



International Newspaper Color Quality Club 2010–2012

Honouring the best newspaper printers in the world



**WAN-IFRA International Newspaper
Color Quality Club 2010–2012**

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It's all about newspapers, business models and market shares

So why the big fuss?



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The question of why is a determining factor in human existence. Why work, think about things, make an effort to achieve a certain goal? The question of motivation is crucial, as nobody ever got very far without this internal stimulus – this applies to all facets of life.

Here, I am talking about practical incentives to act in the production environment of a daily newspaper. Why strive for a specific quality? Why test materials and modify gradation curves? Why make every effort in day-to-day business to achieve high-grade production, hold discussions with suppliers, make new investments ... why do all of these things?

The answer is simple. It's all about securing the company's future, its business model, market shares and also a little about the future of the newspaper printing industry:

- It's about readers, who expect an attractive, up-to-date, haptically and visually appealing product.
- It's about advertising clients, who see the daily newspaper not merely as an advertising medium, but also as a revenue driver.
- It's about the printed word in competition with electronic media.
- And it's ultimately about the diversity of publications and opinions in our society.

Taking part in the competition for membership in the International Newspaper Color Quality Club (INCQC) is a stepping stone

on the part of newspapers to win customers and customer acceptance in light of the increasing advances of electronic media. The media landscape is rich and colorful, in the truest sense of the word. It is up-to-date, attractive and available everywhere. And the media requirements of users are becoming increasingly diverse, with mobile and online media taking their place in society alongside printed publications. For newspapers the key is to investing in their strengths, maintaining their existing market acceptance and also winning young target groups.

The term „high quality“ is not just a buzzword. It stands for a sustainable product, which represents attractiveness, credibility and successful production engineering. These are the factors that influence purchasing behaviour on the part of customers and on which the future of the individual newspaper printing companies ultimately depend. The technical description of high-quality production is described in detail for the printing industry in the respective series of ISO 12647 standards. Compliance with the tolerances specified for newspapers in the ISO Standard 12647-3 is a guarantee of quality and the most important foundation in the INCQC competition, which is accepted worldwide and enjoys a high level of recognition.

Many good reasons

There are many reasons why a company should make serious efforts to become a member of the International Newspaper Color Quality Club:

- Securing consistently high quality in daily newspaper production
- Improvement in competitiveness over competing media
- Customer complaints can be documented objectively on the basis of empirical measurements and be rejected, if applicable (printing within and beyond the boundaries of ISO standards).
- Workflow optimisation, automation and gaining new know-how
- Staff motivation and awards for commitment

- Learning effect for staff members through qualified evaluation reports
- Expertise in the selection of materials and manufacturing methods

Launch of active marketing

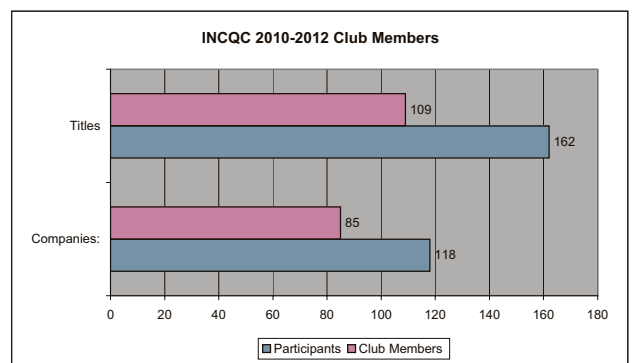
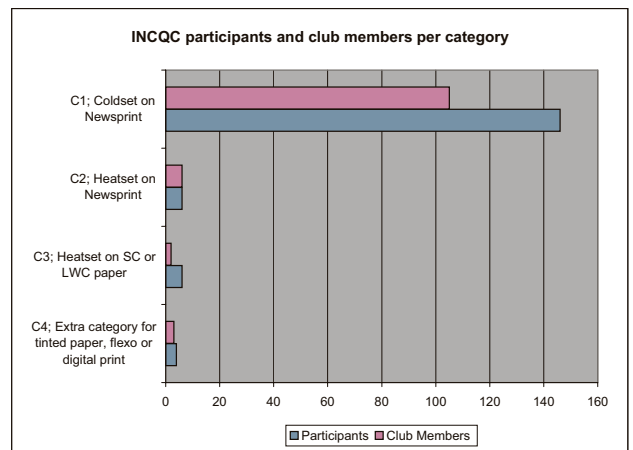
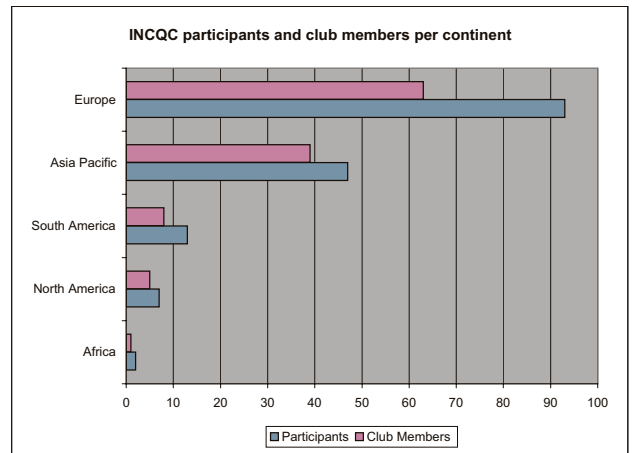
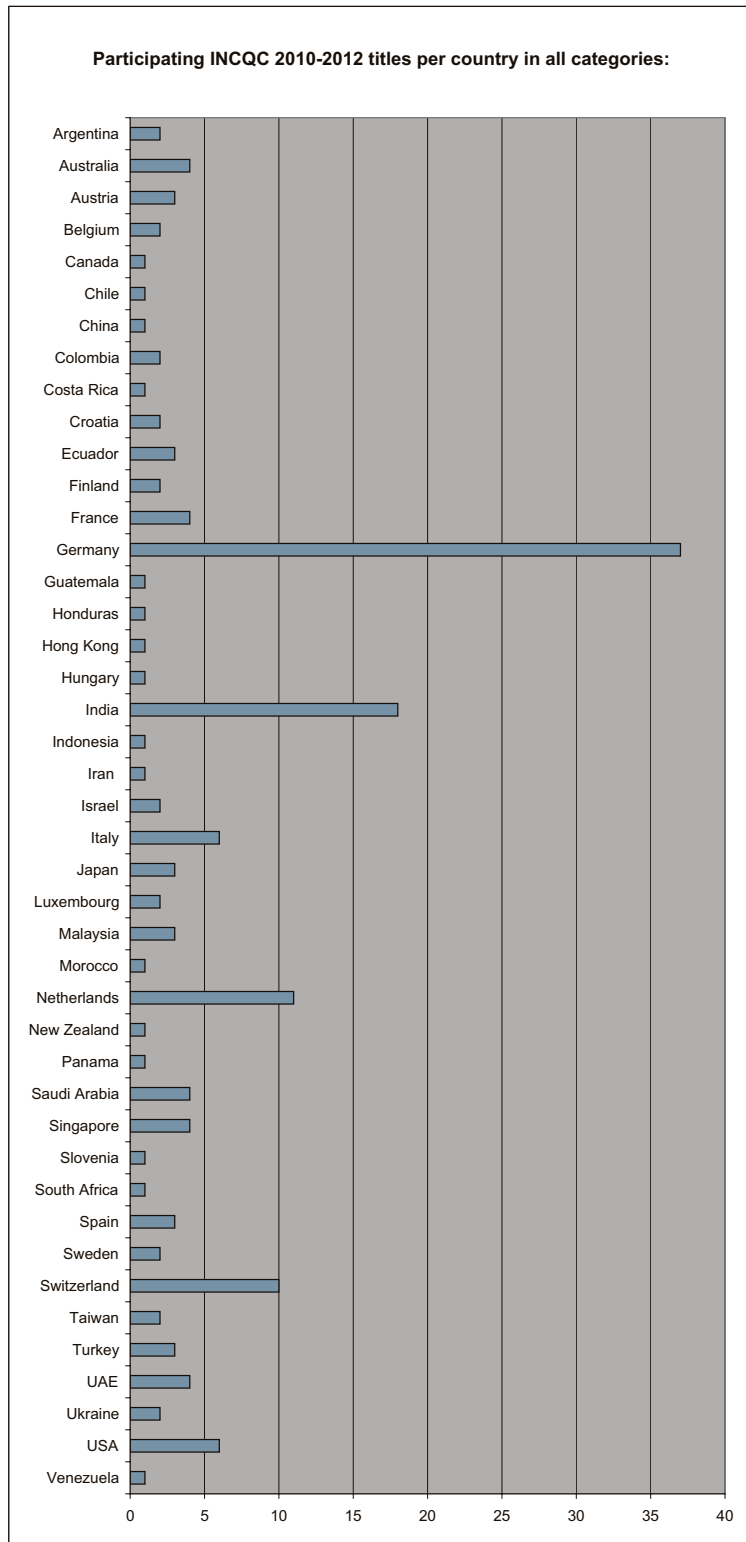
Overall we can say that newspapers need to be highly driven in offering their services and skills to the market if they wish to survive in the face of competition. INCQC supports all of these activities through optimisation of the technical framework conditions. By being accepted into the International Newspaper Color Quality Club, newspapers have qualified for this. The key now is to make use of it.

- The INCQC membership can be used to win new advertising customers
- Esteemed award means prestige gains for the company
- Standardisation progress more effectively controllable due to known parameters
- Evaluation reports offer a basis for discussion and facts for supplier meetings
- Worldwide comparison of manufacturing quality on the basis of detailed evaluations
- Competition stimulates and promotes exchange of experience

Martin Vogel, Head of Production at Zofinger Tagblatt AG in Switzerland, which has also successfully gained membership in INCQC for 2010–2012, is keen to use his company's successful participation to launch active market cultivation: „Giving our best and making our customers both happy and successful is our daily bread. However, it is also a battle against competitors, some of whom are more powerful than us. We now have an excellent tool at our disposal and have been accepted in the noble ranks. We intend to work hard and market ourselves even more effectively, making sure that everyone knows we are not going away“.

The numbers

Statistical analysis



INCQC 2010-2012 participants came from:

5	continents
43	different countries
162	titles registered for participation

Experiences of a jury member

“It was a hard week”

WAN-IFRA has put in a lot of hard work to perfect the Color Quality Club process, ensuring that it works – not once but consistently over a period of time. This year’s requirements were harder than any of the past years for qualification. And it was an eye opener for me, as a jury member, to see how some participants go all-out to be accredited.

Entries submitted came in two broad categories, the “serious and determined” group and the “enter for enter sake” group, though I must say the latter were few. Some have taken the qualification into the club so seriously that each submission copy came individually wrapped. Some even had interleaf tracing paper to protect the cuboid from dirt, smudges and set-off in the handling process. Others reprinted that page with a blank space behind the cuboid to avoid see-through that can affect reading. Some used different newsprint stock just for the page so that it is closer to WAN-IFRA’s required specifications.

On the other side, there are those, though few in numbers, who submitted copies as if no one checked the pages beforehand: with vast misregistrations, scumming and toning all over and with page alignment completely off by centimetres.

General quality judging criteria for the jury were based on five main areas: color, print quality, color register, mechanical defects and image quality. These were subdivided into 25 areas where up to 15 points could be deducted for deficiencies on any given page. This part of judging contributed to 40 percent of the total score; the remaining 60 percent came from the cuboid measurements conducted by WAN-IFRA staff.

The jury’s priority: to judge overall visual quality from the point of an ordinary reader. To ensure conformity, consistency, and fairness, we started by assessing a few submissions together so that we were all “on the same page.” Also, no juror could critique a participant from his or her region. At the end of the first round of judging, all copies went through another round of “counter checks” by another jury to ensure a thorough check. Kudos to WAN-IFRA,



Evaluation of the printed samples in a team effort. The first 16 pages of every copy were evaluated. The time taken per newspaper was approximately 10 to 15 minutes. In the picture, Ronnie Poon, on the left, with Alberto Fuenzalida.

they have taken all possible steps to ensure complete fairness.

Lessons learned? One noticeable change is the web width reductions among many newspapers and the use of lower grammage newsprint. We also are seeing a greater mix of the types and shades of newsprint used in the same product, perhaps a sign of more “spot” purchases. The trade-off that we saw, even though print quality is better and more consistent, is the inevitable greater degree of see-through, set-off, smearing and rub-off. This is a big eyesore to readers, not to mention potentially unhappy advertisers.

One big problem facing print production: being at the mercy of what is submitted by editorial and advertisers. The jury felt that this is an area where most companies put the least emphasis. Photos that are newsworthy in the eyes of editorial may not necessarily have the quality suited for newsprint. Prepress is still expected to produce “miracle” enhancement techniques for a homogeneous reproduction on the printed page. You can build in the most appropriate curves and correction parameters,

but you also must have the same for the pictures passing through it. Otherwise, it is “rubbish in, rubbish out.”

Most importantly, you must prove that you consistently achieve the same result with your print quality to make your advertisers happy, meet their expectations and pay the bills. Deviating from your daily operational standards and adjusting just to meet the club’s qualifying criteria would be a major mistake.



Ronnie Poon
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Prepress/
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Singapore
Press Hold-
ings Ltd.

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A practical report from an INCQC participant

Interpreting measured results

Since the director of the printing centre, Mr. Felix Bitterli, was keen to give his team a nice Christmas gift, he decided to register the newspaper to take part in the competition for 2010–2012 membership of the International Newspaper Color Quality Club at the last minute on 23 December 2009.

However, as the manager in charge I have to say I was more than able to contain my excitement, since I had to assume responsibility for the successful implementation and I knew that I had virtually no time to prepare for the competition. Added to this was the fact that I was no longer able to submit a test print, which meant I lacked an evaluation report for optimising the settings.

I had no other choice but to try and print the first "January" edition as well as possible after returning from my Christmas holiday on 11 January 2010. The first print we produced was actually pretty good based on my own assessment and supported by our measuring instruments. The materials we use are certified, and we always make sure that the paper and ink both fall within the specifications of the ISO

Coldset Standard 12647-3 relevant for us. Based on my measurements, I felt sure that we would gain a full score for all criteria, so we sent the first 10 requested copies of the January 2010 edition off to Darmstadt for evaluation by WAN-IFRA.

The surprise

It was then a great surprise when the evaluation of the "January copies" arrived back at the start of February 2010. The measurement results provided by WAN-IFRA were different from the results I had previously measured using our copies and our in-house measuring equipment. The most annoying thing was the color space result! WAN-IFRA determined a color space scope of 84.99 percent on our copy, just short of the 85 percent minimum stipulated in ISO-defined coldset color space. This meant we got 0 points in this category instead of the "anticipated" 30 points. But this did at least confirm to us that the evaluation at WAN-IFRA was automated and performed using a database with no human intervention.

Since my measuring device had been sent to the manufacturer in December for



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an overhaul, I contacted them to clarify what could be causing this difference. The company confirmed in a test report that our measuring device had a maximum DeltaE deviation of 0.34, which is well within parameters for a correctly functioning measuring device and was in line with their own practical experience.

I therefore decided to contact WAN-IFRA to discuss the difference with them. They confirmed that they too had had their measuring device recalibrated before the competition and of course also had a test report confirming its correct function. The major difference was due to the manufacturers of the measuring devices and their specific measurement approach. WAN-IFRA was using a measuring device from a different manufacturer than us.

I am fully aware that there are always going to be deviations between the measured results of spectrophotometers, either when using two different measuring devices or even two of the same type from the same manufacturer. However, since we were using devices from two different manufacturers, the difference was even greater than assumed.

The challenge

The major challenge for us was then to print the 3 remaining editions perfectly. To be able to still cut a decent figure in the competition and possibly even win, I had to think of something.

I created an Excel table, into which I entered both the measurement results

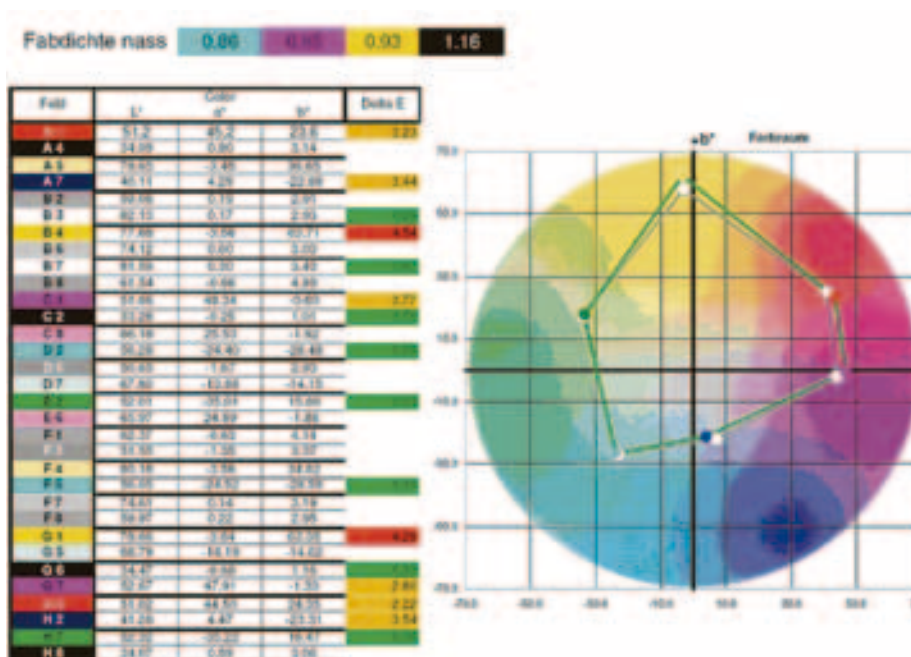


Table of the color space values which compensates the differences between the WAN-IFRA and the internal measurements.

from WAN-IFRA and our internal results. I then calculated the difference between the two results, so I could be sure to stay as close as possible to WAN-IFRA's expected measured values for the next print using the data gained. With this table I was then able to determine and make any necessary corrections to the color space, characteristic curve and grey balance.

In the February edition my results were much closer to the IFRA's measured values than with the first edition. In my Excel spreadsheet I then made some minor alterations to get even closer to WAN-IFRA's measured values.

From the 3rd edition onwards and also in the 4th pass I then got the desired target values, achieving 96.66 percent congruence with the specifications for the color space. In the evaluation of the grey balance, a higher Delta C value than 1.00 was not recorded in any of the 3 measurement fields and our CMYK midtone spread

in the characteristic printing curve was 1.06 percent. The deviation from 26 percent in the dot gain curve was just 1.5 percent. As such, through conscious changes in the RIP and on the printing press, I was able to run our production in line with the specified requirements.

Summary:

It is really not a major issue if measuring devices supply different results, as these can easily be compensated through simple means and use of a correction function when printing. As we only decided to take part in the INCQC 2010 at a very late stage, we were not able to use the reference print from WAN-IFRA, as it had been printed and evaluated some 8 weeks previously.

This is one area where I see an important point for improvement. In future it would be more prudent to evaluate this immediately upon receipt to determine the difference in the spectral values and density

values relative to WAN-IFRA. There is then also the option of submitting a test print to WAN-IFRA (assuming registration is completed in good time) to make sure that the results match.

I found this a very interesting competition, and in many aspects it helped me reconfirm what control and influence we can exercise in the production of print media. The results, which I personally consider "good", may well be viewed and interpreted quite differently by someone else.

We are dealing with standards here and also printing according to these standards. However, it would also be a good idea for manufacturers of measuring equipment to agree on a common basis for determining and evaluating spectrophotometer measurements and density values. Otherwise, a great deal of scope for incorrect measurement results and misinterpretations will remain in future.

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Why measurements vary

Comparative L*a*b* color measurements

In the colorimetric evaluation of a print product, the problem frequently arises that measurements done with different spectrophotometers produce deviating results. This is especially bothersome if the color values and in particular the dot gain curves were optimised on the basis of a measuring instrument, then later on and especially at a different location different results are calculated. This can occur at different locations of the same company, can prove to be critical in relations with a customer and his measuring equipment and naturally leads to irritation if, due to different results, a certification that seemed as good as guaranteed is not granted as desired.

What are the reasons for deviating measuring results?

Spectrophotometers are (unfortunately) not comparable with the relatively simple design of a milometer in a car – though here also, depending on the model concerned, this is influenced by the diameter of the

tyres and therefore does not measure precisely. Spectrophotometers require a light source, an optical system and a measuring unit (e.g. photo element, photo diode, CCD) to receive the reflected light and convert it into electric signals. Taking these signals and based on stored formulae, the integrated or external software calculates both the L*a*b* values as well as the displayed density values.

Calibration, instrument setting and measuring conditions

Spectrophotometric measurements are standardised in accordance with ISO 13655. For the density measurements, a basic distinction is made between the measuring conditions in accordance with Status T and Status E and the use of a pole filter that is vital for freshly printed products. The print samples available to WAN-IFRA are undoubtedly older than 24 hours and therefore dry. Please take this time factor into account in the comparability with your

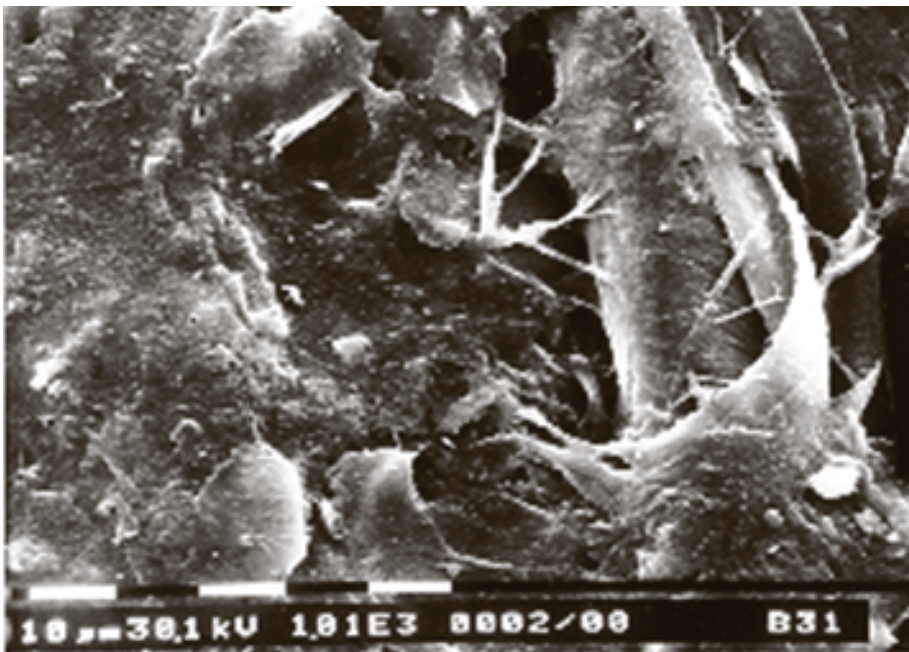


Different devices mean different measurement values – don't worry, that's normal.

evaluations. The ISO standard stipulates that measurement must be done against a black background (Black-backing). Regular maintenance, upkeep (e.g. clean measuring aperture) and calibration are preconditions for obtaining consistently good results.

Light source and optical system

The regular spectrophotometers used in the printing industry (today's density measuring instruments work with identical technology and are limited to density display only by the software concerned), use a standardised light bulb with a color temperature of 2856 Kelvin (standard light A) as light source. Depending on the manufacturer, a ring mirror or spot measurement is used to receive the reflected light. With rough newsprint, the different optical system of the instruments leads to deviating L*a*b* values, even measuring points located in close proximity to one another may deviate. Due to the non-homogenous paper surface, the measuring diaphragm/measuring section should exceed 3 mm. A ring optical system reduces the influence of the newsprint structure and of the position of the instrument on the measurement. In order to obtain useful results, we at WAN-IFRA measure four different measuring points in each case, carry out a validity check and calculate the average. In the event of excessive deviations of the measured values, our system calls for a renewed measurement.



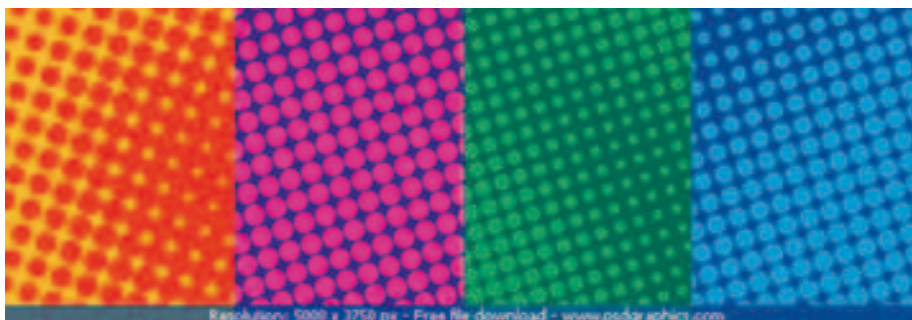
The SEM micrograph of a wood-free base paper clearly shows multiple layers of intersecting fibres. The paper surface is characterised by hills and dales formed by the fibre mesh. The voids between the fibres impair the smoothness and uniformity of the paper surface and ink density.

Calculating the density

Calculating the density from the spectral reflectance values is a standardised process. However, different results may be obtained depending on the software that is used. The light reflectance is measured at 10 nm intervals and evaluated per wavelength in accordance with the weighting factors specified in ISO 5-3. Paper white (instead of absolute white) must be spectrally taken into account in the density calculation. Due to the different optical systems, there will be deviating reflectance values depending on the manufacturer concerned and the specific properties of the pole filter used in each case. These lead to the display of different density values and therefore different dot gain curves.

Result

The comparative use of different spectrophotometers under simulated production conditions to calculate $L^*a^*b^*$ and



When printed together, printed halftones result in a changed color perception.

density values involves many uncertainties. For this reason, percentage deviations in comparative measurements done with different measuring instruments cannot be avoided. Using laboratory measuring instruments costing more than € 50,000 with the required 3 cm measuring points is not feasible for the printing industry.

WAN-IFRA INCQC

All evaluations for INCQC are carried out with the identical equipment, calibrated

and in conformity with ISO 13655. All participants in the INCQC had the possibility to carry out a pre-check free of charge before the actual competition. Using the submitted reference print, it was possible to calculate the individual deviation of the measurement by means of the WAN-IFRA measurements and to take due account of it in the production run. Also we offer the IFRA-Check as a safe method of obtaining the expected result of an INCQC evaluation already at an early stage.

Grow with Quality.

Heartfelt Congratulations.

We would like to congratulate the 109 winners on their success in the competition, and for their efforts to continuously improve the quality of their end product in line with INCQC quality standards.

The advertisers and readership will have you to thank.

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INTERNATIONAL NEWSPAPER
COLOR QUALITY CLUB

ISO standard 12647

The basics of the competition

Requirements as per ISO 12647 for the newspaper printing industry and implementation in competition for 2010-2012 membership in the INCQC

The following abridged version explains in a compact and comprehensible way the core criteria of this standard, first introduced in 1998, and describes the implementation and checking of the criteria listed in connection with a measuring element suitable for and accepted by the newspaper industry. The explanations focus specifically on the coldset standard 12647-3.

The ISO standard is a good general example of practical, realisable requirements which have been developed by industry experts in close coordination between manufacturers and production companies. Its 22 easily comprehensible pages provide a binding summary of those criteria that facilitate high-quality production with specified production equipment through precise adjustments and controlled procedures. Integrating the specifications offers very tangible advantages for everyone involved in the manufacturing and production process and in cooperation with customers. The quality of the materials used becomes verifiable, execution and production can be adjusted based on specified parameters, while advertising customers and prepress can both simulate the later print result based on known factors. Overall, application of the ISO standard for the newspaper printing industry offers the invaluable advantage of being able to reproduce colors uniformly worldwide. No other medium is currently

capable of this, and virtually every monitor displays colors differently.

ISO standards are adjusted to changing technical framework conditions at regular intervals. While back in 2000 the application of film and even the letterpress printing method were still being used, CTP is in use almost everywhere in 2010. Data handling and color management are now an integral part of the largely automated workflow.

Core requirements of the ISO specifications on newspaper printing

The ISO standard generally distinguishes between “normative” and “informative” content. Normative contents are binding within the scope of the tolerances specified, whereas “informative” details are not binding and therefore merely provide recommendations for use in production conditions.

Normative specifications of the 12647-3 coldset standard in its latest version from 2005

- Electronic data should be delivered in the form of PDF/X-1 or PDF/X-3 data files
- For 4-color work, the screen frequency should be $(40 \pm 2) \text{ cm}^{-1}$ (more is accepted)
- Note: With non-periodic screens, reliable results are obtained if the minimum dimension of the image elements is $40 \mu\text{m}$.
- For halftone dots with a principal axis, the nominal difference between screen angles for cyan, magenta and black must be 60° , with the screen angle of

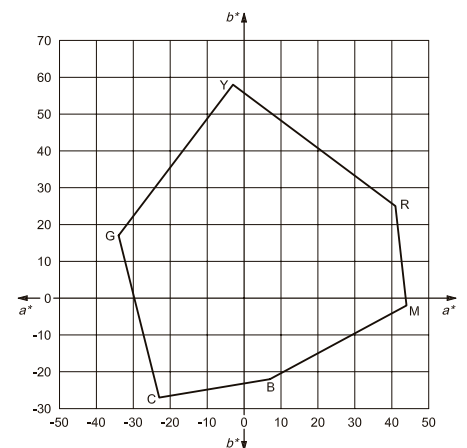
yellow at 0° and 15° off from the next screen angle. The screen angle of the dominant color should be 135° . In case of a high amount of GCR the dominant color will be black

- The tone value sum should not exceed 240 %

Tone value increase values (TVI curve) for production printing

Reference tone value (data)	Tone value increase measured on paper for 26 % curve
10 %	11.1 %
20 %	19.0 %
30 %	24.0 %
40 %	26.1 %
50 %	26.0 %
60 %	23.9 %
70 %	19.8 %
80 %	14.3 %
90 %	7.6 %

Diagram of the ISO color space, a^*b^* values



CIELAB L^* , a^* , b^* target values of ink colors on newsprint or on equivalent proofing print substrates

	L^* (unit: 1)	a^* (unit: 1)	b^* (unit: 1)
Cyan	57.0	-23.0	-27.0
Magenta	54.0	44.0	-2.0
Yellow	78.0	-3.0	58.0
Black	36.0	1.0	4.0
Cyan + yellow	53.0	-34.0	17.0
Cyan + magenta	41.0	7.0	-22.0
Magenta + yellow	52.0	41.0	25.0
Cyan + magenta + yellow	40.0	0.0	1.0
Four color black: (K = 100 %, C = 52 %, M = 44 %, Y = 44 %)	34.0	1.0	2.0

Measurement in accordance with ISO 12647-1 black backing, D50 illuminant, 2° observer, 0/45 or 45/0 geometry.

NOTE: Recommended color printing sequences are cmYK and KCMY.

- The maximum deviation between the image centres of any two separations should be less than 0.15 mm.

Tone value tolerances and maximum mid-tone spread for proof and production printing

	Production
Mid-tone spread	6 %
The values refer to control strips with 40 cm ⁻¹ screen ruling.	

Informative part of the ISO spec (= recommendation)

Densities of ink set colors

Only Status T, unpolarised, absolute and Status E polarised, relative, are reported here, as they represent the two most common measurement modes.

Typical reflection densities of the process color solids on newsprint

Reflection densities	ISO Status E relative density polarised	ISO Status T (absolute) density unpolarised
Cyan	0.90	0.90
Magenta	0.90	0.90
Yellow	0.90	0.85
Black	1.10	1.05
Newsprint d	0.0	C: 0.23; M: 0.24; Y: 0.27; K: 0.22
All densities were measured with the sample placed on a black backing as specified in ISO 5-4.		

Grey balance

Useful tone values for grey balance control patches. A black halftone control patch of about 30 % may be used as a visual reference of nearly equal lightness.

Cyan	Magenta	Yellow
10 %	8 %	8 %
20 %	16 %	16 %
30 %	24 %	24 %
40 %	33 %	33 %
50 %	42 %	42 %
60 %	53 %	53 %

The specifications stated are both clear and easily understandable. Compliance with the criteria is possible using conventional measuring devices. One prerequisite for testing is the use of a test element.

In contrast to commercially printed products, in newspaper production there is no bleed, so control strips remain visible. Many publishers and editorial teams have provisos with regard to use of “obvious” print control elements. To enable

metrological evaluation, WAN-IFRA therefore developed the “IFRA Cuboid”, a test element whose design looks similar to an advertisement. When positioned in a color advertisement section, anyone not working in the industry would do well to even notice this or distinguish it from the other advertising contents. As such, it is not perceived as intrusive or disturbing.

There are many potential combinations of applied technology and materials used for printing. Common printing methods used in newspaper printing are offset, including waterless, but also flexographic printing. Digital printing methods have been technically proven and are also being constantly refined and further developed. Newsprint is a defined standard paper, but salmon-colored paper (for example in the Financial Times), grey paper and other

tinted paper is also used. When a dryer is fitted, SC (super calendered) paper and LWC paper can also be used on newspaper printing presses, which dramatically expands the color space and gamut that can be reproduced. While this certainly increases costs, it also increases the visual and haptic attractiveness of a newspaper, allowing printed advertisements to be more effective and companies to differentiate themselves from their competitors.

The instructions for participation in the INCQC 2010 were established in line with these technical framework conditions. We offered different categories, defined by technical criteria, for the first time ever in INCQC 2010–2012. These are based on the various printing processes and materials used in newspaper production. The objective is to allow every newspaper printer to participate, regardless of which technical production process is used. Target values or evaluation methods differ in part for the various categories due to the different process techniques.



The IFRA Cuboid is a worldwide accepted test element in the newspaper industry, developed by WAN-IFRA in Darmstadt, Germany. Its square shape recalls that of a cube. It is 45 mm wide and therefore corresponds to the standard column width of newspapers. Its measurement fields allow many different criteria to be evaluated.

Category 1: Coldset-offset printing on newsprint

Category 2: Heatset-offset printing or UV-cured offset printing on newsprint

Category 3: Heatset-offset printing or UV-cured offset printing on SC or LWC paper

Category 4: Extra category for newspaper printing on tinted paper or for printing processes outside offset (e. g. flexo, inkjet or any kind of digital printing).

Information

For more details about the ISO standard 12647 and how to implement it in practice please contact Roland Thees, Research Manager, Competence Centre Newspaper Production, WAN-IFRA. roland.thees@wan-ifra.org

Measuring procedure

The INCQC evaluation process

The print quality test element IFRA-Cuboid was designed in advertisement style for easy integration in a newspaper page, thus allows semi-automated measurements and the accordant data analysis by database drive calculation without furthermore human interference to avoid any exertion of influence.

The INCQC evaluation process was split into two parts:

- Measurement of the printed IFRA Cuboid test element over a period of four competition months
- Visual quality analysis of the general printing quality by a jury from a reader's perspective

The evaluation of the measured data is divided into an evaluation of the colorimetric data of the printed IFRA Cuboid and of the register measuring element. The evaluation of the IFRA Cuboid permits qualified conclusions in relation to newsshade, black ink, dot gain, mid-tone spread, grey balance, color space and color register precision.

All color measurements were carried out using a spectrophotometer in accordance with ISO 12647-1, paragraph 5.6. This means: angle of observation 2°, light source D50, measuring geometry 45°/0° or 0°/45°, black backing.

In order to evaluate the general printing quality, two randomly selected newspaper copies from two different competition



baslCColor Cuboid measurement screen.

months are taken from the supplied sample copies in which the IFRA Cuboid is also contained. The first 16 pages of each newspaper copy are assessed.

Details of the evaluation criteria, parameters as specified in ISO.

Newsshade

The color of the newsprint (newsshade) should be sufficiently light to permit a good contrast in print. The color cast of

the paper should be low and within the permitted tolerance range. But the paper should also have sufficient opacity in order to minimise show-through.

Black ink

The black ink should have a sufficiently high print density to permit good black, white and color printing results. This is especially important because news photos, due to the GCR, usually have a relatively



X-Rite Eye1i0 measuring the IFRA Cuboid.



Register measurement with Techkon RMS 910.

high share of black in the color separation. However, the color density may also not be too high in order to avoid overinking.

Mid-tone spread

A consistent dot gain in printing is critical for good color balance. The mid-tone spread of the cmY inks should have a low tolerance and be lower than the mid-tone spread of all four process inks, including black. We therefore evaluate mid-tone spread cmY and also mid-tone spread cmYK similarly in all categories.

Grey balance

The ability to print neutral grey tones is of fundamental importance for the color reproduction process. If the grey balance is correct, the print result will be neutral and free of color casts. This is especially important for process control that, with the grey balance, has an essential control procedure at its disposal. But what is grey? The human eye adapts to the shade of the print substrate and takes this for grey in the sense of a neutral color reference. This is why we are not aiming for an absolute grey, but will take the a^* and b^* values measured on your paper (newshade) as the grey reference.

The lightest and darkest measured values (color gamuts of the paper and of the 4c black) are connected via a straight line. This produces a reference grey axis in the color space that is used as an individual scale for the evaluation. Based on the individually measured brightness value L^* of bright, medium and dark grey on the IFRA Cuboid concerned in each case, the "ideal" color values a^* and b^* are now mathematically calculated on the reference grey axis. These serve as targets (= reference) for the measured a^* and b^* values of bright, medium and dark grey. We refer to the color difference calculated in this way as "Delta C^* absolute".

Color space

The larger the printable color space, the more colorful you can print. The color range should have a minimum size as well as a certain geometry in order to satisfy international standards. This is especially important for high-quality ad printing. The measured color space should cover at least 85% of the reference color space concerned.

A jury of experts (from left): Roberto Fuenzalida, ADTL, Chile; Anand Srinivasan, WAN-IFRA India; Ronnie Poon, SPH, Singapore; Markus Ruppe, ZMG, Germany; and INCQC project manager Roland Thees, WAN-IFRA.



Criteria for point subtraction

Category	No.	Detected deficiency
Color	1a	Deduction for a monochrome page
	1b	Or: deduction for a two-color page
Quality of print process	2	Show-through
	3	Density fluctuations
	4	Overinking or underinking
	5	Missed areas
	6	Disturbing misregister
Mechanical print quality	7	Set-off or smearing
	8	Impressions from draw rollers or rings, mark impressions
	9	Hickies, picking
	10	Poor ribbon register (longitudinal cut paper web)
	11	Wrinkles, creasing
	12	Ghosting, doubling
	13	Printing plate scratches
	14	Printing plate edges
	15	Pin holes pulled-out or pin holes in image area
	16	Dirt stains
	17	Poor page register (lateral)
	18	Stripes, breaks in screen gradations, tonal differentiation
	19	Toning
	20	Cloudy print-out, mottling
Image and graphic quality	21	Ink piling in the image, filled-in image areas
	22	Color cast
	23	Insufficient screen quality (e.g. moiré)
	24	Fuzziness
	25	Loss of detail (tonal reproduction)

Color register

The greatest distance between two colors is evaluated. This distance is calculated from the circumferential and lateral register precision. The maximum deviation between the image centres of any two separations should be less than 0.15 mm.

General printing quality evaluation by jury

It is the objective of the International Newspaper Color Quality Club to honour consistently high standards of printing quality in a cleanly printed newspaper. For this reason, the evaluation of the general

printing quality plays a major role and was done on the basis of clear, visually recognisable properties, using two randomly selected copies from different months. Points were deducted where deficiencies were detected. Each deficiency criterion was applied only once per page. Evaluation was carried out based on the listed guidelines (see table above).

The underlying ISO criteria and the evaluation process are hereby described in abridged form. The quality team at WAN-IFRA is always happy to receive any comments or suggestions for integration into the rules for the next INCQC 2012-2014.

Newsprint and newsink testing for improving productivity and print quality

Material testing



Anand Srinivasan
Research Engineer and Manager of the material testing laboratory WAN-IFRA South Asia, Chennai, India

Newspaper Industry is facing challenges from several directions. There is a threat of circulation going down due to increase in online and mobile readership. Print advertisement revenue has also reduced considerably all around the world. United States, for example, has lost nearly 29% of print revenue in 2009 according to NAA. The cost of newsprint has also increased and it is around \$ 580 per metric ton. In the tough times, the onus has naturally fallen over the printing centres to turn itself from cost centres to revenue centres.

The publishers are trying to cut costs and increase revenue in one way or the other. One of the major expenses for the publishers is the cost of paper and ink. While these materials are available from several different manufacturers at varied quality, selecting the right materials that offers better productivity and savings in cost is very important. At times like this, when the cost of consumables are soaring, testing the paper and ink and selecting the right one becomes vital.

Why testing is necessary?

The immediate answer to the above question is, to standardise the incoming materials. Standardising and then monitoring the quality of incoming materials regularly serves three important purposes a) Selecting the right materials when the choices are plenty b) Check the consistency over different batches c) Troubleshoot in case of complaints.

The first step of any print process standardization is the choice of right paper and ink. Unless the paper and ink are standardized, it is impossible to achieve consistent high quality printing in the press. ISO 12647-3 is the best starting point for the standardization of materials. Publishers can also refer to ISO 2846-2 for cold set inks and DIN 19306-4 for newsprint. The main idea of standardization is to develop in-house specification for the materials. Whenever a new batch of newsprint or ink comes into the production facility, it has to be tested for conformance to the in-house specifications. Continuous testing and recording the results can give the publishers valuable data that will assist in future selection and purchase of materials.

Testing can be both simple and scientific. Visual inspection of the incoming paper reels for any damages, measuring the weight of reel cores, measuring the paper shade with hand-held spectrophotometers are examples for a simple testing. When we say scientific testing, it means sending the incoming materials to a material testing laboratory or to the publisher's own testing facility to do a wide range of scientific

study on the materials. Scientific study in a laboratory will throw light on how the materials will perform in the press room.

Testing to save cost and maximize quality – Examples from testing done at WAN-IFRA Research and Material Testing Centre (RMTC), Chennai, India.

Grammage:

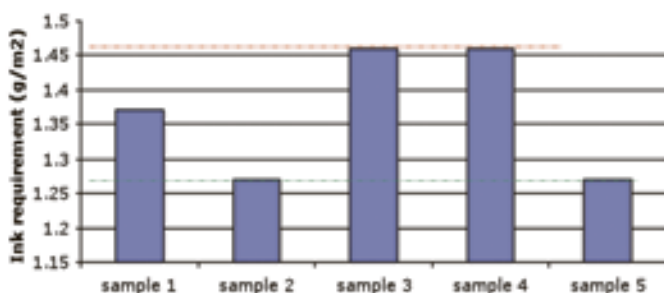
Paper	Grammage (gsm)
Sample 1	45.11
Sample 2	45.14
Sample 3	45.19
Sample 4	45.73
Sample 5	46.08

The data given here is from the grammage test done over 5 different newsprint samples (45 gsm) sent by a publisher. If we analyse the data in the table, sample 5 shows around 2.1% higher grammage than sample 1. It means that for a reel of same weight, the publisher can print 2.1% more copies using sample 1 compared to sample 5. The same transforms into cost. Choosing sample 5 can lead to a substantial loss. Assume a publisher prints 100,000 copies of a 16 page broadsheet edition. The publisher needs around 13.7 tons of newsprint at 45 gsm and 14 tons at 46 gsm. If the publisher had chosen sample 5 for the production, the loss is 174 \$ per 100,000 copies per day (assuming the cost of newsprint as 580 \$ per ton).

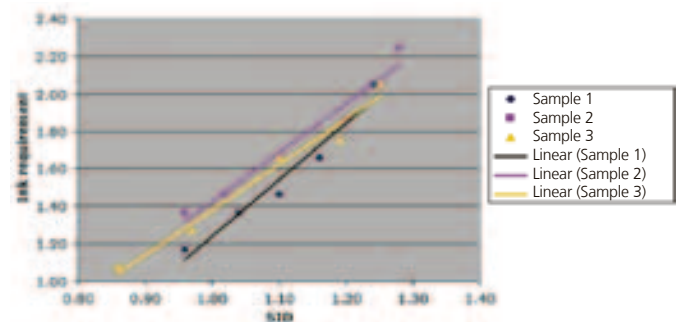
Ink mileage

Consider this example, 3 black inks are tested over a standard newsprint sample. From the trend lines in the chart, sample

Black ink consumption for 5 paper samples



Comparison of ink requirement



2 shows the highest ink consumption followed by sample 3 and sample 1 showed the least ink consumption. The data also showed that sample 2 needs around 12 % more ink to reach a density of 1.10 compared to sample 1. This exactly transforms into your cost of ink. 12 % savings in ink is substantial. When publishers spend hundreds of thousands of dollars in ink, consider the amount of savings.

The surface characteristics of the paper plays an important role in ink consumption. The chart on page 20 shows the black ink consumption (To achieve an SID of 1.10) of 5 different paper samples tested with same ink.

Here, paper 2 and 5 shows around 13 % lesser ink consumption, when compared to sample 3 and 4. Again, 13 % is a substantial savings.

Ink consumption depends on the surface characteristics of newsprint and the pigment concentration of the ink. Inks from different manufacturers varies significantly and only a detailed scientific study can show which ink can offer better ink mileage.

Color gamut study

Advertisers look for good color reproduction of their advertisements. The more colors your press is able to produce, it is better. The color gamut of the press depends mainly on the newsprint and ink used. The newsprint shade, particularly, plays a crucial role. A study on color gamuts at the WAN-IFRA RMTC showed that Newsprint with a lightness (L^*) of 82.5 can produce over 30 % bigger color gamut than a Newsprint with L^* 78. Similarly, huge differences were found in color gamut when using different inks. Only a detailed printability testing can reveal such facts.

Set-off and print through

Set off is an undesirable problem that haunts us every day. Ink should have the ability to set as soon as it is printed. Apart from the drying characteristics of the ink, paper surface also plays a major role in ink drying. It should be noted that higher set-off generally means lower print through and vice versa. However, there are newsprints that produce lower print through as well as set-off. Printability testing and analysis can identify the paper and ink combination that



Printed samples are used to proceed different measurements.



Precision balance to determine the amount of ink transferred to the paper.

produces least set-off and print through among the available materials.

Other parameters to test

There are several other parameters to test. For a newsprint, its basic characteristics like grammage, moisture content and ash content, its structural characteristics like roughness, porosity and water and oil absorbance, mechanical properties like tensile strength, tear strength, pick strength and elongation must be tested. Each test relates directly to the production process and gives valuable data about the productivity levels one can achieve from the material. When a publisher selects the right paper after analysing the results of these tests, then better productivity can be achieved.

Testing should be done for every batch of incoming materials to analyse batch to batch variations. Testing done on all materials over a period of one year can give the publishers enormous amount of data and a statistical analysis on the available data could help the publishers in making better decisions while selecting the materials.

Information

For more details about WAN-IFRA Research and Material Testing Centre, visit www.wan-ifra.org/rmtc or write to rmtc@wan-ifra.org

What you need to know about software for professional picture processing

Color image enhancement for news pictures



It is difficult to conceive of modern newsrooms that receive hundreds of news photos daily without automatic image processing. The software not only saves resources but also ensures a high throughput and more consistent results. The many image optimisation programs available on the market can vary greatly in price and performance. A new IFRA Special Report describes the current technical state of the art and compares the systems and their functions.

The best precondition for high-quality images is a good camera that is in line with the latest technical state of the art. Most modern digital cameras, such as those used by photojournalists, offer numerous image correction and repair functions that

take effect already at the time the photo is shot, even going unnoticed. Nevertheless, it is still worthwhile to invest in automatic image processing software because most photos can be optimised – and for such an application the software is by far more efficient than manual processing for the majority of photos.

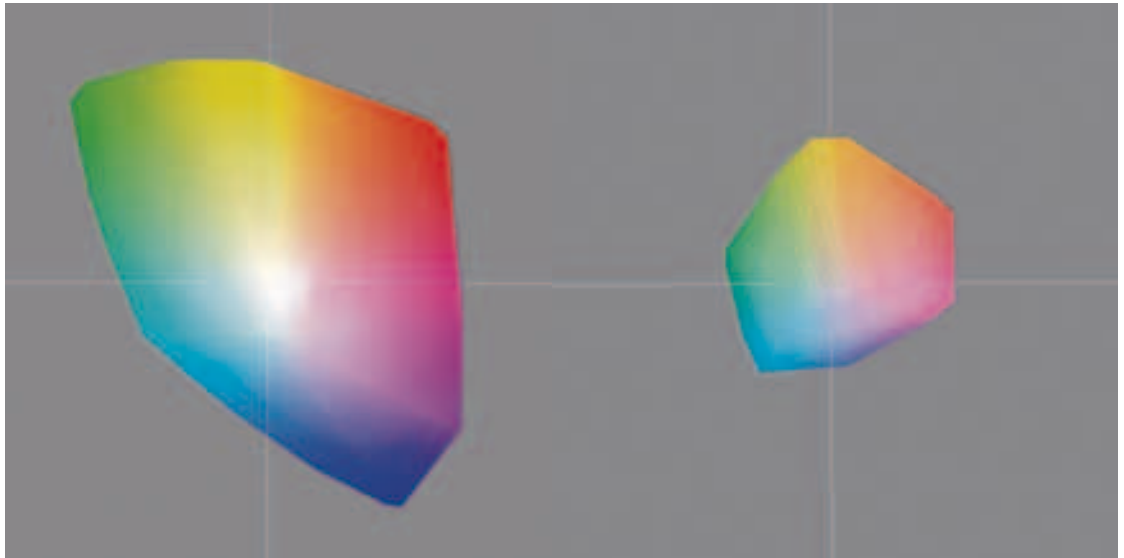
Two things are of major importance for optimal automatic image processing: choosing the correct RGB color space and retaining the metadata recorded together with the image. Of the two color spaces that can be considered and that digital cameras usually use, the smaller sRGB has some benefits for the newspaper printing industry. On the one hand, it is large enough

to cover all colors that can be displayed on home computers, laptops and mobile devices (PDAs, mobile phones, etc.), and on the other hand small enough to permit a close approximation of the printed result in the newspaper to the original colors.

But it must always be remembered that it is the small CMYK color space (in conjunction with the rough and not quite white newsprint) that defines the limits for color reproduction in print. A newspaper photo will never be as colorful as an image in a magazine or on a monitor.

The image metadata produced at the time the photo is shot supports image optimisation and therefore has an indirect influence on the image quality.

Perception of the sRGB color space is about seven times superior to that of the CMYK color space, which newsinks can reproduce on newsprint.



Before image correction comes image analysis

When we look at an image, we carry out many adjustments and interpret relations between colors without even being aware of doing so. The digital camera, however, can interpret such relations only to a very minor degree, for example, as regards light conditions. Therefore, the Special Report concludes, “program intelligence of the highest level” is necessary to be able to automatically correct news photos. The objective is: “attractive color effect instead of colorimetrically exact colors.”

The two main problem areas in automatic optimisation are:

- Defining the most important elements of the shot, the motif and the lighting conditions in the image, as well as
- Judging whether these elements have optimisation potential and possibly deciding the type and extent of the correcting measures.

In general, it can be stated that automatic image correction programs are in most cases not only faster than manual processing (with e.g. Photoshop), but also produce better quality and greater consistency.

The increasing use of reader photos is accompanied by a rise in the numbers of problem images. This example clearly demonstrated that not all image correction programs are the same: Not all of the tested programs recognised the existing image error and were in a position to correct it accordingly.

The Special Report deals in depth with the topic of image analysis and gives an overview of the currently available image processing software.

Professional image processing with amateur software?

It is a fact that, in recent years, the range of image processing software on offer has grown considerably – from one program in 1992 (Binuscan) to more than 12 available programs today. Included, besides the predominant premium price processing software, are also products that were not actually developed for process-



ing professional news photos, but instead for the consumer market (private users or service providers) – on condition that they have color management functions at their disposal. As a side effect, several useful programs emerged that are low-priced and still produce very good results.

Before deciding in favour of any one or other processing software, Andy Williams, IFRA research manager and author of the Special Report referred to in this article, recommends carrying out a few tests. Among other items, this report contains guidelines for such comparative tests. “For our own random testing, we took problem images with a color cast or that were on the whole very dark or offered poor contrast. That is the best way to recognise the greatest differences.” If a newspaper makes the decision to automate its image processing, it will in any case save a lot of time, improve overall quality and can assign operators who were previously responsible for the manual processing to other tasks, e.g. in the creative area.

Information

For more details about color and image processing please contact Andy Williams, Competence Centre Newspaper Production,
WAN-IFRA GmbH & Co. KG,
andy.williams@wan-ifra.org

How to save on color inks without compromising quality

More quality through ink saving

Ink-saving software has been available on the market for years and is used by newspapers with enthusiasm. It is usually simple and quick to implement and offers many benefits. However, the potential ink savings claimed by suppliers vary significantly. Whereas eight percent lower consumption is stated as a realistic value for one product, savings of 30 percent and more are claimed for others. Any evaluation of the performance of a program on the basis of such claims is unrealistic, alone due to the fact that the particular situation is unknown in each case and therefore cannot be compared.

Color management is the basis for controlling four-color newspaper printing. Applied correctly, it ensures that color originals from a wide range of different origins are prepared for printing in such a way that their color is reproduced as faithfully as possible on newsprint. Because the color space is considerably smaller in coldset (newspaper printing) than, for example, in heatset, certain compromises must be accepted.

To ensure that this is done correctly, it is necessary to know (or determine) the color profile (ICC profile) in which the image was created and transform it into the suitable output profile for the corresponding color space of the output device (e.g. newspaper press). This color space transformation ("gamut mapping") is realised usually indirectly via a device-independent standard color space (CIELAB or XYZ); the use of so-called DeviceLink profiles shortens this process, as a color value of the output color space is assigned to each color value of the input color space and can be accessed directly without conversion. An advantage of DeviceLink technology is that the black channel can be retained.

If ads are received already color-separated in CMYK and the separation was done with a profile not optimised for this purpose (e.g. ISOnewspaper26), but for example with ISOcoated, then a re-separation (CMYK to CMYK) is necessary.

How ink-saving works

Ink-saving software – in accordance with the principle of maximum economic efficiency –



With GCR, the grey components of the chromatic color overprints are compensated by black, without this changing the color impression of the image. The image and separations on the left were produced without GCR, those on the right using GCR. The resulting savings can be considerable.

by using the minimum amount of expensive color ink, should supply a printed image that cannot be distinguished either visually or by measurement from one that would have been obtained without the ink reduction. Grey Component Replacement (GCR), combined with Under Color Removal (UCR) and manufacturer-specific algorithms, is the most commonly used process. GCR reduces grey components of the color inks and replaces them with a much smaller amount of black. This has almost no effect on the color impression, especially if a moderate reduction is carried out. In the case of a strong GCR, color shifts become visible first of all in the light color tones, where minor differences in inks and paper as well as density fluctuations become more evident. Just how much can be saved without adverse consequences for quality depends decisively on the conditions at the outset.

On the one hand, the achievable savings are dependent on the motif concerned

– the more color-intensive an image is and the more mixed colors it contains, the greater the potential savings. On the other hand, it naturally also makes a difference whether it is data already optimised for the process that is concerned (in this case, the yield will not exceed 10–15 percent). Moreover, it is for the newspaper to decide whether it deviates from the maximum recommended ink coverage for newspaper printing of currently 240 percent (ISO standard) and go for 220 percent or even lower total coverage, which would bring about additional consumption savings.

For example, Wegener, the largest publisher of regional newspapers in the Netherlands, is at present carrying out intensive tests with ink-saving software at its printing plant in Best. The company expects savings of several hundred thousand euros alone from a reduction of the maximum ink coverage on all pages from 240 to 180 percent. The printing quality is not just totally accept-

able, but even gains by this measure. "Some advertisement material is delivered to us with ink coverages up to 340 percent. We find that this is getting more and more, customers not keeping to newspaper standards but using ad material that was prepared for other media," says Ron Claessen, manager, Information & Production Technology.

Process optimisation

The original intention of programs for GCR that are marketed today as ink-saving or ink optimisation programs was not of an economic nature, rather the creation of more stable printing conditions, though in the final instance this also has a bearing on costs (described in IFRA Special Report "Possibilities and Limitations of GCR in Newspaper Printing," see page 25). Indeed, the indirect savings resulting from the stabilising effect of ink reduction on the printing process can be much greater than the direct savings due to lower ink consumption.

Ink optimisation can have the following quality benefits:

- an overall more stable printing process
- a better grey balance
- purer colors, higher-contrast print-out
- less smearing, set-off and show-through due to reduced inking
- shorter drying times (therefore possibly faster printing speed)
- and last but not least, faster start-up and less start-up waste.

Users confirm this in practice.

The waterless offset process, due to the lower dot gain, is suitable for the use of FM screens that not only allow a more detailed reproduction, but also by nature consume less ink than periodic screens. On the other hand, ink for waterless offset has a higher tack value, the effect of which can be influenced positively by reducing the amount of ink applied.

Similarities and differences

In principle, all ink-saving programs that

work in accordance with the rules of color management are suitable for achieving ink economies and offering the listed quality benefits. For this reason, the question is justified as to why the price range is so vast. The answer has many aspects and is composed of factors relating to quality, flexibility and workflow. These include the possibilities of integration into the workflow (can the software be used at any point in the process, is it part of a workflow system or integrated into the RIP?); Device-Link capability; the possibility to produce its own DeviceLinks; complexity of the conversion algorithms; possibilities of individual adaptation; existence of an analysis function to establish the suitable profile for input data of unknown origin. Some suppliers offer not just one product, but various products that can be differently configured and combined.

Applied correctly, the ink-saving technology has so many advantages for the newspaper printing process that its use can only be recommended.

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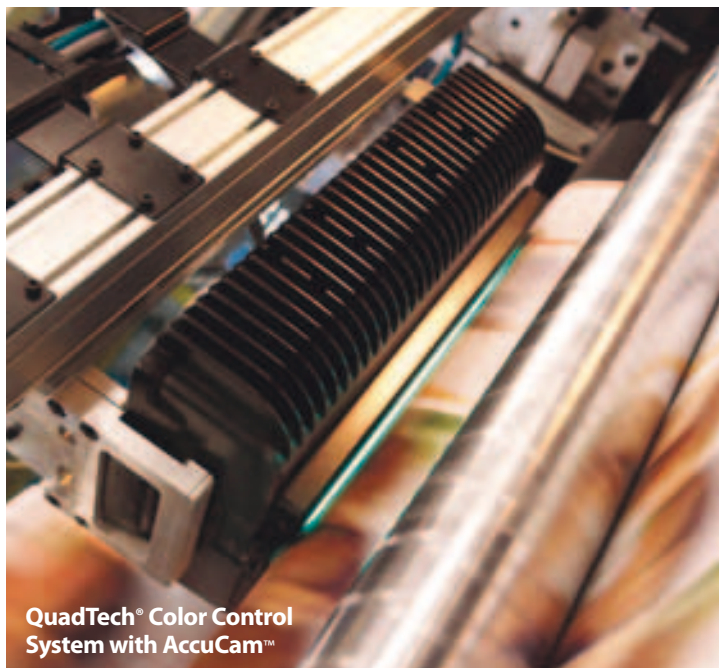
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The softproof as printer's reference for the ink adjustment

Better colors through a control desk softproof profile

Providing a true-color page proof as a binding master for printers on the control desk is both complex and costly. A more elegant solution is to generate soft proofs, i.e. true-color images of the respective pages on a monitor based on the RIP data provided by the prepress department.

Proofs are used for various purposes:

- Firstly to check the page for completeness and correct alignment of all elements
- Secondly, and in particular for advertisements, to serve as the basis for approval by the customer
- Thirdly to serve as a binding color template for the printer.

If the goal is to just to perform a formal check (during which it also by chance becomes clear that a plate might have been mounted in the wrong position), the technical requirements are modest.

But if color accuracy is to be guaranteed, factors such as light influence and monitor properties also play a role. A fundamental problem is screening the monitor from external light sources, which is very difficult to achieve on the control desk itself. One technical approach to get around this is to measure, analyse and calibrate the monitor to the respective ambient lighting conditions.

However, it is simply not practical to have separate, well screened viewing cabins lit with standardised lighting, since printers are keen to lay out the freshly printed newspapers directly on the control desk, assess the pages and make any necessary corrections. Walking over to such a cabin, even if only a few steps away, would mean a loss of time and also lead to increased wastage.

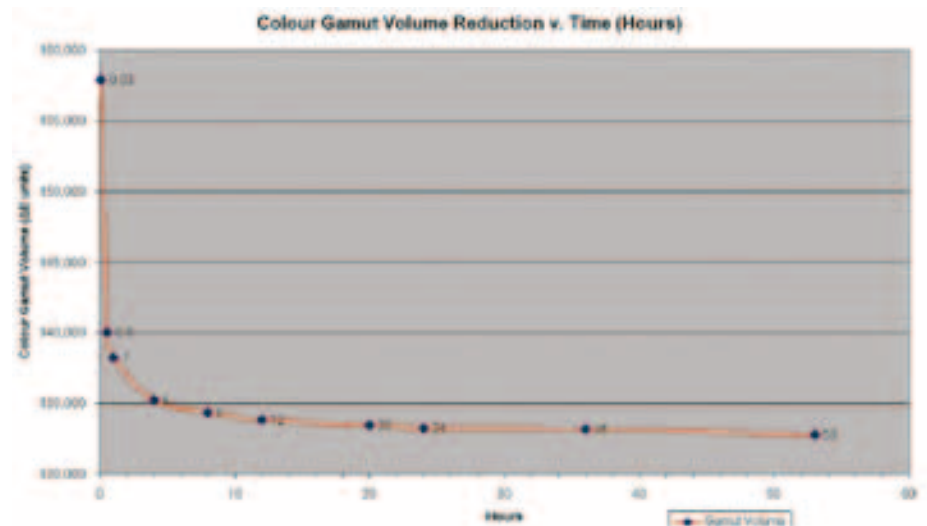
A second factor that has an influence on color rendering is the monitor itself, or rather its condition and display quality. Monitors are subject to regular calibration and should be replaced at specified intervals (generally around every 18 months).

The color accuracy of the printed result can be traced back to much earlier

events, namely data handling. End-to-end standardised production as per ISO-12647-3 is the best prerequisite for correct ink densities and thereby accurate colors. The ICC color management profile used for image separation to generate display proofs for advertisements is based on printed test charts, which are generally not freshly printed. This particular issue is worthy of special attention. The printer who removes a freshly printed copy from

running production for comparison with a hard copy proof that is eight or more hours old or with a soft proof, whose separations are based on a standard profile, is typically not even aware that the print and proof simply cannot by any stretch of the imagination match up!

The reason for this is as follows. In contrast to printing methods in which the ink dries or cures on the surface of the paper (through heat and polymerisation),



The gamut volume of inks on newsprint shrinks rapidly after printing. Here, the color range is reduced by more than 11 % after just 30 minutes.



Top and bottom views of the shrinking newsink-newsprint gamut after 2 minutes, 4 hours and 24 hours. After 4 hours, the gamut has lost almost 15 % of its color. The grey areas show the gamut boundary of the ICC ISOnewspaper26v4 profile. The freshly printed color gamut retracts to a size even smaller than the de facto standard newsprint color gamut in this example.

the relatively thin ink used for newspapers is absorbed immediately as soon as it comes into contact with the newsprint paper due to the open, rough surface structure of this material. This is often referred to „ink penetration“.

While on the one hand this is good, as less ink on the paper also means less smearing and no energy-intensive dryers are needed, it also has one serious disadvantage: the saturation of the colors drops the deeper the ink penetrates into the paper. This process stretches over a

period of several hours and varies from ink to ink.

By the time a copy reaches the hands of a reader or an advertising customer, its colors will look more „washed out“ than when it left the printing press. To date, printers have only been able to take this difference into account based on their own personal experience. The change in color due to the „dry back effect“ has now been investigated by WAN-IFRA in print tests.

The findings of these tests are now being incorporated in creation of a con-

trol desk soft proof profile which takes into account the difference between a freshly printed, color-intensive print and the same exact print after a specific period of time. This then provides printers with realistic colors of the freshly printed image displayed on the monitor as a soft proof.

„Printing quality color in newspapers is somewhat akin to hitting a moving target, but fortunately, color management does provide a solution,“ comments Andy Williams, Research Manager (Color & Imaging) at WAN-IFRA’s Competence Centre Newspaper Production.

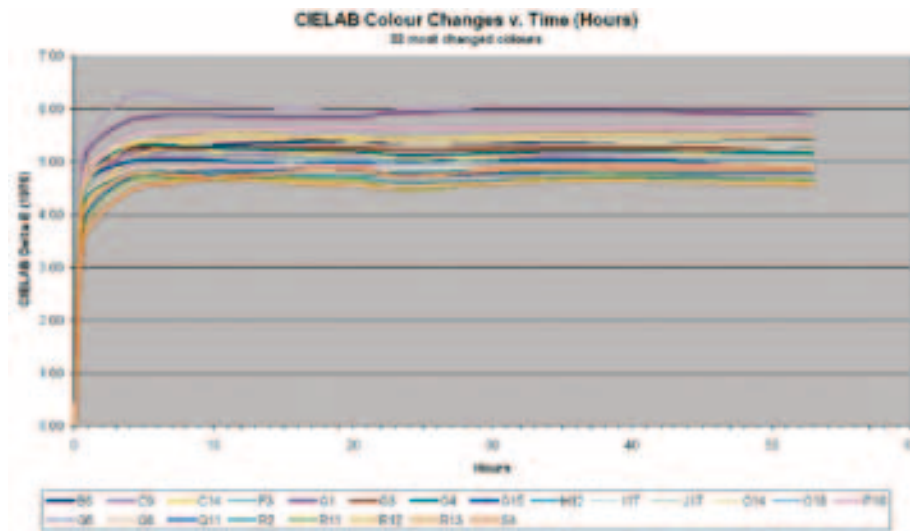
The following lists some of the key findings made to date:

- The reduction in color saturation of the print relative to the RGB image on a monitor is the most pronounced in the first 30 minutes and then reduces in severity as time progresses. The color space drops by 11 % in the first 30 minutes and drops by a total of 14.5 % after 4 hours. After some 53 hours, the reduction in comparison with the initial value is 16 %
- The color changes are not the same for all colors.
- The greatest changes can be observed in dark colors, in multi-color overprinting and in flesh tones.

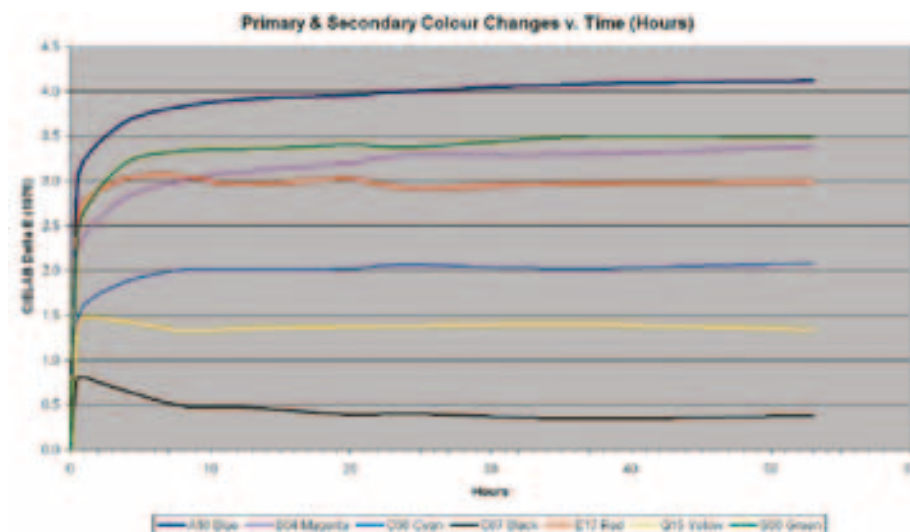
While a control desk soft proof profile is not the only key factor for simulation of a freshly printed copy, it does represent an important step in this direction. Further important aspects include the monitor itself, the viewing environment, the ink, the paper and the color sequence used in overprinting.

There are many other factors to consider when selecting a soft proofing system that can supply both true-color rendering that matches the freshly printed copy on the press and an on-screen display that meets the requirements of advertising customers.

Finding answers to these questions will be a subject of a WAN-IFRA Special Report, which is currently being drawn up. Should you have any questions or comments on the preparatory work for development of the control desk profile described above or if you require support with regard to soft proof integration and creation of soft proof profiles, please feel free to get in touch with WAN-IFRA.



A collection of 22 freshly printed colors that changed more than 4.5 CIELAB Delta E (1976) units within a period of 4 hours. The colors in the graph are arbitrary colors and not those of the measured color patches. In reality, they are mostly dark 3- and 4-color halftone combinations.



Cardinal color changes due to “dryback”. The changes are normally more for the 2-color R,G,B overprints than for the primary CMYK inks.

Plate technology trends

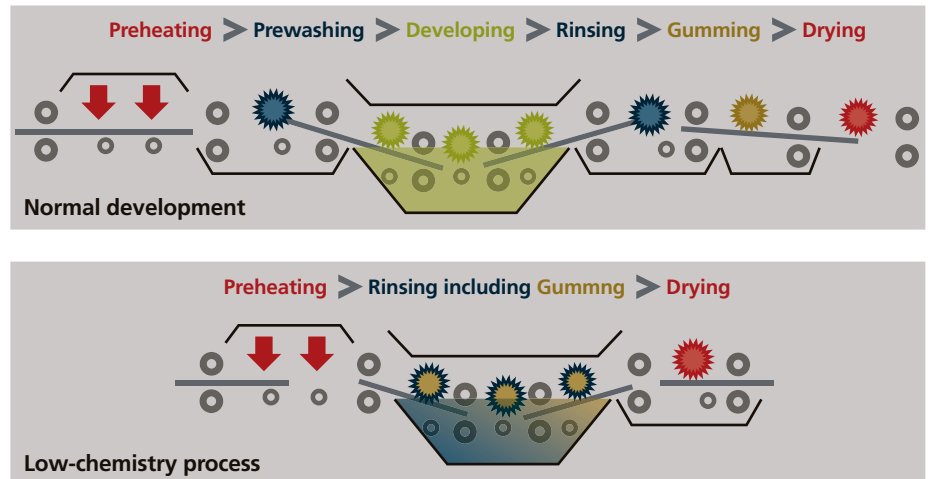
Reliable printing plates with low chemistry consumption

Newspaper plates – like paper and ink – are consumables. Accordingly, it is essential that they can be used both reliably and efficiently. Other important aspects are processing speed, plate stability and, increasingly, environment-friendly processing.

As when selecting production equipment in general, before deciding in favour of an imager and plate technology it is vital to establish requirements. Besides peak demand (maximum number of plates at main production time), points to be considered are the plate length of run capacity in relation to the print run (will one set of plate suffice?) and the required quality (resolution, tonal range).

Efficiency is more important today than ever before. Therefore whenever new investments are planned and the potentially suitable systems and technologies are evaluated, the question very soon arises concerning the costs for plate material, chemistry, water consumption, maintenance and cleaning intervals of the plate processor, useful life of the energy source, etc. Consideration of the aforementioned key data and the developed specifications will show which of the possible options is best suited from the cost point of view.

Of central importance for practical application in a newspaper printing plant is that a plate should run smoothly, that the print run can be produced reliably and



that a fast running-clean is ensured. User requirements include good quality consistency in order to guarantee production safety over a longer production period. Because newspaper printing plants are increasingly producing commercial-type objects in addition to newspapers, it is important that plates also satisfy these requirements (e.g. in relation to resolution) as, according to the manufacturers, special semi-commercial plates are neither necessary nor desired by newspaper customers.

Low-chemistry production

As in other areas of production, the trend towards greater ecological awareness con-

A comparison of the development processes of CTP plates: the steps in the conventional development of photopolymer violet and thermal plates (top) and the shortened workflow of the reduced-chemistry process (bottom). The elimination of chemical development as well as the prewashing and rinsing offers considerable potential savings of water consumption, cleaning and chemicals disposal.

tinues also in the plate sector. In a welcome development, the use of the formerly customary silver halide plates has decreased considerably. Not only is their disposal costly, but they have also become unattractive for environmental reasons. Today, they are only rarely used in Europe as well as in countries in which ecological standards exist. A major topic is that of low-chemistry plate processing. The plate manufacturers with the largest market shares – Agfa, Fujifilm and Kodak – have developed newspaper plates that get by with a mere fraction of the chemistry otherwise used in processing (Agfa and Fujifilm for photopolymer violet, Kodak for thermal).

Instead of the standard processors, shortened processing lines, so-called rins-



ing units, are being offered for the low-chemistry violet plates. An alternative approach for all operations wishing to test such plates before deciding whether or not to take the step of changing to low-chemistry processing is to convert their conventional processors correspondingly, which in most cases does not represent any problem.

Environmental awareness is increasing, but the most important question for the majority of newspaper printing plants is: Does the change to the low-chemistry option offer economic as well as ecological benefits? The manufacturers say it does. The change from silver to photopolymer plates brings immediate savings. A comparison between conventional and low-chemistry CTP plates reveals economies not only from the plate price and processing chemistry, but above all reduced maintenance, lower disposal costs and less water consumption. Dozens of newspapers are already working with the new plates and

“The length of run capacity of a plate depends both on the connection of the ink-carrying plate coating with the plate substrate as well as its resistance to mechanical and chemical influences during the printing process (impression, compression pressure, paper dust, ink, fountain agent). When planning to invest in new plate technologies, we recommend conducting intensive tests to determine whether the length of run capacity satisfies expectations under the given printing conditions.”

ROLAND THEES, WAN-IFRA

gaining experience with them. The best way to find out about the performance of the plates at the printing operation is to test them. The interaction of the equipment components, materials and chemicals that are used should not be underestimated and these must be carefully balanced.

The plate manufacturers are focusing their future development on optimising their products to satisfy the needs of newspapers and make them more environment-friendly. A high development potential exists in the area of process automation; there are still many parameters here subject to fluctuations and that therefore should be automatically monitored and corrected in order to stabilise the process and eliminate manual intervention.

Despite the high level of acceptance of the waterless offset technology (principally in Europe), as yet there is no competition in sight for the special plate developed by Toray, the only manufacturer of plates for this process to date (status: June 2010).

Shaping the Future of the Newspaper

atex

manroland



Norske Skog



telenor

A World Association of Newspapers and News Publishers
project supported by four strategic business partners

www.futureofthenewspaper.com

Since 1997, the World Association of Newspapers has partnered with some of the most prominent brand names in the media industry in order to provide newspaper publishers with actionable, strategic plans about the multiple challenges facing the industry.

The Shaping the Future of the Newspaper project was born to help newspapers address short-term and long-term plans to survive and thrive in the changing media environment. The SFN project identifies multiple topics of import to publishers' operational and strategic opportunities, and develops reports on these topics, which include step-by-step strategies, case studies, and analysis of trends -- in a context that is relevant to newspaper executives.

Today, the SFN project produces six strategic reports per year, both in print and electronically.

The Shaping the Future of the Newspaper reports provide deep analysis on major operational and strategic developments and opportunities for the newspaper industry.

The principal objective is to deliver essential planning and information tools to newspaper publishers, editors and managers world-wide.

Press acceptance testing

The preconditions for good newspaper printing quality

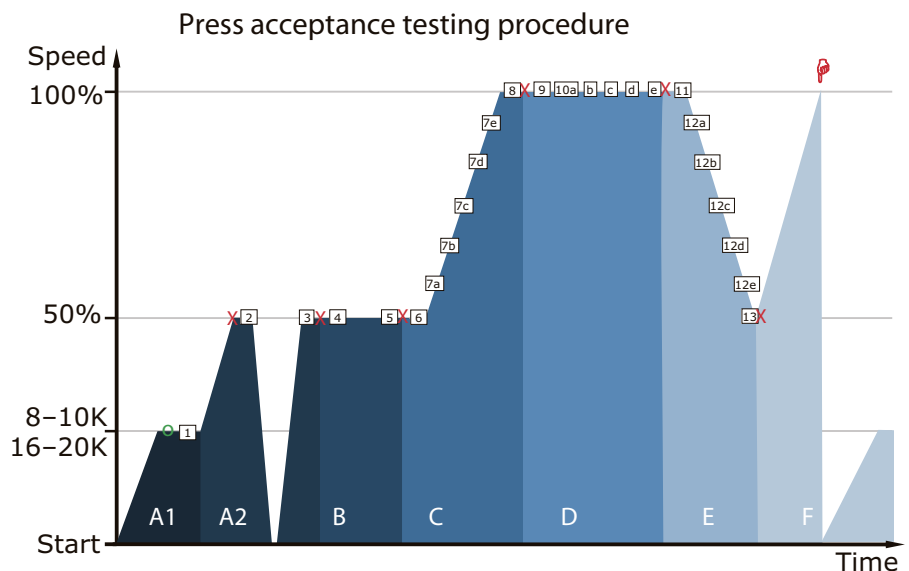
WAN-IFRA's consulting service has been offering neutral and well-founded support to member firms for many decades. The association supports members in many ways when they are considering making investments. These range from consulting with regard to the requirements of a new system, through evaluation of various quotes, right up to intensive acceptance tests.

It is always a good idea to call on external support from independent specialists and not blindly trust what manufacturers say, particularly when considering major investments such as new rotary press systems, mailroom lines or imagesetters. New technologies and the weak economic situation of many manufacturers often cause systems to be launched on the market, installed and commissioned before they are technically mature. WAN-IFRA consultants check both new and used machines using testing methods that have been proven over many years. A check is generally carried out in order to determine whether the performance and quality on offer actually match the values contractually agreed between machine manufacturer and printshop. Many contracts contain only inadequate acceptance test criteria. If this is the case, the testing methods and tolerances published by WAN-IFRA are ideal, since they have been drawn up over years in joint working groups with representatives from both manufacturers and users.

Press acceptance

The first draft of a method used for printing press acceptance tests was published back in 1991. The fourth revision of these procedural instructions was then published in 2008 as Special Report 01.2008 for the members.

The acceptance test for every rotary printing press includes both quality and performance tests. Test prints are also produced using a test chart matched specifically to the machine in question.



When creating the test chart, the printable page format and the arrangement of the ink zones (if applicable) are taken into account. To ensure that all towers are working optimally, most customers request performance of the quality test for all printing units.

The following quality tests are performed for various, typical operating conditions:

- A1: Press presetting
- A2: Repeat job
- B: Register repeat accuracy
- C: Acceleration
- D: Maximum speed
- E: Deceleration
- F: Emergency stop behaviour

In addition, performance tests are often carried out with the folders, also involving a check of the actually achieved waste levels. And tests are also performed focussing on the production in different operating modes. Here, the minimum and maximum number of pages are frequently set up and tested with different types of production (collect/double production, broadsheet/tabloid, one former/all formers, straight printing/perfecting, with/without

stitching, etc.) using standard newspaper products. The assessment of the performance tests is based on measured variables (cutting and folding register, quality of the folder delivery, etc.). To this end, products are removed as samples during various operating states (acceleration phase, maximum speed ...) and then analysed in the WAN-IFRA lab.

The results of the assessment are generally documented in a detailed report. All tests and the key values determined are shown in reference to the tolerance values.

Since performing these tests, and above all the evaluation of the measured results, is very cost and time-intensive, only well-prepared systems that the manufacturer has already optimised to the specified values should ideally be submitted for testing. Unfortunately however, experience has shown that the materials used (paper, ink, dampening solution) can sometimes also have negative effects on the test results. It is therefore a good idea to follow the manufacturer's recommendations, at least for the tests. This is often a big help in later discussions on why tests failed.

Automation in newspaper production

The newspaper factory is getting even closer

When it comes time for newspaper printers to make significant investments, they generally examine the automation options that are available to help them achieve significant increases in efficiency and ultimately reduce their manpower requirements. It is pretty amazing how far automation has come in the field of newspaper production. Indeed, many concepts have already become standard, allowing staff numbers at print shops to drop continuously over the last few years. “For bosses at newspaper publishers, perhaps the most important requirement when deciding to invest in automation is that such investment will generate sustainable cost advantages,” says Moritz Schwarz, who provides specialist support across the globe within the scope of his consulting work for WAN-IFRA .

One important requirement for use of automation in rotary printing is modern drive technology, employing shaftless individual drives which are essential for enabling precise control of printing units and folders. A sustainable positive effect on productivity and print quality, as well as reduced wastage is to be expected from (potentially retro) fitting web cleaning, blanket and roller washup systems and in particular automatic closed loop systems. They offer self monitoring and self-correction of certain printing conditions, such as web tension, various register adjustments and ink application. Cleaning systems remove paper dust and printing ink residue, while supply of consumables (paper, ink and dampening solution) can be equally well automated as plate change processes.

When replacing old equipment, it is often possible to reduce the number of printing units needed due to the fact that new presses are simply more productive, which in turn automatically reduces manpower requirements. Depending on the production situation, automatic plate change can potentially allow considerable time savings to be made in combination with dedicated plate logistics for the

printing press. Given sufficient platesetter performance and efficient workflow organisation, a system approaching just-in-time supply can be implemented, although a sorting stacker is still generally required.

The latest developments in the field of automation concern plate logistics and inline ink density control. Indeed, solutions for this field are now being offered by manufacturers in Japan, Europe and the US. By taking measurements directly in the print image, ink control is being replaced by color measurements in control elements. In this approach the setpoint data from prepress



is taken and compared against measured data recorded during the actual printing process. Alongside process automation, this kind of inline measurement in the printed image also offers many other advantages. For example, it allows verification to be given as to whether the printing plates have been positioned correctly, while continuous documentation of the quality level eases demands on operating staff. Systems (such as those used in Japan) whose measuring heads do not move across the width of the web and measure individual points, but rather record, evaluate and control the entire web width simultaneously (for example also during start-up of the rotary press) offer fast reaction times.

“To minimise metamerism effects, it would be great if spectrophotometers with tight bandwidths could be used in place of RGB cameras. Alternatively, precise color measurement can be achieved by radiating

the web with narrow-band spectral light of various wavelengths. Control of inking could then be completely automated with measurements of this kind,” says Schwarz.

One area that is rarely automated in Europe and the US, but which is for example heavily automated at major print operations in Japan, is paper logistics – from delivery of the paper reels, through storage, right up to loading in the rotary press, including removal of the empty reel core. Barcodes or RFID tags enable identification and tracking of the reels from their receipt, right up to their complete consumption. A paper management system keeps an eye on inventory levels and consumption and ensures on-time re-orders.

One prerequisite for end-to-end automation of production and finishing is the use of planning and control systems which communicate with one another and also modern control desk technology. The control desk is the central control console for controlling the rotary press. The machine is preset using the product planning and page data from prepress. The operator has all production-relevant information at his fingertips and can make any interventions or adjustments as necessary.

However, a “lights out” production system, in which everything works at the push of a button, is not yet in sight – even if the concept of a “fully automatic newspaper factory” is getting closer every year. Human operators are still required at certain points throughout the production process. And the role of production manager/supervisor, monitoring production and reaching decisions when unforeseen production rearrangements are necessary or faults occur, will definitely remain indispensable. Integrated production planning is also set to become increasingly important and this requires highly qualified personnel. And there is still no alternative to deployment of personnel for tasks such as cleaning, maintenance and repairs to equipment. As such, there is still plenty of scope for further innovation in this capital-intensive field.

The International Newspaper Color Quality Club Members 2010–2012

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Persgroep Printing Den Haag, Netherlands

AD Haagsche Courant, The Hague

This printing plant in The Hague is the successor of the home printing plant of the Haagsche Courant. This daily was founded in 1883 by Albert Willem Sijthoff in The Hague, Netherlands. In 1994 the company of the Haagsche Courant was taken over by Wegener in Apeldoorn. In 2009 the printing plant was sold – in combination with the selling of the AD Newspapers – to the Belgian Persgroep and is – together with the printing plant in Amsterdam – now part of Persgroep Printing Nederland.

In September 2005 the Haagsche Courant stopped as an independent daily and – together with six other regional newspapers and the nation-wide appearing Algemeen Dagblad – started a new life in the new publishing company AD Nieuwsmedia in Rotterdam. Four years later this company was sold to the Belgian Persgroep, as part of the deal that made the Persgroep the new owner of PCM publishers in Amsterdam. This deal made Persgroep one of the major publishers in the Netherlands.

Persgroep Printing Den Haag in The Hague prints fourteen editions of AD Nieuwsmedia at night time and nine at daytime, a daily distributed circulation of about 320,000 copies, a page-count of 56-64 tabloid on weekdays and 64-160 (in two runs) on Saturdays. One of the editions of AD Nieuwsmedia is the daily AD Haagsche Courant.

Persgroep Printing Den Haag (100 employees) is one of the two printing plants of Persgroep Printing Nederland. In the plant in The Hague two KBA Commander web offset presses, consisting of ten reelstands, six printing towers with eight printing couples each (10-cylinder satellites), produce about 4 million copies a week. Both presses can produce tabloids up to 96 pages in full color.

Besides the editions of AD Nieuwsmedia, Persgroep Printing Den Haag prints a great number of special issues for AD Nieuwsmedia as well as a number of weekly newspapers and commercials for Koninklijke Wegener N.V.

Evaluated Category

Coldset on Newsprint

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Chaos met vuilnis dreigt in steden

Staking kan komende feestdagen verpesten
 en gevaarlijke boel te worden in Amsterdam, Den Haag en Utrecht. Vuilnismanen grijpen onder meer Koninkrijksdag en de bevestigingsfeesten aan om te stakelen voor een loonsverhoging van 1,5 procent.

De vuilnismanen, vertegenwoordigd in de Vereniging van Nederlandse Gemeenten, hebben gisteren een pagetijd om actie te voeren. De Amsterdamse vuilnismanen hebben gisteren al een staking gehouden. In Rotterdam en Den Haag zijn de vuilnismanen al sinds gisteren aan het werk. De vuilnismanen hebben gisteren een pagetijd om actie te voeren. De Amsterdamse vuilnismanen hebben gisteren al een staking gehouden. In Rotterdam en Den Haag zijn de vuilnismanen al sinds gisteren aan het werk.



LAATSTE V2 OP WEG NAAR HAAGS MUSEUM

Bevrijder van Gouda' zeker 5 jaar te laat

De ontginningswerken van de laatste V2-ruiter zijn nu voltooid. De ruiter werd in 1945 door de Duitsers ontworpen. De V2 is 11,8 meter lang en weegt 19 ton. In de zomer van de ruiter zal een lading van 995 kilo opgeborgen worden.



WEER Vandaag 17°C -11°C 17/24 AD Print 15 Showroom 23 Kassa 20 De woensdag 23 TV 25 • Radio

Workflow	Circulation	71331
	Page format (mm)	290 x 415
	Editorial	Atex Hermes
	Ad-Booking	Agora CyberSell
	General Workflow	Via OPI to Elara/DOP
Prepress	File Checking	OneVision Asura
	Image Handling	Adobe Photoshop
	Color Management	Postscript to Distiller
	Ink Saver	
	Proof Software	
Plates	Proof Printer	Hewlett-Packard
	RIP	DOP
	Screen Technology	AM
	Screen Ruling	85 lpi
	CTP Imager	AGFA Polarix XTV
Print	Film Imager	
	Printing Press	KBA, Koenig & Bauer Commander
	Press Control	ABB MPS
	Closed Loop System	QI PRESS CONTROL Register + Cut Off
	Color Sequence	CMYK
Materials	Plates	AGFA Lithostar
	Printing Blankets	Kynio Supera
	Fountain Agent	Solco 1.41s
	Inks	Flint
	Paper	SCA Aylesford, Stora Enso
Paper Grammage	45 g/m ²	

Mayer & Söhne Druck- & Mediengruppe GmbH, Germany

Aichacher Zeitung, Aichach

Mayer & Söhne works with the following technical installations:

Sheet-fed offset:

1 x manroland R704+turning unit

1 x manroland R705+coating

1 x GTO single-color

1 x GTO two-color

Two folders

One Polar paper cutter

One collating machine equipped with 10 stations

One cylinder and one platen for punching and perforating jobs

Heatset:

1 x KBA Compacta C40

Gatherer-stitcher equipped with 7 stations and jacket feeder

Coldset:

2 towers for 16 pages each in the Berlin format, 4/4-color, manroland Geoman

3 towers for 16 pages each in the Berlin format, 4/2-color, KBA Journal

Two inserting machines equipped with 10 stations

One inserting machine equipped with 6 stations

Prepress:

Data reception, data processing,

plate exposure with 2 Kodak Trendsetter News imagers

The company has a total of 250 employees.

Evaluated Category

Coldset on Newsprint

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Workflow	Circulation	10000
	Page format (mm)	315 x 470
	Editorial	alfa Media Partner Newssuite
	Ad-Booking	alfa Media Partner ADBS-Client
	General Workflow	AGFA Apogee
Prepress	File Checking	OneVision Asura + Solvero
	Image Handling	Color Factory Smart Color
	Color Management	OneVision Asura + Solvero
	Ink Saver	OneVision Aura InkSave
	Proof Software	
	Proof Printer	
	RIP	AGFA Apogee APPL2
Plates	Screen Technology	AM-Raster
	Screen Ruling	120 lpi
	CTP Imager	Kodak 2 x Trendsetter News 100
	Film Imager	
Print	Printing Press	manroland Geoman
	Press Control	manroland PECOM
	Closed Loop System	
	Color Sequence	CMYK
Materials	Plates	Kodak Thermal News Gold
	Printing Blankets	Streb Royal Web
	Fountain Agent	Blue Print Blue fount
	Inks	Siegwerk/Huber
	Paper	UPM
	Paper Grammage	48.8 g/m ²

Masar Printing and Publishing, United Arab Emirates

Al-Bayan Newspaper, Dubai

Al-Bayan Newspaper was established in Dubai at the beginning of 1980, the first issue of the newspaper was published on 10th of May 1980, with 100 people in the editing team that comprised an elite group of journalists from the Arab World. The newspaper started with 20 Heterogeneous pages. The budget that initiated the newspaper was 15 million dirhams.

Al-Bayan Newspaper joined Dubai Media Incorporated in September 2009 in a historical move. The main part of Al-Bayan consists of 40 pages, and there are also three daily supplements: A 20-page "Al-Iqtisaidi (Economy)", a 20-page "Arriyadi "(Sport)" and a tabloid sized 24-page "Al-Hawas El-Khams" (Five Senses). There is also a weekly supplement called "Masarat (Orbits)" that consists of 48 tabloid pages and covers topics in culture, literature and the latest of publications and books.

In 1998, Al-Bayan started electronic publishing. In 2003, Al-Bayan launched its electronic version and in the same year, it launched the SMS service. Al-Bayan also was the first newspaper to launch the service of the classified advertisements in the Arab World through SMS, and that helped raise its revenues and made 10 % increase in the number of visitors to the website. Circulation increased 33 % as well, with the adoption of a new circulation strategy and now the newspaper is circulated in a number of Arab and Gulf States as well as in London, Paris, Bangkok, and soon it will be distributed in Australia and Germany. A large subscription campaign has been run which contributed in a 60 % increase in number of subscribers.

Al-Bayan Newspaper achieved a good growth in terms of circulation which helped in decreasing the returned papers to 45 % compared to 2009. Al-Bayan's income has risen 7 % since joining the DMI. Al-Bayan is run now by a highly trained and qualified national team led by Dhaen Shahin, who joined the newspaper in 1984. As a member of DMI, Al-Bayan is printed at "MASAR Printing & Publishing", the leading high quality printing & publishing. MASAR's Man Roland Cromoman 70 semi commercial is set up with 4 heatset and 12 coldset towers. It houses four dryers and after burners plus three state-of-the art folder units to cater for folding flexibly according to the job with staggering speed of 70,000 cph.

Evaluated Category

Coldset on Newsprint

Contact

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Workflow	Circulation	80000
	Page format (mm)	350 x 578
	Editorial	
	Ad-Booking	
	General Workflow	Kodak NewsManager
Prepress	File Checking	Kodak Prinergy EVO Preflighting
	Image Handling	Adobe Photoshop
	Color Management	GMG Color Server
	Ink Saver	GMG Ink Optimizer
	Proof Software	GMG proofing
	Proof Printer	Epson Epson9800
	RIP	Kodak Prenergy Evo
Plates	Screen Technology	Kodak Staccato FM Screening
	Screen Ruling	FM 36 Micron
	CTP Imager	Kodak Trendsetter News 200
	Film Imager	
Print	Printing Press	manroland Cromoman 70
	Press Control	manroland PECOM
	Closed Loop System	
	Color Sequence	CMYK
Materials	Plates	Kodak Thermal News Gold
	Printing Blankets	Contiair
	Fountain Agent	Varn Uniset
	Inks	Flint
	Paper	Holmen
	Paper Grammage	45 g/m ²

Allgäuer Zeitungsverlag GmbH, Germany

Allgäuer Zeitung, Kempten

Allgäuer Zeitung is a company with a long-standing tradition in the Allgäu region, which during the course of time, has developed to become the leading information medium there. The first edition of Der Allgäuer, as it was called then, was published on December 13, 1945. In 1968, Georg Fürst von Waldburg zu Zeil founded a newspaper together with Curt Frenzel from Augsburg, as a result of which Der Allgäuer became Allgäuer Zeitung. Today, the publishing house prints more than 120,000 copies daily, reaching some 280,000 readers with eight different local editions (Kempten, Füssen, Marktoberdorf, Kaufbeuren, Buchloe, Memmingen, Westallgäu and Immenstadt). The newspaper's strong focus on regional and local reporting has brought about a very close identification with the region and guarantees a high degree of market penetration. Today, the Allgäuer Zeitung media group is also active in radio and TV, online and mobile, mail and brochure distribution, web and sheet-fed offset printing.



Evaluated Category

Coldset on Newsprint

Contact

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	Circulation	108720
	Page format (mm)	327 x 480
Workflow	Editorial	alfa Media Partner News Suite Enterprise
	Ad-Booking	Inhouse developed AMS
	General Workflow	ABB Newsway
Prepress	File Checking	OneVision Asura + Solvero
	Image Handling	AGFA Intellitune
	Color Management	basICColor basicolor Monitor + cmYK
	Ink Saver	a.b.graph Inksaver at Harlequin-Rip
	Proof Software	Efi Colorproof XF
	Proof Printer	Canon IPF750
Plates	RIP	Global Graphics Navigator – Harlequin-Rip
	Screen Technology	AM
	Screen Ruling	121 lpi
Print	CTP Imager	Kodak Newssetter TH 180
	Film Imager	
	Printing Press	KBA, Koenig + Bauer Express
	Press Control	ABB MPS
Materials	Closed Loop System	QI PRESS CONTROL Register
	Color Sequence	CMYK
	Plates	Kodak Thermal News Gold
Materials	Printing Blankets	Trelleborg Vulcan 714 Master
	Fountain Agent	Varn Journal Fount SEWD
	Inks	Flint
	Paper	Lang / UPM
	Paper Grammage	45 g/m ²

Dar Alyaum for Press, Printing, and Publishing, Saudi Arabia

Alyaum Newspaper, Dammam

Established more than 40 years ago, Alyaum Media House has published Alyaum, one of the most popular daily newspapers in the Kingdom of Saudi Arabia. Its editorial office and printing complex are located in the eastern province of Dammam, the world's oil capital.

Alyaum also publishes Al-Mobaoaba, a free advertising paper. It has a weekly circulation of about 1 million copies for the cities of Dammam, Jeddah and Riyadh.

In December 2005 it acquired Rawnaa Publishing in Riyadh City, one of the largest publishing companies in Saudi Arabia.

Alyaum Printing Complex, a subsidiary of the Alyaum Media House, is an ISO 9001 company, and was awarded the prestigious IFRA ISO 12647-3 print quality certificate (2007).



Evaluated Category

1. Coldset on Newsprint
2. Heatset on SC or LWC paper

Contact

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Workflow	Circulation	140000
	Page format (mm)	324 x 553
	Editorial	
	Ad-Booking	
	General Workflow	
Prepress	File Checking	Enfocus PitStop Server
	Image Handling	Adobe Photoshop CS4
	Color Management	GMG Color Server
	Ink Saver	GMG Ink Optimizer
	Proof Software	GMG Proof Control
	Proof Printer	Canon Pixma
	RIP	Global Graphics Harlequin
Plates	Screen Technology	AM
	Screen Ruling	100 lpi
	CTP Imager	AGFA Advantage DL
	Film Imager	
Print	Printing Press	KBA, Koenig & Bauer Continent
	Press Control	EAE Print 4
	Closed Loop System	
	Color Sequence	CMYK
Materials	Plates	AGFA LAP-V
	Printing Blankets	Day International
	Fountain Agent	Varn
	Inks	Micro Inks
	Paper	SCA GraphoBright, Myllykoski MyPlus LWC
	Paper Grammage	45 + 51 g/m ²

ABP Pvt Ltd, India

AnandaBazar Patrika, Kolkata

When the house started its first publication in 1922, AnandaBazar Patrika was an evening daily. A four-pager that sold at two paise and had a circulation of about 1,000 copies a day. There were about 20 to 30 people in the office in North Calcutta. The type was hand-set at the nearby Gouranga Press. Reporters moved about on foot and by hack. In fact, most were freelancers writing for a cause: the freedom of the country. But the paper was so full of verve that it soon became popular.

Eight decades later, this leading daily reaches out to more than 1 million people a day, and it has spawned a media house (ABP Pvt Ltd) that has 12 premier publications, two 24 x 7 national TV news channels, two leading book publishing businesses and a mobile-internet outfit. In all, ABP reaches over 25 million people every day.

Print still forms the heart of the business. But all its products now are results of complex, technologically-advanced processes. Nearly 600 journalists prepare stories electronically. While working around the clock seven days a week, over 1,000 people turn these stories, along with classified and display ads, into finished products for readers.

ABP follows the mirror-and-windows approach. "We believe, the legacy you leave is the life you lead", reads its corporate purpose. "We look at the mirror and see ourselves as repositories of best practices and processes." Not surprisingly, ABP is associated with companies and personalities esteemed all over the world.

There are a number of "firsts" to its credit as well. It was the first to mechanise non-Roman language fonts in linotype; the first to develop modular layouts in the country; the first to initiate large-scale readership surveys in India, nine years before the National Readership Survey; the first to pioneer a Windows 95 programme in Bengali and Hindi. It was one of the first newspaper houses to be digitized. It's all about continuity and change for ABP: redefining its role as an innovator and remaining constant to the aim of building up a community of text. "Nothing ventured, nothing gained," they say. ABP has venture and gained in the process. It is today undisputedly one of the most profitable media conglomerates in India.

Evaluated Category

Coldset on Newsprint

Contact

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Workflow	Circulation	1100000
	Page format (mm)	350 x 533.5
	Editorial	
	Ad-Booking	Atex Enterprize
	General Workflow	AGFA Arkitex
Prepress	File Checking	OneVision Asura
	Image Handling	Adobe Photoshop CS4
	Color Management	Binu cmS
	Ink Saver	Binu cmS
	Proof Software	Serendipity Black Magic
	Proof Printer	Epson Stylus PRO 9450
	RIP	Harlequin Express RIP Ver8.0 rev.8
Plates	Screen Technology	AM Elliptical P
	Screen Ruling	100 lpi
	CTP Imager	Krause LS Jet 300
	Film Imager	
Print	Printing Press	WIFAG Offset 370S
	Press Control	ABB MPS
	Closed Loop System	ABB
	Color Sequence	CMYK
Materials	Plates	FUJI LP NNV
	Printing Blankets	Vulcan Royal Web SRS
	Fountain Agent	Böttcher IN-1004 G
	Inks	DIC Process Color
	Paper	ABITIBI SNP
	Paper Grammage	45 g/m ²

Apple Daily Ltd., Hong Kong

Apple Daily, Hong Kong

First published on June 20, 1995, Apple Daily is a Chinese-language newspaper and the most popular newspaper in Hong Kong. Since its launch, Apple Daily has transformed Hong Kong's Chinese print media market with its signature features of openness, liberalism, vibrancy and the quest for truth.



Evaluated Category

Coldset on Newsprint

Contact

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Workflow	Circulation	330000
	Page format (mm)	711 x 578
	Editorial	AWT Technologies Ltd Ed. Manag. Sys.
	Ad-Booking	AWT Technologies Ltd Advertising System
	General Workflow	Prolmage Newsday
Prepress	File Checking	
	Image Handling	Adobe System Design Standard
	Color Management	GMG Color Proof 4.5
	Ink Saver	
	Proof Software	Xerox Splash 630
	Proof Printer	Xerox, Epson
Plates	RIP	Highwater Design Ltd Torrent RIPv6
	Screen Technology	Philip 200P
	Screen Ruling	100 lpi
	CTP Imager	
Print	Film Imager	Creo Dolev 800
	Printing Press	Goss Universal 50
	Press Control	
	Closed Loop System	
Materials	Color Sequence	CMYK
	Plates	PA1
	Printing Blankets	Day International
	Fountain Agent	TR-NP News Fount
	Inks	DIC Graphics Australia
	Paper	Bowater
Paper Grammage	48.8 g/m ²	



400 million readers daily.

One out of three newspapers in the world is printed on a manroland press.

From newspapers to magazines, classified ads to double-page spreads, and from print-to-web and web-to-print, newspapers are changing and printing presses are changing too. manroland is proud that so many of its customers fulfilled the demanding conditions for the International Newspaper Color Quality Club. This is a confirmation for our future development work and it cheers us on. Thanks to our customers we are holding our leading position. WE ARE PRINT.®



manroland

Apple Daily Publication Development Limited, Taiwan Branch

Apple Daily (Taiwan), Taipei

Apple Daily, first published by Next Media Limited in Hong Kong in 1995, is the second most popular newspaper in the region. A sister publication carrying the same name branched out into Taiwan and was launched on May 2, 2003.

With the group's previous record, Apple Daily (Taiwan) also became Taiwan's largest selling daily newspaper, with an ABC sale of 499,185 copies. The newspaper's current cover price is 15 New Taiwan dollars.

Apple Daily (Taiwan) is the first mover venturing into the "infotainment" segment of the newspaper market with its dynamic way of reporting as well as its emphasis on layout and design. The newspaper maintained the highest print quality leads in attracting color advertising budgets.

Apple Daily (Taiwan) is printing in-house at two facilities situated in Tao Yuan and Kao Hsiung. The main plant has four Goss Universal 70 presses and is located in the northern part of Taiwan. The southern plant has two Goss Universal 70 presses; all have nine webs for full color printing capabilities, fully utilized running "straight" to enable distribution of the newspaper to most of the major counties in Taiwan within 2 hours.



Evaluated Category

Coldset on Newsprint

Contact

Apple Daily Publication Limited
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Workflow	Circulation	500
	Page format (mm)	686 x 578
	Editorial	AWT NewsDesk
	Ad-Booking	AWT Compuserve
	General Workflow	ProlImage Newsway
Prepress	File Checking	ProlImage Newsway
	Image Handling	ProlImage Newsway
	Color Management	
	Ink Saver	
	Proof Software	Epson Star proof 5.0
	Proof Printer	Epson Pro 9880
RIP	Global Graphics Harlequin Express RIP	
Plates	Screen Technology	
	Screen Ruling	100 lpi
	CTP Imager	
	Film Imager	Fuji F-9000 image setter
Print	Printing Press	Goss Universal 70
	Press Control	GOSS OPCS Level3
	Closed Loop System	EAE Closed loop control
	Color Sequence	CMYK
Materials	Plates	Fuji, Kodak
	Printing Blankets	MacDermid Graffity
	Fountain Agent	Phocolor HUBER HYDROLITH ZR-A
	Inks	DIC Australia CS-series
	Paper	Norske Skog, Catalyst, Stora Enso
	Paper Grammage	45 + 48.8 g/m ²

Presse-Druck- und Verlags-GmbH, Germany

Augsburger Allgemeine, Augsburg

The Pressedruck media group is one of the leading information provider in Germany. Its core product, the Augsburgischer Allgemeine newspaper, has a sold daily circulation of about 335,000 copies (Augsburger Allgemeine with Allgäuer Zeitung and all local titles), making it Germany's third-largest regional subscription newspaper. Besides the continual further development of the newspaper and its online offering, the company's strategic focus is on developing its range of media products in the areas of radio, TV, Internet, call centre, mail delivery, corporate publishing and direct distribution. In addition, the media group operates one of the most modern printing centres in Germany.



Evaluated Category

Coldset on Newsprint

Contact

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Workflow	Circulation	242,328
	Page format (mm)	350 x 510
	Editorial	alfa Media Partner NewsSuite
	Ad-Booking	Inhouse developed
	General Workflow	Alfa Admin, ABB MPS Cockpit
Prepress	File Checking	OneVision Asura + Solvero
	Image Handling	AGFA Intellitune, Photoshop, CGS
	Color Management	Gretag; basICColor; EFI; CGS
	Ink Saver	CGS Ink-Saver
	Proof Software	EFI Rasterproof
	Proof Printer	Canon, HP Designjet 1050C
	RIP	Harlequin Version 8.1
Plates	Screen Technology	AM Elliptical P
	Screen Ruling	120 lpi
	CTP Imager	Krause LS JET 300
	Film Imager	
Print	Printing Press	manroland Colorman XXL
	Press Control	PECOM; MPS Production
	Closed Loop System	
	Color Sequence	CMYK
Materials	Plates	Kodak Violet News Gold
	Printing Blankets	Day
	Fountain Agent	Huber Hydrofox
	Inks	Flint
	Paper	UPM News C
Paper Grammage	45 g/m ²	

Freiburger Druck GmbH + Co. KG, Germany

Badische Zeitung, Freiburg

Badische Zeitung is a daily newspaper founded in 1946 and published in Freiburg im Breisgau. The area of distribution of the Badische Zeitung covers the city of Freiburg, the districts of Breisgau-Hochschwarzwald, Emmendingen, Lörrach and Waldshut, south Ortenaukreis as well as part of Schwarzwald-Baar. The Badische Zeitung reaches some 440,000 (2009) persons living in the region.

It is produced daily with 21 different local editions. It has a total 16 offices throughout the area of distribution to cater to the needs of its readers.

Badische Zeitung is printed at Freiburger Druck GmbH&Co. KG in the waterless offset process on a KBA Cortina press and finished on a Ferag mailroom system. In addition to various prizes for outstanding quality, the printing plant was awarded an environmental prize in 2009 for its exemplary ecological performance.



Evaluated Category

Coldset on Newsprint

Contact

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Workflow	Circulation	160000
	Page format (mm)	315 x 470
	Editorial	Multicom NGen
	Ad-Booking	SAP-ERP, Medien System Haus Ad:Make
	General Workflow	Enfocus PowerSwitch, EAE Print
Prepress	File Checking	callas pdfToolbox4
	Image Handling	AGFA Intellitune 4, Photoshop
	Color Management	basICColor Print3, pdfToolbox4
	Ink Saver	basICColor Devil, pdfToolbox4
	Proof Software	EFI ColorProof XF
	Proof Printer	Epson Stylus Pro 4880
	RIP	Xitron HarlequinRip 8.1
Plates	Screen Technology	AM HarlequinRip 8.1
	Screen Ruling	177.8 lpi
	CTP Imager	Kodak Trendsetter News 200
	Film Imager	
Print	Printing Press	KBA, Koenig & Bauer Cortina
	Press Control	KBA
	Closed Loop System	
	Color Sequence	KCMY
Materials	Plates	Toray MX7
	Printing Blankets	Contitech CE 51
	Fountain Agent	
	Inks	Flint Eurostar waterless
	Paper	UPM News C
	Paper Grammage	45 g/m ²

National Zeitung und Basler Nachrichten AG, Switzerland

Basler Zeitung, Basel

The printing centre of the Basler Zeitung is the market leader in North-West Switzerland and a part of Basler Zeitung Medien.

The range of activities of the media house extends from newspaper and magazine publishing to the production of many different types of print objects. The best-known newspaper product is Basler Zeitung (daily newspaper: 95,000 copies). Besides local weekly newspapers, the publishing house's own print products include the free newspaper Baslerstab with a city and region edition (2 x weekly 190,000 copies).

In addition to the company's own newspapers, its programme of print products includes customer jobs such as Coopzeitung (500,000 copies weekly), Touring (official publication of the TCS Schweiz association (300,000 copies, bi-weekly), Kirche heute, Volksstimme, Neue Fricktaler Zeitung, Birsigtal-Bote, Riehener Zeitung, Saturn, Media Markt and many other newspaper objects.

The annual turnover of the Basler Zeitung Medien is 264 million Swiss francs, of which some 48 million francs are generated by the BaZ printing centre .

Built in 2003, the printing centre with its modern infrastructure is one of the most attractive newspaper printing houses in Europe. Installed in the building is a König & Bauer 4/4-color Commander newspaper press equipped with 8 printing towers, 3 folder deliveries and 9 autopasters.

Positioned directly beside the high-performance printing facility is an automatic basement-level reel store (Metso Paper Rollhandling) offering a capacity for 1008 reels. Two robots manage the reels.

Newspaper copies are wrapped and prepared for dispatch using the latest Ferag mailroom technology.



Evaluated Category

Coldset on Newsprint

Contact

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Workflow	Circulation	95000
	Page format (mm)	320 x 470
	Editorial	Woodwing
	Ad-Booking	Microsoft ADFS
	General Workflow	ABB MPS Plate Workflow
Prepress	File Checking	OneVision Asura
	Image Handling	AGFA Intellitune
	Color Management	
	Ink Saver	OneVision InkSave
	Proof Software	EFI ColorProof
	Proof Printer	
	RIP	Harlequin, 5.5
Plates	Screen Technology	AM
	Screen Ruling	52 lines/cm
	CTP Imager	AGFA Polaris x - Violett
	Film Imager	
Print	Printing Press	KBA, Koenig & Bauer Commander
	Press Control	ABB MPS 3.0
	Closed Loop System	
	Color Sequence	CMYK
Materials	Plates	Kodak T-77
	Printing Blankets	Conti Entropia
	Fountain Agent	Schmidiger Combiflex
	Inks	Flint (K), Huber (CMY)
	Paper	Utzenstorf Zeitungspapier Standard
	Paper Grammage	45 g/m ²

Singapore Press Holdings Ltd, Singapore

Berita Harian, Singapore

Incorporated in 1984, main board-listed Singapore Press Holdings Ltd (SPH) is Southeast Asia's leading media organisation, engaging minds and enriching lives across multiple languages and platforms. In Singapore, SPH publishes 17 newspaper titles in four languages. Every day, 3 million individuals or 79 per cent of people above 15 years old, read one of SPH's news publications. SPH also publishes and produces more than 100 magazine titles in Singapore and the region, covering a broad range of interests from lifestyle to information technology. SPH owns 2 state of the art printing facilities in Singapore that deliver more than one million copies of SPH newspapers in quality print each day.

One of the facilities (Print Centre) is located in western Singapore, & houses 2 types of Presses. The Colorliner presses started operation at the Print Centre in 1997 and is capable of producing 32 broadsheet pages in full color and 20 spot color broadsheet pages with a maximum speed of 80,000 copies per hour and a cruising speed of 72,000 copies per hour in straight run mode. The KBA presses started operation at the Print Centre in 2003. Besides matching the capabilities of the Colorliner presses, the KBA Commander presses can print up to 112 broadsheet pages in full color.

The other printing facility (Media Centre) is located in central Singapore, & houses the World's longest manroland UNISSET press. The UNISSET began operations in 2008 and currently prints the smaller publications of SPH with some foreign publications. With a maximum speed of 75,000 copies per hour, it can print a maximum of 88 broadsheet pages in full color.

A newspaper for the local Malay community, Berita Harian was established on July 1, 1957. It presents news and issues from home, the region and the world, featuring a wide spectrum of topics from sports to politics and religion. Other highlights include Malay culture and tradition, arts and heritage, family, hobbies and leisure. Berita Harian also provides a platform for the Malay community to voice their views on issues which concern them. It is a paper that speaks with authority and understands the needs of the Malay community.

Evaluated Category

Coldset on Newsprint

Contact

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Workflow	Circulation	62000
	Page format (mm)	327 x 545
	Editorial	Atex Hermes
	Ad-Booking	Proprietary-SPH ITD AdNet Ad Booking
	General Workflow	AGFA Arkitex
Prepress	File Checking	OneVision Asura, Inhouse develop. WebET
	Image Handling	AGFA Intellitune, Photoshop
	Color Management	IFRA ISONNewspaperv264.icc profile
	Ink Saver	Adobe Photoshop
	Proof Software	Fuji Xerox Color Profile Maker Pro
	Proof Printer	Fuji Xerox DocuColor 1257 GA
	RIP	AGFA Harlequin RIPs
Plates	Screen Technology	AGFA Sublima
	Screen Ruling	145 lpi
	CTP Imager	Kodak TrendsetterNews Ctp
	Film Imager	
Print	Printing Press	manroland UNISSET 75
	Press Control	manroland PECOM
	Closed Loop System	Quadtech Multicam
	Color Sequence	CMYK
Materials	Plates	Kodak Thermal News Gold
	Printing Blankets	Conti-Air Evolution
	Fountain Agent	Flint Ink (UK) Limited Uniset Fount
	Inks	Flint Ink (UK) Limited Low Mist Inks
	Paper	Stora Enso HYLTE
	Paper Grammage	45 g/m ²

Büchler-Grafino AG Druckzentrum Bern, Switzerland

Berner Zeitung, Bern

Büchler Grafino AG is your direct partner for planning and conducting your newspaper printing projects.

Opened in 2005, the printing center is equipped with KBA Commander 6/2 presses. Its high standard of printing quality and perfect dispatch management make it ideally suited also for company newspapers, newsletters, direct mails, voting papers as well as a growing number of printed advertising products. All in a cost-use ratio that is guaranteed to convince you.

Contact us for the planning, pre-press, printing and dispatch management (incl. addressing and subscription management) of projects in print runs from 5,000 to 10,000 "ad infinitum", and allow yourself to be positively surprised by the logistical arguments and our calculations.

The technical concept of the KBA Commander 6/2:

"6/2" means six newspaper pages across instead of the conventional four on a printing cylinder; the new web width is 1,920 mm (1,280 mm to date).

There are three presses installed at the printing center: one for 72 pages (tabloid = 144 pages) and two for 48 pages each (tabloid 2 x 96 pages). During peak production (between 22:00 and 04:00 h), depending on the splitting and distribution concept, between 330,000 and 500,000 newspapers with 48 or 72 pages can be printed with full color throughout and finished on the three, highly modern Ferag mail-room systems (completion, addressing, wrapping, dispatch management).

The printing installations are used during the day to produce customer jobs at attractive conditions.

Evaluated Category

Coldset on Newsprint

Contact

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Workflow	Circulation	150000
	Page format (mm)	320 x 470
	Editorial	Multicom NGen
	Ad-Booking	EDP Amasys, Multicom NGen
	General Workflow	AGFA Arkitex
Prepress	File Checking	OneVision Asura
	Image Handling	Adobe Photoshop
	Color Management	IFRA ISONewspaper264.icc profile
	Ink Saver	OneVision Asura
	Proof Software	
	Proof Printer	
	RIP	AGFA Harlequin
Plates	Screen Technology	AM
	Screen Ruling	137.2 lpi
	CTP Imager	Kodak Newssetter TH100
Print	Printing Press	KBA, Koenig & Bauer Commander 6/2
	Press Control	EAE Print 4
	Closed Loop System	
	Color Sequence	CMYK
Materials	Plates	Kodak Thermal News Gold
	Printing Blankets	Trelleborg Vulcan Reeves
	Fountain Agent	Optima News MDT Moderer
	Inks	Stehlin Hostag, Sun Chemical Rollo Temp
	Paper	UPM News Standard
Paper Grammage	45 g/m ²	

Edizioni Brescia S.p.a., Italy

Bresciaoggi, Brescia

Established in 1974, Bresciaoggi is published by Edizioni Brescia S.p.A., a company owned by Athesis Publishing Group. With a daily circulation of 18,000 copies Bresciaoggi is the second newspaper in his town (Brescia).

Athesis Publishing Group (2008 consolidated turnover € 104,600,000, 400 employees) publishes and prints also "L'Arena" (60,000 copies daily) and "Il Giornale di Vicenza" (50,000 copies daily). Athesis also prints near 50,000 copies of "Il Sole24 Ore" for north-east Italy and, during summer, an average of 15,000 copies of the Southern European edition of "De Telegraaf". Since 2002 Athesis, through a controlled company, has started the publication of three free papers, "In Città Verona", "In Città Brescia" and "In Città Vicenza".

Bresciaoggi started the publications on April 1974. For several years the company was owned by a cooperative company composed by journalist and other employees. In 1990 Athesis took the control of the newspaper.

Bresciaoggi is published seven days a week in a single edition and it's distributed in Brescia and in the surrounding area, that means a country with a population of around 1,150,000 inhabitants (190,000 of them in town). Strongly related to the country, Bresciaoggi is a comprehensive and up-to-date local newspaper that has not only a wide coverage of the local news but also a complete overview of the national and international topics on which also important Italian free-lance reporters give their contribute. In July 2007 the newspaper changed to a new format (350 x 500mm), completely renewed its graphic layout and increased the number of page to maximum 96 full color.

Top technology is used in the pre-press process: a Atex Hermes 10.2 system and an Agfa Arkitex: output the pages to CTP (Agfa Polaris XTV). In 2007 Athesis Publishing Group moved the production of its newspapers in a totally new and modern printing plant owned by a controlled company. In the press room two Man Colorman rotary presses were installed (double width, double circumference, 96 tabloid pages full color in collect production, 35,000 copies per hour). In the last quarter of 2009 the two rotary presses have been modified to reduce the web width from 200 cm to 180 cm; the more compact size (350x450 mm) fulfils better the requirements of the market.

Evaluated Category

Coldset on Newsprint

Contact

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Ing. Paolo Ciapetti, Production Assistant
Ing. Stefano Bigarelli, Quality Manager
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37122 Verona, Italy



Workflow	Circulation	18000
	Page format (mm)	350 x 450
	Editorial	Atex Hermes
	Ad-Booking	HIT RECLAME
	General Workflow	
Prepress	File Checking	OneVision Asura, EnfocusPitstop
	Image Handling	FOTOWARE Color Factory
	Color Management	X-RITE ProfileMaker
	Ink Saver	ALWAN cmYK OPTIMIZER ECO
	Proof Software	
	Proof Printer	
	RIP	AGFA GRAFIX
Plates	Screen Technology	AM
	Screen Ruling	100 lpi
	CTP Imager	AGFA POLARIS XTV
	Film Imager	
Print	Printing Press	manroland Colorman
	Press Control	manroland PECOM
	Closed Loop System	
	Color Sequence	CMYK
Materials	Plates	AGFA LITHOSTAR
	Printing Blankets	TRELLEBORG METAL BLANKET
	Fountain Agent	DAY-VARN MEDIA FUNT T
	Inks	HUBER ROLLOTEMP
	Paper	UPM, STORA, NORSE, PALM, BURGO
	Paper Grammage	45 g/m ²

DB Corp Ltd., India

Dainik Bhaskar, Jaipur

Dainik Bhaskar is a leading Hindi-language daily newspaper of India published by D B Corp Ltd, which is the largest publication group in India with publications in three languages. The current group editor of Dainik Bhaskar is Kalpesh Yagnik.

Dainik Bhaskar was first published in Bhopal and Gwalior of the central province. The newspaper was launched in 1956 to full-fill the need for a Hindi-language daily, by the name Subah Savere in Bhopal and it was renamed as Dainik Bhaskar in 1958. In terms of daily circulation, it is now second in India and ranked among the top 20 publications worldwide. The Dainik Bhaskar Jaipur edition was launched on December 19, 1996, and quickly gained a leadership position.



Evaluated Category

Coldset on Newsprint

Contact

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Workflow	Circulation	400000
	Page format (mm)	324 x 520
	Editorial	IN HOUSE DEVELOPMENT Matrix
	Ad-Booking	SAP IS MEDIA
	General Workflow	Adobe PDF
Prepress	File Checking	Enfocus Pitstop
	Image Handling	Adobe Photoshop CS2, CS3
	Color Management	GRETAG MACBETH SPECTROEYE
	Ink Saver	Inhouse developed Print Optimizer
	Proof Software	
	Proof Printer	
Plates	RIP	Harlequin NAVIGATOR
	Screen Technology	Harlequin ELIPTICAL P
	Screen Ruling	100 lpi
	CTP Imager	KRAUSE LS JET 300
Print	Film Imager	
	Printing Press	KBA, Koenig & Bauer PRISMA
	Press Control	EAE OPS
	Closed Loop System	QI PRESS CONTROL
Materials	Color Sequence	CMYK
	Plates	Technova VIO STAR
	Printing Blankets	TRELLEBORG VULCUN
	Fountain Agent	DSC NEWSFOUNT 1388
	Inks	MICRO INKS Good News
	Paper	JEONJU, SCA and OTHER MILLS SNP
Paper Grammage	45 + 48.8 g/m ²	

Jagran Prakashan Ltd, India

Dainik Jagran, Noida

Jagran Prakashan Ltd is publisher of the number one daily newspaper in Hindi. It is printed in eleven states by 38 printing centres all over India. Dainik Jagran is a fast growing newspaper with 14 vertical editions.



Evaluated Category

Coldset on Newsprint

Contact

Sandeep Gupta
 JAGRAN PRAKASHAN LTD
 D-210-211 SECTOR-63 NOIDA
 UTTAR PRADESH INDIA

Workflow	Circulation	2900000
	Page format (mm)	700 x 546
	Editorial	Inhouse Developed Editorial Mgm't System
	Ad-Booking	Inhouse Developed Booking System
Prepress	General Workflow	Inhouse Developed Editorial Mgm't System
	File Checking	Onevision Asura, Enfocus Switch
	Image Handling	Binuscan Ipm, Photoshop
	Color Management	Binuscan PDF Server
	Ink Saver	Binuscan PDF Server
	Proof Software	Bodhi. Star Proof
	Proof Printer	Epson Epson Pro-4400.
Plates	RIP	High Water Torrent, Harlequin
	Screen Technology	AM CMYK 90
	Screen Ruling	90 lpi
Print	CTP Imager	Krause CTP
	Film Imager	
	Printing Press	Manugraph Citiline
	Press Control	Siemens
Materials	Closed Loop System	Quadtech Inc Icon Base Multi Cam
	Color Sequence	CMYK
	Plates	Technova Vio*Star.
	Printing Blankets	Macdermid Rollin Graffity
	Fountain Agent	Technova Aqua Fount
	Inks	Dic India Ltd Cold Set News Ink
Paper	Bowater/Solikamskbumprom	
Paper Grammage	45 G/M ²	

Wegener NieuwsDruk Twente (WNT), Netherlands

De Twentsche Courant Tubantia

In November 1903, in the east-central Dutch city of Apeldoorn, Johan Frederik Wegener started publishing a news and advertising paper, which would later become Apeldoornse Courant (now de Stentor). More than a century later, that small local publishing house has grown into today's leading mediagroup Koninklijke (Royal) Wegener NV, based in Apeldoorn, specialized in regional newspapers and multi-media and listed on the Amsterdam Euronext stock exchange.

Wegener is the largest publisher of regional daily newspapers and free door-to-door newspapers in the Netherlands. Every day approx. 800,000 copies of Wegener's seven regional dailies are delivered to readers throughout a major portion of the country, reaching an average of 2.6 million readers daily. Wegener also produces some 225 free door-to-door newspapers and weeklies, which have a total circulation of about 8.2 million copies a week. In addition, Wegener develops and pursues opportunities involving internet products, including websites with millions of visitors.

One of Wegener's regional newspapers is De Twentsche Courant Tubantia, printed by Wegener NieuwsDruk Twente with 96 employees, one of the three printing divisions of Wegener NieuwsDruk and is located in Enschede.

De Twentsche Courant Tubantia has roots in the 19th century. Dagblad Tubantia (1872) and Twentsche Courant (1844) integrated in 1996 into De Twentsche Courant Tubantia. In addition to De Twentsche Courant Tubantia, Wegener NieuwsDruk Twente prints two other daily newspapers De Stentor and De Gelderlander, an impressive number of weekly newspapers and high quality commercials national and international for Koninklijke Wegener N.V. and other customers.

With the daily newspaper De Twentsche Courant Tubantia (7 editions), a daily distributed circulation of approx. 130,000 copies, a page-count of 48 tabloid on weekdays, 120 on Saturday, Wegener NieuwsDruk Twente was awarded membership of the International Newspaper Color Quality Club for the second time with two titles in recognition of outstanding printing quality.

Printing is done on 3 x 48 broadsheet KBA Colora newspaper rotary presses, installed in 1994, with the possibility of quarterfold production. Investment in quality improvement yielded good results by adoption of the ISO-12647-3 standard for newspaper printing, and introduction of colormanagement. Pre-press personnel and printers were trained to obtain the specific aim of improving printing quality.

Evaluated Category

Coldset on Newsprint

Contact

Wegener NieuwsDruk Twente
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DE TWENTSCHE COURANT Maandag 3 mei 2010
Jaargang 162, nummer 103. Prijs € 1,50

Tubantia

REGIO: Mogelijk nieuw onderzoek naar oorzaak vuurwerkbramp 23

VOETBAL: Heracles Almelo knap zeele, Peter Boez nieuwe trainer 50

VANDAAG OP ONZE SITE: Vanavond wordt de kampioen bij de 'Meest' gebuldigd

10* Vandaag in het bezit! en het papier bij u even! Pas morgen de avond wordt het uitgegeven! Meer op pagina 14

Fans volgden NAC - FC Twente van over de hele wereld

Bekijk de laatste woensdag foto's en filmpjes van de wedstrijd op www.tctubantia.nl

LANDSKAMPIOEN Succes van FC Twente ontketent weer volksfeest in regio, duizenden juichen spelers toe

De langstejar in Twente van de voetbalkampioenen. Op de nachtweg bij Markelo haken duizenden mensen de spelers van FC Twente feestelijk binnen. Eric Caste ter Elm

Zegetocht van onze helden

Het eerste landskampioenschap van FC Twente heeft een volksfeest ontketend dat zijn weerga niet kent. Meer dan 50.000 mensen waren in Enschede op de been om het succes te vieren. Lang de A1 was het een gekerkuis: iedereen wilde de kampioenen in de open bus zien.

maakt de Enschedeuse buszwaai, maar het streekluchter stadion De Galich Visse en verzamelden zich op tal van andere plaatsen voor het optreden.

De voetballers van FC Twente vonden zich bijgelijk bij zo veel aanblijvers. 'Het is de spelers al die onze Tallers tegen weten van: het gaan winnen', zei Visse.

'Al door mensen mogen we in het kampioenschap waken: het zit bij ons NAC-Breda. De bevestiging is erover: niet het idee op zich wachten, maar Twente was vanaf de eerste minuut hart en reinere. Daarmee scoorde Twente aan dat het onder leiding van trainer Steve McClaren een heel volwassen elftal is geworden met de afzet die een kampioen waardig is.

McClaren behoudt geroemd in alle euforie dat hij aan het begin van het seizoen veel ver twijfel had. Want zou die Twente wel wat kunnen betekenen? 'de spelers? Stuch en Raai kwamen pas aan in de voorbereiding, in het geroemde van het seizoen misten de bus toe het zou gaan. In het geroemde de spelers misten de bus toe het zou gaan. In het geroemde de spelers misten de bus toe het zou gaan.

De bus met kampioenen zijn duizenden mensen verzameld om zich in de hermen en op de rijsturen. Er was voor de bus bijna geen doordringen meer aan. Om half een gloed die politie iedereen van de nachtweg af te gaan om toegelaten te worden. Door dat mensen meestal parkeren in de bus en de nachtweg waken overleden werd het gevaarlijk. Nu een wedstrijd bij Borne wordt de A1 naar Enschede afgevoerd.

10 weken de krant voor € 25,-!

Kijk op www.tctubantia.nl of bel 088-013 99 70

Debusse-Landry

10* Kampioen, schenken, omgen pagina 4 en 5

10* Zeggen van de spelers pagina 37 en 40

10* Kampioensblijge FC Twente

Workflow	Circulation	123000
	Page format (mm)	289 x 415
	Editorial	Atex Prestige
	Ad-Booking	ATEX Enterprise
	General Workflow	
Prepress	File Checking	OneVision Asura
	Image Handling	AGFA Intellitune
	Color Management	
	Ink Saver	
	Proof Software	
	Proof Printer	HP Black Magic Inkjet
Plates	RIP	Adobe CPSI-rips 3016.103
	Screen Technology	
	Screen Ruling	40 lines/cm
	CTP Imager	AGFA Polarix XTV
Print	Film Imager	
	Printing Press	KBA, Koenig & Bauer Colora
	Press Control	EAE Print 4
	Closed Loop System	
Materials	Color Sequence	CMYK
	Plates	AGFA N91v
	Printing Blankets	Reeves (Trelleborg) Vulcan 202
	Fountain Agent	Fuji Dampstar 1.75 Q7
	Inks	Siegwerk Agilas
	Paper	Abibow news/Grapho News
Paper Grammage	45 g/m ²	

The Printers (Mysore) Pvt. Ltd., India

Deccan Herald, Bangalore

The Printers (Mysore) Private limited is a Group publishing company. The following publications are being published:

- 1) Deccan Herald – English Daily
- 2) Prajavani – Kannada Regional Daily
- 3) Sudha – Kannada Weekly Magazine
- 4) Mayura – Kannada Monthly Magazine.

Deccan Herald was founded 1947. It has six printing centres across the Karnataka State. Its head office is situated in Bangalore. The company has about 900 employees. So far, it has received one Gold and three Silver awards in the WAN-IFRA Asia Awards competition. It is one of the leading English and Kannada dailies in South India.



Evaluated Category

Coldset on Newsprint

Contact

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Workflow	Circulation	140000
	Page format (mm)	325 x 525
	Editorial	Quark QPS
	Ad-Booking	4C plus Layout X
	General Workflow	Quark QPS
Prepress	File Checking	OneVision Asura
	Image Handling	Fotoware Color Factory
	Color Management	Adobe Photoshop
	Ink Saver	Pro Image OnColor ECO
	Proof Software	Star Proof
	Proof Printer	Epson EPSON 7450
	RIP	Torrent Navigator
Plates	Screen Technology	Torrent
	Screen Ruling	100 lpi
	CTP Imager	Krause LSJET 150
	Film Imager	
Print	Printing Press	KBA, Koenig & Bauer KBA Colora
	Press Control	EAE
	Closed Loop System	Grafikontrol CR-10 and CR-20
	Color Sequence	CMYK
Materials	Plates	Technova Viostar
	Printing Blankets	ContiAir Entropia TR-2
	Fountain Agent	DSC Newsfount
	Inks	DIC W/o Coldset
	Paper	Rhein Newsprint
	Paper Grammage	45 g/m ²

DEWEZET – Deister- & Weserzeitung VerlagsGes. mbH & Co KG, Germany

Deister- und Weserzeitung, Hameln

The Deister- und Weserzeitung (DEWEZET) has been published in Hameln since 1848. The publishing house is owned and run in the seventh generation by the Niemeyer family. Today, as a regional publishing house with printing plant, DEWEZET has some 160 employees.

Besides DEWEZET, the company also publishes Pyrmonter Nachrichten in a daily combined print run of 33,000 copies. In addition, the company supplies the editorial jacket for five other titles of partner publishing houses based in the regions of Schaumburg and Deister, printed in the printing center in a print run of about 42,000 copies daily. The weekly production schedule, on top of the newspaper titles, includes more than 250,000 copies of advertising freesheets, one weekly newspaper as well as several high-quality commercial jobs.

Ad management is done with the Vi&Va system from Lufthansa Systems. Layout, jacket production and page finishing are carried out in the Funkinform Dialog 4.0 editorial system. This work is done in the publishing building in the city center and the print data transmitted via dedicated line to the new printing center, built in 2004. Every night, approximately 550 plates are imaged there, printing is done on a manroland Geoman equipped with two, four-high towers built in the blanket-to-blanket configuration. Up to 10 inserts can be processed by the inline Ferag mailroom system. In this way, every night between 22.40 h and 3.15 h about 75,000 newspaper copies are printed, wrapped and delivered to customers.



Evaluated Category

Coldset on Newsprint

Contact

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Workflow	Circulation	33000
	Page format (mm)	315 x 470
	Editorial	Funkinform Dialog 4.0
	Ad-Booking	Lufthansa Systems Vi&Va
	General Workflow	Krause / Wobe Systems: JetNet
Prepress	File Checking	OneVision Asura
	Image Handling	Fotoware Color Factory
	Color Management	
	Ink Saver	Krause / Wobe Systems: JetNet InkAdjust
	Proof Software	
	Proof Printer	HP DesignJet 1050CM
RIP	Xitron Navigator RIP	
Plates	Screen Technology	AM
	Screen Ruling	100 lpi
	CTP Imager	Krause LS Jet
	Film Imager	
Print	Printing Press	manroland Geoman 3/8
	Press Control	manroland PECOM
	Closed Loop System	
	Color Sequence	CMYK
Materials	Plates	Kodak ViolettNews
	Printing Blankets	Böttcher Top 5600 B
	Fountain Agent	Böttcher N 1004 G
	Inks	Hostmann Steinberg Good News
	Paper	UPM-Kymmene, Stora Enso, Palm
	Paper Grammage	45 g/m ²

Delo d. d., Slovenia

DELO, Ljubljana

Delo, d. d. is the largest newspaper print publishing house in Slovenia (d. d. stands for the shareholder company). Delo, d. d. covers more than 55 percent of the Slovenian newspaper market. Some 180 journalists with support from 220 technical staff publish the dominant national daily newspaper, Delo (circulation 50,000-70,000 copies), the tabloid newspaper, Slovenske Novice (average circulation 70,000-90,000 copies), and others (Sobotna Priloga, NeDelo, Delo & Dom, Ona, Polet ...). Delo began printing color in 1994 and became a member of the International Newspaper Color Quality Club for the first time in 1998. This happened after ISO 12647-1,2 and 3 standards had been applied. Delo has been a member of the club five times.

The editorial, advertisement and prepress system is digital, supporting publishing and production of all mentioned publications. There are more than 400 computers linked into the local area network (Mac OSX, Linux, PC/Windows) of the DTI system, plus some working stations with scanners and two digital print machines from Konica Minolta. Reproduction is locally driven through Adobe applications CS4 and in accordance of ISO specification with ICC profiles. Double document flows are created with solutions of ACCHAH (PuzzleFlow), OneVision (Asura) and RTI RIPS (Harlequin). All the configurations of both flows are again configured to ensure prepress within ISO standards. Our production system is composed with two thermal CTP systems. This equipment and thermal technology enable frequency screening.

All our production configuration is based on standardized ISO parameters using standard profiles ECI/ISO Web Coated.icc for "heatset publications" and with ISOnewspaper26v4.icc for newspaper printing.

Because of the coated and pigmented paper grades, most of the supplements as well as tabloid newspaper and monthly are printed heatset. Some of them on newsprint, another in the form of magazines on LWC or SC papers, completely in full color with a semi-commercial web offset press Uniset 70 accepted in the year 1999. Uniset 70 prints 6000 hours a year and is almost completely exploited through three work shifts. Since May 1, 2004, in addition to the daily newspaper, supplements such as Sobotna priloga and other local newspapers are also printed coldset with the Colorman 4/4 web press. Equipment from Muller Martini and Ferag is used for the daily delivery and mailroom.

Evaluated Category

Coldset on Newsprint

Contact

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www.delo.si



Workflow	Circulation	32000
	Page format (mm)	374 x 580
	Editorial	DTI
	Ad-Booking	DTI
	General Workflow	ACCCHS PuzzleFlow
Prepress	File Checking	ACCCHS PuzzleFlow
	Image Handling	Adobe Photoshop CS4
	Color Management	OneVision Asura
	Ink Saver	OneVision Aura InkSave
	Proof Software	Hamillroad Software Firstproof
	Proof Printer	Konica Minolta Bizhub c6501 pro
	RIP	RTI, Harlequin Rip
Plates	Screen Technology	AM
	Screen Ruling	100 lpi / 2400 dpi
	CTP Imager	Kodak Creo TrendSetter 100c
	Film Imager	
Print	Printing Press	manroland Colorman
	Press Control	PECOM; GRAFICONTROL
	Closed Loop System	
	Color Sequence	CMYK
Materials	Plates	Kodak KPG Thermal News Gold
	Printing Blankets	FlintGroup Day International 8897
	Fountain Agent	FlintGroup Adecin Web 1520, Condisal
	Inks	ANI (Flint Group) NOBxxx-910 news offset
	Paper	VIPAP Krško SOF
	Paper Grammage	45 g/m ²

Freiburger Druck GmbH + Co. KG, Germany

Der Sonntag, Freiburg

"Der Sonntag", a sister newspaper of the "Badische Zeitung" with editorial offices in Freiburg, Lörrach and Müllheim, is a weekly title published in a total print run of more than 340,000 copies. It is distributed free of charge and published – as the name indicates – always on Sunday with four different local editions: in Freiburg and environs, in the south-west region between Lörrach, Weil am Rhein, Rheinfeldern, Schopfheim and Basle as well as in the north Breisgau district, in and around Emmendingen as well as in Waldkirch im Elztal and in Markgräflerland.

The focus is on local reporting in the areas of politics, business, culture, culinary and leisure time activities as well as sports; Der Sonntag also brings articles on non-regional topics from the areas of pop music, lifestyle, film, TV and computers.

Der Sonntag is printed at the Freiburger Druck GmbH & Co. KG in the waterless offset process on a KBA Cortina press and finished on a Ferag mailroom system.

In addition to various prizes for outstanding quality, the printing plant in 2009 was awarded an environmental prize for outstanding ecological performance.



Evaluated Category

Coldset on Newsprint

Contact

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 79115 Freiburg, Germany
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 Marco Rauber
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Workflow	Circulation	340000
	Page format (mm)	315 x 470
	Editorial	Multicom NGen
	Ad-Booking	SAP-ERP, Medien System Haus Ad:Make
	General Workflow	Enfocus PowerSwitch, EAE Print
Prepress	File Checking	callas pdfToolbox4
	Image Handling	AGFA Intellitune 4, Photoshop
	Color Management	basICColor Print3
	Ink Saver	basICColor Devil
	Proof Software	EFI ColorProof XF
	Proof Printer	Epson Stylus Pro 4880
	RIP	Xitron HarlequinRip 8.1
Plates	Screen Technology	AM HarlequinRip 8.1
	Screen Ruling	177.8 lpi
	CTP Imager	Kodak Trendsetter News 200
	Film Imager	
Print	Printing Press	KBA, Koenig & Bauer Cortina
	Press Control	KBA
	Closed Loop System	
	Color Sequence	KCMY
Materials	Plates	Toray MX 7
	Printing Blankets	Contitech CE 51
	Fountain Agent	
	Inks	Flint Eurostar waterless
	Paper	UPM News C
Paper Grammage	45 g/m ²	

Axel Springer AG – Druckhaus Spandau, Germany

Der Tagesspiegel, Berlin

Axel Springer AG is a leading multimedia, integrated print, online and web TV company in Europe.

The Axel Springer publishing corporation was established in 1946 by the publisher of the same name and is today Germany's largest newspaper and third-largest magazine publishing house as well as a leading European media company.

Its wide-ranging media portfolio includes established and successful multimedia brands such as those belonging to the BILD and WELT group. Axel Springer is active in 36 countries with more than 170 newspapers and magazines, more than 80 online offerings for many different audiences and information needs as well as participations in TV and radio stations.



Evaluated Category

Coldset on Newsprint

Contact

Rene Fischer
Fertigungsleiter Druck
Axel Springer AG
Druckhaus Spandau
Brunsbütteler Damm 156-172
13581 Berlin

Workflow	Circulation	140000
	Page format (mm)	400 x 570
	Editorial	Atex Hermes
	Ad-Booking	ppi Media
	General Workflow	Procset adjust
Prepress	File Checking	OneVision Asura
	Image Handling	Adobe Photoshop
	Color Management	
	Ink Saver	
	Proof Software	ppi Media ppitrack
	Proof Printer	HP Designjet 4000
RIP	Arcitek Grafifixip	
Plates	Screen Technology	AM Conventional
	Screen Ruling	40 lines/cm
	CTP Imager	AGFA Polaris 150 violet
	Film Imager	
Print	Printing Press	manroland colorman S 40
	Press Control	EAE
	Closed Loop System	
	Color Sequence	KCMY
Materials	Plates	AGFA N 91 V
	Printing Blankets	Flint/Day Duco Headliner
	Fountain Agent	Hostmann hydrofix
	Inks	Siegwerk intensas
	Paper	Holmen Hallstavik
	Paper Grammage	42 g/m ²

C.A. El Universo, Ecuador

Diario Super, Guayaquil

C.A. El Universo was founded by Ismael Pérez Pazmiño. Its first edition, containing eight standard pages, appeared on Friday September 16, 1921. That first print run totalled 800 copies. Today, 89 years later, we are the largest circulating daily in all of Ecuador. The paper's managers, Carlos, César and Nicolás Pérez, maintain the principles of independence, objectivity, pluralism and service to the community that their father, Carlos Pérez Perasso, and his predecessors left them as their legacy.

The head offices of C.A. El Universo are located in the Ecuadorian city of Guayaquil, where a total of 834 employees produce three newspapers. We have two rotary presses, a printing plant and a radio station. Since 1995 we have been printing in offset, and in 2009 we installed a new rotary press with a dryer, which now gives us the option of offering semi-commercial printing services on various types of paper. We consume 10,000 tons of paper per year.

We print our main product, the Diario El Universo, in two daily editions containing a daily average of 52 standard pages; the Diario Super, in two daily 24-page editions in tabloid format; and a free weekly, VIVA, with 16 tabloid pages. Our newspaper editions include complementary products such as collectable serialized publications, specialized magazines, theme supplements and optional products. These are considered the best alternative for news and advertising by our readers and advertisers, as well as the best option as a distribution channel for printing and inserting products that need to reach our hundreds of thousands of daily readers of all social strata quickly and effectively.

Diario Super is our mass product, a daily oriented to the whole family, with a great deal of graphic content and summarized but quite complete news.

Diario El Universo is a traditional daily in universal format using leading edge technology.



Evaluated Category

Coldset on Newsprint

Contact

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Workflow	Circulation	350000
	Page format (mm)	280 x 317
	Editorial	Tera Digital Publishing Good News 3
	Ad-Booking	Ad layout
	General Workflow	Kodak Prinergy Evo Refine
Prepress	File Checking	OneVision Asura Pro
	Image Handling	Adobe Photoshop CS3
	Color Management	X-RITE ProfileMaker
	Ink Saver	OneVision Asura Ink Save
	Proof Software	EFI Color Proof XF
	Proof Printer	HP Designjet 1055 cm Plus
RIP	Kodak Prinergy Evo	
Plates	Screen Technology	AM
	Screen Ruling	100 lpi
	CTP Imager	Kodak Trendsetter News
	Film Imager	
Print	Printing Press	manroland Uniset
	Press Control	manroland PPM
	Closed Loop System	
	Color Sequence	KCMY
Materials	Plates	Kodak Thermal News Gold
	Printing Blankets	Continental Evolution TR
	Fountain Agent	Flint ARROWFOUNT
	Inks	Flint Arrowlith high Strenght
	Paper	Norske Skog Bio Bio Standard Newspaper
	Paper Grammage	48.8 g/m ²

Rheinpfalz Verlag und Druckerei GmbH & Co. KG, Germany

Die Rheinpfalz, Ludwigshafen

Die Rheinpfalz is the regional daily newspaper for the federal state of Palatinate. Distributed circulation: 248,540 copies daily (source: Audit Bureau of Circulation, first quarter 2010). Die Rheinpfalz reaches more than 640,000 readers daily, or 58 percent of the population over 14 years of age.

The decentrally organised publishing house today consists of 15 local editorial offices, four business offices and about 75 service points. Nearly 5,000 journalists, photographers, correspondents, publishing house staff, printing specialists and carriers provide Die Rheinpfalz readers with their morning news on seven days per week.



Evaluated Category

Coldset on Newsprint

Contact

Rheinpfalz Verlag und Druckerei GmbH & Co. KG
 Oggersheim, Germany
 Mr. Valentin Kneile
 E-mail: valentin.kneile@rheinpfalz.de

Workflow	Circulation	245000
	Page format (mm)	350 x 520
	Editorial	Atex Hermes
	Ad-Booking	SAP IS:MAM
	General Workflow	PPI PlanPag
Prepress	File Checking	OneVision Asura
	Image Handling	Adobe Photoshop
	Color Management	OneVision Intellitune
	Ink Saver	PPI InkSave
	Proof Software	PPI OM/Proofstation
	Proof Printer	Epson PRO 9450
	RIP	Highwater Harlequin 6.3
Plates	Screen Technology	FM 35 µ
	Screen Ruling	
	CTP Imager	Kodak Trendsetter News 200
Print	Printing Press	KBA, Koenig & Bauer Cortina
	Press Control	EAE Print
	Closed Loop System	
	Color Sequence	KCMY
Materials	Plates	Toray MX7
	Printing Blankets	Trelleborg Vulcan Metal News
	Fountain Agent	
	Inks	FLINT WL
	Paper	Utzenstorf alpnews
	Paper Grammage	45 g/m ²

Axel Springer AG – Offsetdruckerei Ahrensburg, Germany

Die Zeit, Hamburg

With a sold circulation of more than 500,000 copies, DIE ZEIT is Germany's leading quality newspaper.

Each edition reaches more than 2 million readers. Founded in 1946 in Hamburg, DIE ZEIT is published every Thursday – covering topics in the areas of politics, business, culture, science, education, society, travel and history. The publishing house and editorial division defend the principles of liberty, democracy and social responsibility.

Well-researched background articles, major features and strongly expressed editorials make DIE ZEIT not just a relevant source of information, but above all an important orientation-giving medium – in accordance with the policy of the former editor-in-chief and publisher, Marion Gräfin Dönhoff: "We want to offer the reader material so that he can form his own opinion, we do not want to indoctrinate him."

Printed with full color throughout, DIE ZEIT today offers a modern and elegant layout that has won many awards. In recent years, DIE ZEIT and its journalists have received prestigious awards, including the "European Newspaper Award," the "Henri Nannen Prize" and the "Medienpreis Sprachkultur."

Publishers of DIE ZEIT: Dr. Marion Gräfin Dönhoff (1909–2002), former German Chancellor Helmut Schmidt and Josef Joffe. Gerd Bucerius, the founding publisher, died in 1995. Giovanni di Lorenzo is the editor-in-chief.



Evaluated Category

Coldset on Newsprint

Contact

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 20095 Hamburg/Germany
 Phone: +49 40 32 80-0
 www.zeit.de

Workflow	Circulation	500000
	Page format (mm)	400 x 750
	Editorial	SoftCare Software K4
	Ad-Booking	SAP
Prepress	General Workflow	ProImage NewsWay 5
	File Checking	Enfocus Pitstop
	Image Handling	Adobe Photoshop CS 2
	Color Management	
	Ink Saver	
	Proof Software	EFI Colorproof XF 3.1
	Proof Printer	Epson Stylus Pro 4800, HP Designjet 4000
Plates	RIP	ProImage NWRIP, Harlequin
	Screen Technology	AM
	Screen Ruling	122 lpi
	CTP Imager	AGFA Polarix XT/VS1
Print	Film Imager	
	Printing Press	manroland COLORMAN 42
	Press Control	EAE
	Closed Loop System	
Materials	Color Sequence	KCMY
	Plates	Kodak T85N
	Printing Blankets	Duco Headliner
	Fountain Agent	Hostmann-Steinberg Hydrofix-Z
	Inks	Hostmann-Steinberg ROLLO-TEMP
	Paper	Stora Enso/SCA
Paper Grammage	42.5 g/m ²	

DB Corp Ltd., India

Divya Bhaskar, Ahmedabad

Bhaskar Group is India's Largest Newspaper group with a presence in 11 states through its 48 editions in 3 languages. Bhaskar group reaches to a total of 1.74 Crore readers. Growth has been tradition with Bhaskar and in last 12 years we have grown from 30 lac readers to 1.74 crore readers, from 5 Edition in 1 state to 48 editions in 11 states and from 1 language publication to 3 Languages.

22nd June, 2003 was a landmark day for Gujarat, this was the day that the shackles of the old order were broken and a new, modern newspaper, Divya Bhaskar was launched which took on board as also fulfilled the evolving need of the modern Gujarati readers by providing them with a newspaper of their choice.

It was the most strategic newspaper launch in the Indian newspaper industry. Long before its launch, Divya Bhaskar conducted a door to door survey of 8 lakh households in Ahmedabad to understand reader's individual need.

Soon Divya Bhaskar became a household name in Gujarat. Brand loyalties changed for better reporting, quality printing and 100% colorful presentations. Divya Bhaskar with its strategic launches increased penetration of the Gujarati daily and currently stands at 8 editions with a total of 7 print centers, with a circulation of 11.50 lakhs and a total readership of 37.14 lakhs (Source : IRS 2009 Round 1).

With the launch of DB Gold, an afternoon tabloid in Surat, My Fm, Radio station in Ahmedabad and Surat in 2007 and DNA, the fastest growing English daily, Bhaskar has also grown laterally. Print Planet started in November 2009. Divya Bhaskar has started up its new state of the art plant at Changodar, Ahmedabad, from 15th Nov, 2009 onwards. Some of the highlights of this plant are:

- Largest DWSC configuration (with Plow fold) of South East Asia
- 25000 SMT Land Area
- Rs.20000 Lac Investment
- 3500KVA Power backup
- Fully Air-Conditioned plant
- 9 double width towers with 3 folders can print 72 pages all color at a time
- Printing Capacity – 270,000 copies per hour
- IDAB WAMAC mailroom systems
- KRAUSE LS JET 300 CTP systems are having capacity to output 600 plates/hour

Evaluated Category

Coldset on Newsprint

Contact

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DB Corp Limited
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Gujrat, India



Workflow	Circulation	445000
	Page format (mm)	350 x 546
	Editorial	Inhouse Matrix
	Ad-Booking	SAP IS:MAM
	General Workflow	
Prepress	File Checking	Enfocus Pitstop
	Image Handling	Adobe Photoshop CS3
	Color Management	IFRA ICONS Profile
	Ink Saver	Inhouse developed Print Optimizer
	Proof Software	
	Proof Printer	
	RIP	Harlequin Navigator 8.0 R8
Plates	Screen Technology	AM LPI
	Screen Ruling	100 lpi
	CTP Imager	KRAUSE LS Jet 300
	Film Imager	
Print	Printing Press	KBA, Koenig & Bauer Prisma
	Press Control	EAE
	Closed Loop System	QI PRESS CONTROL
	Color Sequence	CMYK
Materials	Plates	Technova Viostar
	Printing Blankets	Reeves/Contair
	Fountain Agent	Technova Crownjewel CS1
	Inks	Huber, DIC, Flint
	Paper	Panasia Highbright SCA
Paper Grammage	48.8 g/m ²	

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www.DIE-ZEITUNGEN.de

Diligent Media Corporation Ltd, India

DNA, Bangalore

Daily News and Analysis (DNA) is Bangalore's second largest newspaper with an average circulation of more than 175,000 copies. DNA achieved this milestone in the short span of just 1 year. When DNA was launched on December 14, 2008, it was backed by a bold outdoor advertising and marketing strategy that had not been seen before in the history of the Indian media industry. Nearly 400,000 households were approached and their input taken.

The result of that enormous effort is there for all to see. DNA today is an integral part of Bangalore and the evidence is its growing average print run of more than 175,000 copies. It's only fair to say that the newspaper has managed to capture the imagination and pulse of this vibrant city. When DNA entered Bangalore, it made a promise to the people of the city to deliver crisp news, cutting-edge analysis and ground-breaking stories. A daily edition consists of an all-color 20-page main section, four pages of sports and four pages of local news. Along with the edition, After Hours (entertainment news) and DNA Money add tremendous value to our readership. DNA's printing press facility is state-of-the-art with the printing machine configuration consisting of four tower printing units of Double web width capable of printing 32 pages broadsheet all color at a maximum speed of 85,000 copies per hour. The DNA newspaper is a joint venture of the Bhaskar Group, one of India's largest media houses, and the Zee Group, a leader in the highly competitive Indian television market.



Evaluated Category

Coldset on Newsprint

Contact

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Workflow	Circulation	175000
	Page format (mm)	349.5 x 540
	Editorial	4CPlus Pvt.Ltd Quark Xpress Ver. 4.1
	Ad-Booking	4CPlus Pvt.Ltd Display Booking
	General Workflow	DB CORP LTD MATRIX Editor
Prepress	File Checking	Adobe Acrobat 7.0 Pro
	Image Handling	Adobe Photoshop CS
	Color Management	Adobe Photoshop CS
	Ink Saver	
	Proof Software	
	Proof Printer	
	RIP	Harlequin Navigator 8.0v5
Plates	Screen Technology	FM
	Screen Ruling	83-117 lpi
	CTP Imager	Krause LSJET 300
	Film Imager	
Print	Printing Press	KBA, Koenig & Bauer Prisma
	Press Control	EAE
	Closed Loop System	EAE
	Color Sequence	CMYK
Materials	Plates	Technova Viostar
	Printing Blankets	Vulcan Metal back blankets
	Fountain Agent	DSC News fount 1388
	Inks	Micro Ink
	Paper	SCA SNP
	Paper Grammage	48 g/m ²

Athesia Druck GmbH, Italy

Dolomiten, Bolzano

The daily newspaper "Dolomiten" is published six times weekly and is the daily newspaper for the German and Ladin-speaking population in the South Tyrol region, with some 98.6 percent of all copies distributed in that area. A dense editorial network covers the entire South Tyrol region, with six external editorial offices, 50 full-time editorial employees and around 150 freelance personnel ensuring the strong local focus of the daily publication.

Its national and international reporting also gives the newspaper an informative and cosmopolitan character. Dolomiten is published in the tabloid (Berlin) format and typically has 44 pages. The newspaper's clear structure with four separate sections already gives an indication of the publishing house's objectives to offer objective reporting and information. Dolomiten appears as a single edition with no partial or abridged editions.

Dolomiten is by far the most widely distributed print medium in the South Tyrol region. In 2009 the average print run was 50,094 copies. Due to its colorful supplements, most notably the Dolomiten magazine which appears on Fridays, its circulation varies markedly throughout the various days of the week on which it is published. Approximately 40 color supplements per year, also produced by Athesia and included with the publication, further enhance the daily newspaper's high value.

The widest audience is 93 percent, with some 66 percent of the German and Ladin-speaking population reading each edition. Some 77.7 percent of all copies sold are already subscription copies, while 22.3 percent are sold over the counter.

A total of 80 pages can be printed in the tabloid (Berlin) format in a single print run, 40 pages of which are 4-color, 24 of which are printed with one spot color and 16 of which are black & white.

The printing press configuration includes five printing units, with 2 x 8-unit towers (one of which has a vertical hot-air dryer), 1 x 6-unit tower and 2 x Y-printing units. The printing press is also equipped with five automatic splicers and one folder. It is possible to print both on newsprint (45 g) and coated paper (60 to 100 g) using the heatset process. The accessories connected to the printing press include an integrated stitcher with dual stitching capabilities and a rotary cutter for three-edge trimming.

Evaluated Category

Heatset on Newsprint

Contact

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Workflow	Circulation	50094
	Page format (mm)	315 x 470
	Editorial	Multicom NGen
	Ad-Booking	Henke & Partner HUP
	General Workflow	AGFA Arkitex
Prepress	File Checking	OneVision Asura + Solvero
	Image Handling	Elpical Claro, Photoshop
	Color Management	Adobe CS3
	Ink Saver	
	Proof Software	Oris Color Tuner, Serendipity Blackmagic
	Proof Printer	Epson Stylus Pro 4880
Plates	RIP	Harlequin GrafXrip
	Screen Technology	AGFA XM-Raster Sublima
	Screen Ruling	175 lpi
	CTP Imager	AGFA Polarix
Print	Film Imager	
	Printing Press	manroland Uniman
	Press Control	manroland Mavo
	Closed Loop System	
	Color Sequence	CMYK
Materials	Plates	AGFA LapOV
	Printing Blankets	Trelleborg Graffity
	Fountain Agent	Huber Group / Vegra Hydrofix / Violet
	Inks	Huber Group Good News / Revolution
	Paper	UPM NewsC
	Paper Grammage	45 g/m ²

C.A. El Comercio, Ecuador

El Comercio, Quito

Founded in Quito, Ecuador in 1906, Diario El Comercio is a standard-size daily that circulates nationwide. Quito, Ecuador's capital and the seat of the national government, is the paper's main market. Also circulating with the daily are specialized supplements in magazine format, which respond to the diverse needs of Ecuadorean society.

Diario El Comercio is one of the offerings of the GRUPO EL COMERCIO, a group of independent communication media that reaches its target audiences through a variety of means: printed, digital and radio broadcast.

National and international advertisers find in the Diario El Comercio the ideal medium for effective promotion of their products and services, which makes the paper one of the leading actors in the national advertising market.

The Diario El Comercio is a centenarian newspaper that has become a national landmark, and is a referent in the history of journalism in Latin America. It is the only Ecuadorean member of the Grupo Diarios de América (GDA, or Latin American daily newspaper group). It has received international awards for both its journalistic accomplishments and its technical execution.

The main strength of the Diario El Comercio lies in the credibility, independence, objectivity and reliability of its editorial pages. These attributes have made it a news leader in all strata of Ecuadorean society. Its leadership entails a responsibility to clear the way for the freedom of expression.

In 2009, to rise to the challenges that the international market places before us, GRUPO EL COMERCIO developed and built its new industrial plant, which includes a manroland Uniset rotary press and a Rima post press line. Because of its design and printing quality, this facility has been recognized by manroland as an exhibition and training center for Latin America. The new plant enabled the GRUPO EL COMERCIO to begin competing in the high-volume commercial printing business, with such diverse lines as books, magazines and brochures.

Evaluated Category

Coldset on Newsprint

Contact

Grupo El Comercio C.A.
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Workflow	Circulation	240000
	Page format (mm)	318 x 560
	Editorial	GN3 Good News
	Ad-Booking	GN3 EDT
	General Workflow	SCREEN TRUEFLOW
Prepress	File Checking	
	Image Handling	OneVision AMENDO, Photoshop
	Color Management	GretagMacbeth ProfileMaker
	Ink Saver	
	Proof Software	EFI COLOR PROOF XF
	Proof Printer	HP / EPSON DESIGNJET 130 / 7880
	RIP	SCREEN HQ 510 PC
Plates	Screen Technology	SCREEN ROUND / SPECTAIL
	Screen Ruling	100 lpi
	CTP Imager	SCREEN PT-R 6600
	Film Imager	SCREEN KATANA
Print	Printing Press	GOSS URBANITE, manroland UNISSET
	Press Control	manroland PECOM, Allen Bradley
	Closed Loop System	
	Color Sequence	CMYK
Materials	Plates	FUJI
	Printing Blankets	DAY E84
	Fountain Agent	MAGESTA 805
	Inks	FLINT ARROW LITE
	Paper	BIO BIO / INFORSA NEWS PRINT
	Paper Grammage	48.8 g/m ²

Comunican S.A., Colombia

El Espectador, Bogotá

When you receive the newspaper El Espectador each day, what you have in your hands represents the development of journalism over 123 years of tradition in Colombia, a paper with the best content in terms of its high credibility, objectivity and excellent quality.

El Espectador is characterized by depth of information, independence, impartiality and objective journalism.

In each of its editions, El Espectador presents an in-depth analysis of the news, and goes beyond all other media in its coverage. Complete computer graphics showing all the details involved.

In each copy of El Espectador you can enjoy the following sections every day:

- The Topic of the Day: Focus on the issue selected to be explored and discussed in the publication.
 - Judicial: Up-to-date news on judicial affairs. Public prosecutor's office, police force, among others.
 - Bogotá: News of Colombia's capital city.
 - Business: Focus on the current economic situation and business climate with news of interest and information for reference.
 - The Nation: The latest news of events, encounters and activities taking place around the country.
 - Living: Topics of interest for day-to-day living that enable readers to solve problems or resolve concerns regarding frequent activities.
 - International: Current news of the international panorama.
 - Culture: News of the arts reflected in events, biographies, stories, chronologies and the world's leading personalities in the cultural realm.
 - Cinema Guide: New films, cinemas, film listings and all the information to orient filmgoers in Bogotá.
 - Opinion: Space in which our columnists discuss the topic of the day or week in any national or international sphere.
 - Sports: National and international current events in the world of sports.
 - Pastimes: A space for the reader's entertainment, sudoku, cross-words, horoscope, etc.
 - A Chat with: Sprightly interviews with Colombian celebrities.
- El Espectador readers are not differentiated by demographic characteristics; they are identified by their values and life style. They are loyal readers with a critical attitude.

Evaluated Category

Heatset on Newsprint

Contact

Ing Fabio Hernán Chica Gaviria
Gerente Producción El espectador
Phone: 571- 423-23-00 ext 1228
Mobile: 57 320-211-06-47



Workflow	Circulation	80000
	Page format (mm)	289 x 400
	Editorial	Tera Digital Publishing gn3
	Ad-Booking	
	General Workflow	Tera
Prepress	File Checking	
	Image Handling	Topic
	Color Management	
	Ink Saver	
	Proof Software	Topic
	Proof Printer	Epson STYLUS PRO 7800
RIP	PRINERGY KODAK	
Plates	Screen Technology	Kodak AM
	Screen Ruling	110 lpi
	CTP Imager	Kodak TRENSETTER 800 III
	Film Imager	
Print	Printing Press	HARRIS M200
	Press Control	RGS IV QUADTECH
	Closed Loop System	KEY COLOR EPG
	Color Sequence	KCMY
Materials	Plates	Kodak ELECTRA XD
	Printing Blankets	TRELLEBORG VULCAN REFLECTON
	Fountain Agent	Flint RICOLINE
	Inks	FLINT ARROWEB
	Paper	NORSKE SKOG NORNEWS
Paper Grammage	45 g/m ²	

Casa Editorial El Tiempo S.A., Colombia

El Tiempo, Bogotá

Casa Editorial El Tiempo (CEET) comprises a wide portfolio of companies, of which El Tiempo is one of them. El Tiempo is the daily newspaper with the largest circulation and coverage in the country, with an average of 250,000 copies a day; three regional journals with a two-day-per-week circulation; Portafolio, the leading business daily paper in the country; City TV, a local TV channel in Bogotá; MultiRevistas, a publishing company for niche-oriented magazines; Eltiempo.com, the most visited media website in Colombia, as well as other activities related to commercial printing, private TV and databases.

El Tiempo has national coverage and is the journal with the largest circulation with six regional editions, as follows: Nacional, Medellín, Cali, Café, Caribe and Bogota, which are printed at three different plants.

The main plant is in Bogota where it has three Goss Metro and MetroLiner presses and one 4-tower NewsLiner press with a keyless inking system. The second printing plant is in Cali, in the province of Valle del Cauca, where there is a 4-tower Goss Universal 70 rotary press specialized in the printing of the highest quality coldset printing jobs. The third plant is in the city of Barranquilla, and has a 16-unit Goss Urbanite rotary press and the 4th press is located in Medellín and has a 16-unit Goss Urbanite rotary press.

For the printing from Monday through Saturday, the newspaper publishes an average of 54 pages and the circulation is 235,000 copies. Sunday edition, on the other hand, has 94 pages and circulates 400,000 copies. Weekday color content is an average of 24 pages and 40 pages for weekends.

The production area's main purpose is to carry out the work initiated along with Asociación de Diarios Latinoamericanos ATDL, Under WAN-IFRA's supervision, and ACER group (Alta Calidad En Reproducción, which translates High Quality Production), which consists of establishing and maintaining a common printing standard by applying parameters based on the ISO 12647-3 norm. This offers a similar result in the printing of ads to facilitate color work for customers that do not require a high degree of quality but, rather, consistency between different editions during printing time, without minding what type of machine is used.

Evaluated Category

Coldset on Newsprint

Contact

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Workflow	Circulation	250000
	Page format (mm)	317.5 x 560
	Editorial	Atex Hermes 11
	Ad-Booking	El Tiempo Avisos 3
	General Workflow	
Prepress	File Checking	OneVision Asura
	Image Handling	OneVision Amendo
	Color Management	
	Ink Saver	OneVision Ink save
	Proof Software	EFI ColorProof XF
	Proof Printer	Epson 7800
Plates	RIP	AGFA Arktype 8
	Screen Technology	AM
	Screen Ruling	100 lpi
	CTP Imager	AGFA Advantage xl
Print	Film Imager	
	Printing Press	Goss Universal 70
	Press Control	Honeywell Printa
	Closed Loop System	
	Color Sequence	CMYK
Materials	Plates	AGFA Lithostar ultra lap-v
	Printing Blankets	Day
	Fountain Agent	Flint SC 200
	Inks	Industintas
	Paper	Catalyst Marathon
	Paper Grammage	45 g/m ²

Masar Printing and Publishing, United Arab Emirates

Emarat Al Youm, Dubai

Emarat Al Youm is a tabloid newspaper, its first issue was published on September 13, 2005, the newspaper overall content focuses on the news and issues of interest to readers in the UAE, particularly local citizens; as part of a policy of commitment to professionalism based on accuracy, steadiness and consistency, determined at the same time, to meet the requirements of knowledge and thoughtful entertainment for our readers.

Emarat Al Youm attracts attention of Arab readers in the UAE by focusing on different aspects of their lives and concerns, through daily sections dedicated to them in the newspaper, besides, the newspaper promotes the cultural products of the UAE and its achievements in economy and learning, and exposes stories of success and excellence, away from exaggeration or dramatization.

Emarat Al Youm observes the community's activity in the country in general and Dubai in particular, and the creation of spaces for dialogue and interaction in the newspaper, or through its website, Emarat Al Youm gives stories of human aspect, business and social inquiries larger spaces, while omitting official topics and protocol or reducing them to the minimum.

Emarat Al Youm invests margins of the freedom of expression in the UAE, and in Dubai, seeking to improve content and enhance its credibility through exhibiting opinions and ideas in a neutral and accurate way, taking into consideration the social responsibility, so that our product doesn't affect the reader's right to acquire knowledge, and cause no harm to the reputation of the UAE or its people.

Emarat Al Youm has won many awards including an international award of info graphics. In addition, the newspaper offers a classified service to its readers seven days a week. It is ranked the first newspaper in terms of browsing the web on Google, and second in terms of number of readers in the UAE.

Emarath Al Youm is run by a qualified team of journalists led by Sami Al Reyami, the Editor-in-Chief.

As a member of DMI, Emarath Al Youm is printed at MASAR Printing & Publishing, the leading high quality printing & publishing house in the region specialized in newspaper and commercial print applications. Masar's manroland Cromoman 70 semi-commercial is set up with 4 heatset and 12 coldset towers. It houses four dryers and after burners plus three state-of-the art folder units to cater for folding flexibly according to the job with staggering speed of 70,000 cph.

Evaluated Category

Coldset on Newsprint

Contact

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Workflow	Circulation	75000
	Page format (mm)	289 x 400
	Editorial	
	Ad-Booking	
	General Workflow	Kodak NewsManager
Prepress	File Checking	Kodak Prinergy EVO Preflighting
	Image Handling	Adobe Photoshop
	Color Management	GMG Color Server
	Ink Saver	GMG Ink Optimizer
	Proof Software	
	Proof Printer	
	RIP	Kodak Prinergy EVO
Plates	Screen Technology	Kodak Staccato FM Screening
	Screen Ruling	FM 36 Micron
	CTP Imager	Kodak Trendsetter News 200
	Film Imager	
Print	Printing Press	manroland Cromoman 70
	Press Control	manroland PECOM
	Closed Loop System	
	Color Sequence	CMYK
Materials	Plates	Kodak Thermal News Gold
	Printing Blankets	Contiair
	Fountain Agent	Varn Uniset
	Inks	Flint
	Paper	Holmen
	Paper Grammage	45 g/m ²

Masar Printing and Publishing, United Arab Emirates

Emirates Business 24/7, Dubai

Emirates Business 24/7 is the first and only publication in the UAE providing the reader with first-rate business news that you can use.

The great business centers of the world – such as New York, London and Tokyo – all have their own dedicated publications that reflect the business environments of those cities. With the launch of Emirates Business 24/7 on December 9, 2007, the region, for the first time, has a publication worthy of its economic and financial dynamism.

The newspaper and its website, Business24-7.ae, not only provide exclusive and analytical coverage of what's happening, but anticipates events crucial to markets by leveraging its knowledge and resource bases, covering the A-to-Z of the local and regional economy. The UAE's first and only business newspaper also provides investors with insight on all business-related topics, from commodities and construction to technology and tourism.

Focusing on pertinent issues in modern UAE and international markets, this pioneering paper addresses the needs of not just businesses and executives but also of individuals by including special features on topics such as personal finance, sport, motoring, health and entertainment.

Business24-7.ae relays breaking news to readers throughout the day, seven days a week. Regularly-updated video coverage and image galleries also feature prominently online. This multi-dimensional approach to business news coverage guarantees exclusive, in-depth and interactive news. Emirates Business 24/7 is a product of Dubai Media Inc. The business daily is produced by a team of seasoned financial journalists, led by Riyadh Mickdady, Editor-in-Chief.

As a member of DMI, Emirates Business 24/7 is printed at MASAR Printing & Publishing, the leading high quality printing & publishing house in the region specialized in newspaper and commercial print applications. MASAR's manroland Cromoman 70 semi commercial is set up with 4 heatset and 12 coldset towers. It houses four dryers and after burners plus three state-of-the-art folder units to cater for folding flexibly according to the job with staggering speed of 70,000 cph.

Evaluated Category

Coldset on Newsprint

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 www.masarprint.com



Workflow	Circulation	70000
	Page format (mm)	289 x 400
	Editorial	
	Ad-Booking	
Prepress	General Workflow	Kodak NewsManager
	File Checking	Kodak Prinergy EVO Preflighting
	Image Handling	Adobe Photoshop
	Color Management	GMG Color Server
	Ink Saver	GMG Ink Optimizer
	Proof Software	
	Proof Printer	
Plates	RIP	Kodak Prinergy EVO
	Screen Technology	Kodak Staccato FM Screening
	Screen Ruling	FM 36 Micron
	CTP Imager	Kodak Trendsetter News 200
Print	Film Imager	
	Printing Press	manroland Cromoman 70
	Press Control	manroland PECOM
	Closed Loop System	
	Color Sequence	CMYK
Materials	Plates	Kodak TNG
	Printing Blankets	Contair
	Fountain Agent	Varn Uniset
	Inks	Flint
	Paper	Holmen, Norske Skog
	Paper Grammage	45 g/m ²

FAZ – Frankfurter Allgemeine Zeitung GmbH, Germany

Frankfurter Allgemeine Sonntagszeitung

On 30. September 2001, Frankfurter Allgemeine Sonntagszeitung was launched throughout Germany. The F.A.S. is the Sunday paper of the Frankfurter Allgemeine Zeitung. It is „lighter“ than the F.A.Z. because when reading a newspaper on Sunday readers want more than just facts, they want additional entertainment. So the F.A.S. universally develops all its topics as narrative and entertainment. The results are background information and stories that are exclusive and rich in content, coverage and analyses with style and wit. The F.A.S. is convincing thanks to its wide editorial coverage and its reader-friendly design. It is in color throughout and rich in informative graphics. And so the F.A.S. has more than 1.1 million readers per issue (AWA 2009) and net sales of 351,873 copies (IVW-audited figures IV. quarter 2009).

The F.A.S owns a great variety of first-rate topics and so the F.A.S. has ten sections starting with Politics, Sports and Feuilleton followed by Economy, Money and More, Society and Science and ending by Travel, Technology and Motor, Real Estate. Similarly to the F.A.Z. the Frankfurter Allgemeine Sonntagszeitung also publishes a regional Rhine-Main supplement exclusively for readers in the Rhine-Main area. This supplement is relating to events in Frankfurt und the Rhine-Main region as well as to local politics, business, regional sports and local cultural events.



Evaluated Category

Coldset on Newsprint

Contact

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Workflow	Circulation	464766
	Page format (mm)	400 x 570
	Editorial	Atex Hermes
	Ad-Booking	Lufthansa Systems Vi&Va
	General Workflow	
Prepress	File Checking	OneVision Asura
	Image Handling	Adobe Photoshop
	Color Management	Gretag ProfileMaker 5.08
	Ink Saver	
	Proof Software	Wobe-Team wNewsNet
	Proof Printer	EFI ColorProof_XF
	RIP	Torrent Harlequin v6.0 SP4D
Plates	Screen Technology	AM
	Screen Ruling	122 lpi
	CTP Imager	Krause Biagosci LS Jet 300
	Film Imager	
Print	Printing Press	KBA, Koenig & Bauer Commander
	Press Control	EAE Print Digital
	Closed Loop System	
	Color Sequence	CKMY
Materials	Plates	AGFA N92V
	Printing Blankets	Rollin Polycell
	Fountain Agent	Böttcher Fount N-1004
	Inks	Flint Eurostar
	Paper	Utzenstorf snowprint
	Paper Grammage	45 g/m ²

FAZ – Frankfurter Allgemeine Zeitung GmbH, Germany

Frankfurter Allgemeine Zeitung

The Frankfurter Allgemeine Zeitung was first published on November 1, 1949. Its name pays tribute to the old tradition of naming a newspaper for the city in which it is domiciled. More than 145 years ago, Frankfurt saw the birth of Frankfurter Zeitung, which was published until the Nation Socialists banned it on August 31, 1943. After World War II, several editors of the Frankfurter Zeitung came together to cooperate on the new Frankfurter Allgemeine Zeitung.

The Frankfurter Allgemeine Zeitung is one of the most important national newspapers in Germany and the world. It is published six times per week with average sales of about 370,000 copies and is sold in almost 140 countries every day. The delivery abroad counts about 18,000 copies. Who wants to subscribe to the F.A.Z. needs a fixed address, it doesn't matter where it is. More than 240 editors and one of the world's largest correspondent network provide exclusive information for every issue. The F.A.Z. is separated into four sections devoted to politics, business, finance with sports and arts and culture. This structure helps readers locate information quickly and easily. Special pages and supplements that change every day complement the newspaper's wide content. The F.A.Z. documents and comments on the events of the day in a competent and creditable way. A clear distinction of its basic journalistic principles. Rhine-Main Zeitung, the local supplement for the Rhine-Main region, is distributed every day in the greater Frankfurt area, which forms one of Europe's prime transport and communication centres which the readership of the F.A.Z. appreciates. Two-thirds of the readers are subscribers and every day 1.0 million people read the F.A.Z. (AWA 2009) by net sales of 370,406 (Mo.-Sat – IVW-audited figures, IV. quarter 2009).

The daily online edition (www.faz.net) of Frankfurter Allgemeine Zeitung with updates, backup reports and analyses published every minute, is online since 2001. In addition to the mentioned editorial departments the F.A.Z. owns Europe's biggest press archives with more than 42 million articles. The principal duty of the F.A.Z.-Archiv is to support the individual editorial departments with grounded back-up information. Everyday archivists of the F.A.Z. Archiv analyse 50 national daily newspapers and weeklies as well as from abroad. Not only the accommodation of the editorials with information is a business of the archives but also the performance of the archives is offered to the public and this for more than 20 years. www.faz-archiv.de.

Evaluated Category

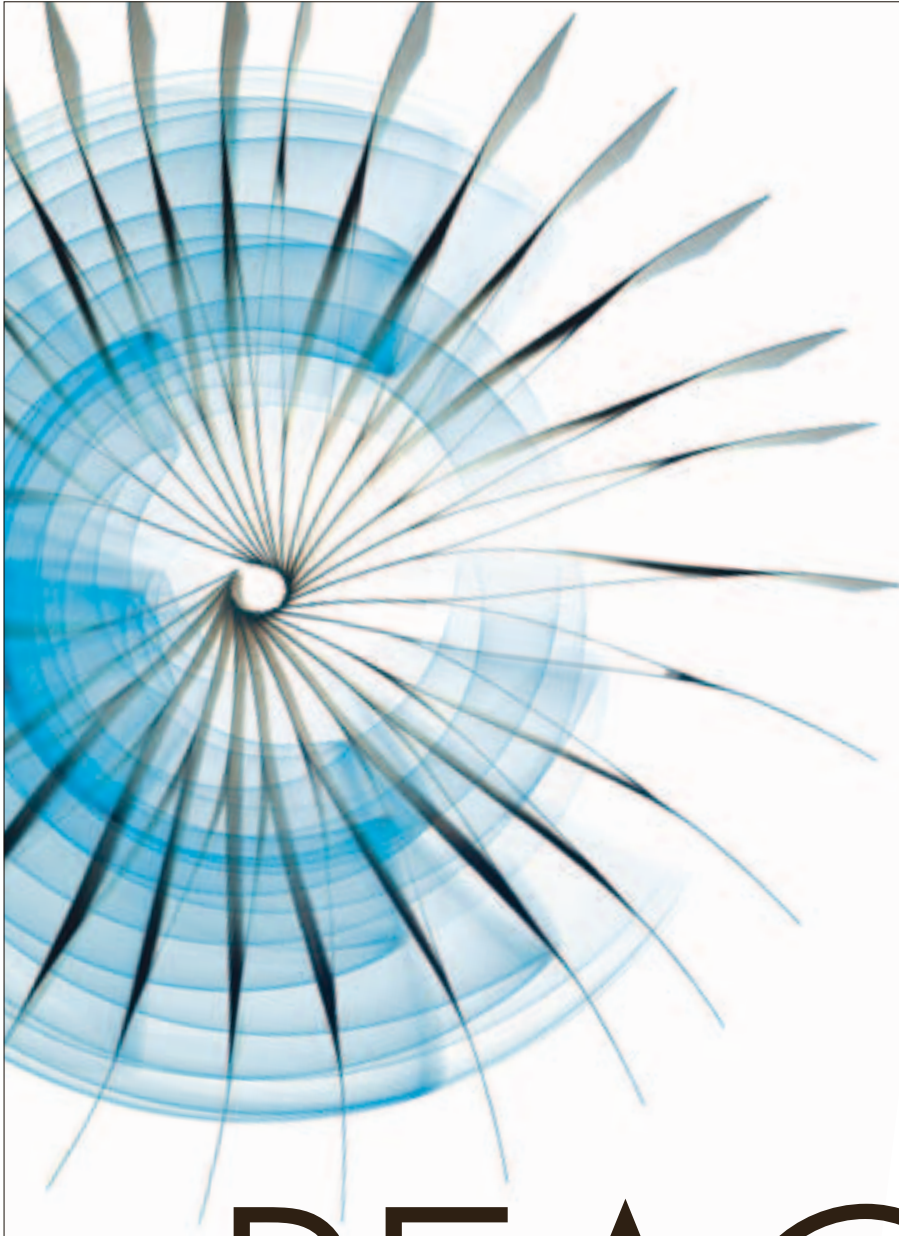
Coldset on Newsprint

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Workflow	Circulation	477755
	Page format (mm)	400 x 570
	Editorial	Atex Hermes
	Ad-Booking	Lufthansa Systems Vi&Va
	General Workflow	
Prepress	File Checking	OneVision Asura
	Image Handling	Adobe Photoshop
	Color Management	Gretag ProfileMaker 5.08
	Ink Saver	
	Proof Software	Wobe-Team wNewsNet
	Proof Printer	MVD Proof Viewer
	RIP	Torrent Harlequin v6.0 SP4D
Plates	Screen Technology	AM
	Screen Ruling	122 lpi
	CTP Imager	Krause Biagosch Laserjet 300 BlueFin
	Film Imager	
Print	Printing Press	KBA, Koenig & Bauer Commander
	Press Control	EAE Print 4
	Closed Loop System	
	Color Sequence	CKMY
Materials	Plates	Kodak Violet News
	Printing Blankets	Rollin Polycell
	Fountain Agent	Hostmann-Steinberg Hydrofix
	Inks	Siegwerk Generas
	Paper	UPM News C
Paper Grammage	45 g/m ²	



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Druck- und Verlagshaus Frankfurt am Main GmbH, Germany

Frankfurter Rundschau, Neu-Isenburg

Daily newspaper, communication service provider and printing center.

The Frankfurter Rundschau, published by Druck- und Verlagshaus Frankfurt am Main GmbH, is one of Germany's most important daily newspapers. In addition, through its printing center, located in Neu-Isenburg, the Frankfurter Rundschau produces print products daily with high levels of competency and reliability.

The printing centre in Neu-Isenburg is one of Germany's highest-capacity print production plants and specialises in producing newspapers for various publishing houses. More than 9 million newspapers and newspaper-type commercial objects are produced there weekly.

Attached to the printing center in Neu-Isenburg is one of Europe's most modern newspaper newsrooms. Journalists, technical staff and printers work closely together to make the Frankfurter Rundschau what it is: a product that is worth reading, informative and printed in a high standard of quality. It is considered to be a premium product among daily newspapers, justifiably one of the most important national daily newspapers in Germany and the leading subscription newspaper in the city of Frankfurt.

This is where experience pays off. The company was founded on August 1, 1945, and was the first daily newspaper to receive a licence from the Allies in the American sector. This makes it the second daily newspaper nationwide to receive a licence after World War II, it is even older than the Basic Law. Since its foundation, the newsroom and printing plant have been working towards becoming a bit better every day, and will continue to do so in the future.



Evaluated Category

Coldset on Newsprint

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Workflow	Circulation	179700
	Page format (mm)	285 x 400
	Editorial	Multicom NGen
	Ad-Booking	Henke und Partner Unique
	General Workflow	PPI
Prepress	File Checking	OneVision Asura
	Image Handling	Fotoware Color Factory
	Color Management	
	Ink Saver	
	Proof Software	GMG
	Proof Printer	Epson 9000
	RIP	AGFA
Plates	Screen Technology	AM
	Screen Ruling	100 lpi
	CTP Imager	Krause Laserjet
	Film Imager	
Print	Printing Press	KBA, Koenig & Bauer Commander
	Press Control	EAE Print
	Closed Loop System	
	Color Sequence	KCMY
Materials	Plates	Fuji LPNNW
	Printing Blankets	Trelleborg Polycell
	Fountain Agent	Huber/Hostmann Hydrofix-Z
	Inks	Siegwerk Accuras OS
	Paper	SCA Grapho News SZO
	Paper Grammage	42.5 g/m ²

Concentra Uitgeversmaatschappij nv, Belgium

Gazet van Antwerpen, Hasselt

Gazet van Antwerpen is a publication of the media group Concentra Media. It has a print run of 123,000 copies, in six regional editions. Concentra Media consists of 16 media departments, e.g. two daily newspapers, online media, free newspapers, television stations, a big local radio and a publishing house. The core newspapers are Gazet van Antwerpen and Het Belang van Limburg.

Gazet van Antwerpen is printed by Coldset Printing Partners Paal-Beringen. This printing center was founded in 1999. Today it prints about 4.5 million newspaper products each week. Coldset Printing Partners is known for its advanced color management. The combination of the up-to-date graphic workflow, the FM-screen technology and the video controlled exposure of printing plates, produces a maximum detail in the printed image. This explains why Concentra Media has won the International Newspaper Color Quality Club award multiple times.



Evaluated Category

Coldset on Newsprint

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Workflow	Circulation	125000
	Page format (mm)	285 x 405
	Editorial	DTI NewsSpeed
	Ad-Booking	Inhouse developed MAS
	General Workflow	AGFA Arkitex
Prepress	File Checking	Enfocus Pitstop
	Image Handling	AGFA Intellitune
	Color Management	Adobe Photoshop
	Ink Saver	AGFA OptiInk
	Proof Software	AGFA Arkitex
	Proof Printer	
Plates	RIP	AGFA Harlequin
	Screen Technology	AGFA AM
	Screen Ruling	100 lpi
	CTP Imager	AGFA Polaris
Print	Film Imager	
	Printing Press	KBA, Koenig & Bauer Commander
	Press Control	EAE
	Closed Loop System	
Materials	Color Sequence	CMYK
	Plates	AGFA Silverlith, AGFA Processless
	Printing Blankets	
	Fountain Agent	Flint MediaFount S
	Inks	Flint Eurostar series
	Paper	Stora Enso Langerbrugge
Paper Grammage	45 g/m ²	

Sin Chew Media Corporation Bhd, Malaysia

Guang Ming Daily, Kuala Lumpur

Guang Ming Daily is the largest circulated Chinese daily in the Northern Region of Peninsula Malaysia.

It boasts a daily circulation of approximately 125,000 copies. Guang Ming Daily has two different editions namely the Northern Region edition and the Central Region edition. It is a paper that not only gives its readers the latest news but also focuses on family and social issues. Hence, it is no surprise that this paper is widely read by women. This paper is also well-known for its entertainment and sports news.

Guang Ming Daily was started in 1987 and became a publication of Sin Chew Media Corporation Berhad in 2004.

The paper is printed on Goss Universal with a configuration consisting of eight towers 4 high printing unit of 711 mm web width capable of printing 32 pages broadsheet full color at a maximum speed of 50,000 copies per hour. The pressroom has three such line of Goss Universal machine.



Evaluated Category

Coldset on Newsprint

Contact

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Workflow	Circulation	125000
	Page format (mm)	355.5 x 578
	Editorial	AWT Editorial Mgm't System
	Ad-Booking	AWT Advertisement System
	General Workflow	ProlImage Newsway
Prepress	File Checking	OneVision Asura Pro
	Image Handling	Adobe Photoshop CS
	Color Management	OnColor
	Ink Saver	ProlImage OnColor ECO
	Proof Software	EFI ColorProof XF
	Proof Printer	Epson Stylus Pro 4800
	RIP	Global Graphics Harlequin RIP
Plates	Screen Technology	AM
	Screen Ruling	100 lpi
	CTP Imager	Kodak Gen News V Speed
	Film Imager	
Print	Printing Press	Goss Universal 50
	Press Control	GOSS Allen Bradley
	Closed Loop System	
	Color Sequence	CMYK
Materials	Plates	Kodak Thermal News Gold
	Printing Blankets	DAY International DAY 3000
	Fountain Agent	Toyochem Megapress 3001
	Inks	Toyochem WKNU ISO
	Paper	Stora Enso Newspress
	Paper Grammage	45 g/m ²

Axel Springer AG – Offsetdruckerei Ahrensburg, Germany

Hamburger Abendblatt, Hamburg

Launched in 1948, Hamburger Abendblatt has been the most read newspaper title in its area of distribution for 60 years. It has helped shape opinions and acted as a competent partner in Hamburg in the areas of business, politics, sport, culture and local news, complemented by numerous special reports, extensive editorial articles in its classified ad markets, six regional editions, and much more.

With 643,000 readers (2009), the Abendblatt is the leading title in its area of distribution.

Published daily, except on Sunday and public holidays.

Copy price: Monday-Friday 1.10 euros, Saturday 1.60 euros.

Sold circulation: Monday-Friday 225,611 copies, Saturday 280,761 copies (figures from the 1st quarter of 2010).



Evaluated Category

Coldset on Newsprint

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Workflow	Circulation	300000
	Page format (mm)	400 x 570
	Editorial	CCI CCI
	Ad-Booking	SAP IS:MM
	General Workflow	ASV ODS
Prepress	File Checking	OneVision Asura
	Image Handling	Adobe Photoshop
	Color Management	Adobe Photoshop
	Ink Saver	Adobe Photoshop
	Proof Software	EFI ColorProof XF
	Proof Printer	HP DesignJet 4000
Plates	RIP	AGFA ArkitekGrafikRip
	Screen Technology	Sublima
	Screen Ruling	60 lines/cm
	CTP Imager	AGFA Polaris XTVSi
Print	Film Imager	
	Printing Press	manroland COLORMAN 42
	Press Control	EAE
	Closed Loop System	
	Color Sequence	KCMY
Materials	Plates	Kodak T85N
	Printing Blankets	DUCO Headliner
	Fountain Agent	Hostmann-Steinberg Hydrofix-Z
	Inks	Hostmann-Steinberg ROLLO-TEMP
	Paper	SCA
	Paper Grammage	42.5 g/m ²

Wegener Nieuwsdruk Gelderland (WNG), Netherlands

Havenloods Noord, Apeldoorn

In November 1903, in the east-central Dutch city of Apeldoorn, Johan Frederik Wegener started publishing a news and advertising paper, which would later become Apeldoornse Courant (now de Stentor). More than a century later, that small local publishing house has grown into today's leading mediagroup Koninklijke (Royal) Wegener NV, with its headquarters located in Apeldoorn, specialized in regional newspapers and multimedia and listed on the Amsterdam Euronext stock exchange.

Wegener is the largest publisher of regional daily newspapers and free door-to-door newspapers in the Netherlands. Every day approximately 800,000 copies of Wegener's seven regional dailies are delivered to readers throughout a major portion of the country, reaching an average of 2.6 million readers daily. Wegener also produces some 225 free door-to-door newspapers and weeklies, which have a total circulation of about 8.2 million copies a week. Wegener door-to-door newspapers, part of Royal Wegener NV, is the largest publisher of free door-to-door newspapers in the Netherlands. One of the free weekly papers is "Havenloods Noord" with a total circulation of 128,000 copies per week. This free weekly door-to-door paper gives the reader an overview of last week's local news, articles, interviews, the agenda for the weekend and so on.

"Havenloods Noord" is printed by Wegener NieuwsDruk Gelderland with 179 employees, one of the three printing divisions of Wegener NieuwsDruk and is located in Apeldoorn, The Netherlands. Except from an impressive number of weekly door-to-door newspapers, Wegener NieuwsDruk Gelderland also prints the regional daily newspapers "De Stentor", "De Twentsche Courant Tubantia", and "De Gelderlander" and high quality national and international commercials for Royal Wegener NV and other customers. Wegener NieuwsDruk Gelderland has also a large range of pre-and after-press activities, such as binding and cutting, sealing, inclusion of information leaflets, wrapping and addressing.

Wegener NieuwsDruk Gelderland produces offset plates with KPG/Creo Trendsetter using Thermal News Plates. Along with the coldset press, Wegener also has a 32-page KBA Commander which enables Wegener Nieuwsdruk Gelderland to print semi-heatset products with the help of gas drying.

Evaluated Category

Coldset on Newsprint

Contact

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Workflow	Circulation	128000
	Page format (mm)	289 x 415
	Editorial	Atex Prestige+Hermus
	Ad-Booking	Atex Enterprise
	General Workflow	Inhouse developed
Prepress	File Checking	OneVision Asura
	Image Handling	AGFA Intellitune
	Color Management	IFRA ISONewspaperv264.icc profile
	Ink Saver	
	Proof Software	Serendipity BlackMagic
	Proof Printer	HP 1050 Inkjet printer
Plates	RIP	Alpha Quest
	Screen Technology	AM
	Screen Ruling	100 lpi
	CTP Imager	Kodak Trendsetter
Print	Printing Press	KBA, Koenig & Bauer Colora
	Press Control	EAE
	Closed Loop System	
	Color Sequence	CMYK
Materials	Plates	Kodak Thermal News Gold
	Printing Blankets	Reeves Royal Web
	Fountain Agent	Solco Dampstar 1.75 Q7
	Inks	Flint Group
	Paper	SCA Grapho News
	Paper Grammage	45 g/m ²

Heilbronner Stimme GmbH & Co. KG, Germany

Heilbronner Stimme, Heilbronn

"Firmly anchored in the region – informed on a worldwide scale!" is the motto of the Heilbronner Stimme, the leading media company and regional daily newspaper publishing house in northern Württemberg.

At the heart of the company is the daily newspaper with its full-blown editorial department that is published under the titles Heilbronner Stimme, Kraichgau Stimme and Hohenloher Zeitung with a daily total circulation of about 100,000 copies. A total of nine different editions for the city and region of Heilbronn as well as the Hohenloher region highlight the newspaper's local competency. More than 231,000 readers daily consult their newspaper. Its well-organised structure and design make it one of Germany's most modern and reader-friendly regional newspapers as well as the most important advertising carrier for the region. The "e-Stimme", i.e. the electronic version of the print edition, ensures that the contents are available to readers at all times and in every place.

Heilbronner Stimme is a family-owned company, established in 1946 by Paul H. Distelbarth and Hermann Schwerdtfeger. Today, Tilmann Distelbarth leads the media company in the third generation as publisher and CEO. Besides the daily newspaper and various regional special products (WirtschaftsStimme, Gesundheitsmagazin), the company's portfolio includes several Internet sites (www.stimme.de; www.stimmt.de; www.jobstimme.de; www.immostimme.de), an Internet TV channel (www.stimme.TV), a free weekly newspaper (echo am Sonntag, echo am Mittwoch), its own mail delivery service (RegioMail) as well as a video board. As an innovative media company, the company puts emphasis on marketing cross-media advertising and linking regional contents from print and online.

Under the guidance of Director Bernd Herzberger, a quality management team conducts continual quality controls. Detailed analyses of extensive testing and measuring series, combined with latest process technology, guarantee constant production optimisation. Regular investments in the digital workflow, IT as well as print and mailroom technology permit modern newspaper production in accordance with the most exacting quality demands.

Evaluated Category

Coldset on Newsprint

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Workflow	Circulation	98000
	Page format (mm)	350 x 520
	Editorial	alfa Media Partner NewsSuite
	Ad-Booking	alfa Media Partner AdSuite
Prepress	General Workflow	
	File Checking	CGS Oris
	Image Handling	Adobe Photoshop
	Color Management	IFRA ISONewsperv264.icc profile
	Ink Saver	AGFA Optilink
Plates	Proof Software	EFI Colorproof XF 3.1
	Proof Printer	Epson Stylus Pro 7800
	RIP	AGFA Arkitex Grafix Rip
	Screen Technology	Sandy Sandy P
Print	Screen Ruling	135 lpi
	CTP Imager	AGFA Polaris XTV
	Film Imager	
Materials	Printing Press	KBA, Koenig & Bauer Commander
	Press Control	EAE
	Closed Loop System	
	Color Sequence	CMYK
Materials	Plates	AGFA Lithostar Ultra
	Printing Blankets	Birkan Headliner
	Fountain Agent	UNI CLEAN Damp900-Z09
	Inks	Huber Good-News RO-CS
	Paper	Lang, Rheinpapier-Hürth
Paper Grammage	45 g/m ²	

Sanomala Oy, Finland

Helsingin Sanomat, Vantaa

Sanoma is a strong European media group operating in diverse fields of media in over 20 countries and the leading media group in Finland. There are five divisions in the Sanoma Group: Sanoma Magazines, Sanoma News, Sanoma Learning and Literature, Sanoma Entertainment and Sanoma Trade. In 2009, almost 17,000 people worked in the Sanoma Group and net sales were roughly 2.8 billion euros.

Sanoma News is the leading newspaper publisher in Finland, and its products have a strong presence both in print and digital format in the lives of their readers. In addition to Helsingin Sanomat, the largest daily in the Nordic region, Sanoma News publishes national and regional newspapers and is also a significant digital player in Finland.

Helsingin Sanomat is the largest subscription-based newspaper in the Nordic region. Founded in 1904, in the footsteps of predecessor, Päivälehti (1889 to 1904), Helsingin Sanomat has been Finland's largest paper since the early 20th century. The paper's weekday and Saturday circulation totalled in 2009 397,838 copies, and its Sunday circulation, 451,605 copies. One in five Finns, and three out of four people living in Greater Helsinki, read Helsingin Sanomat.

In addition to daily news, Helsingin Sanomat offers readers a monthly supplement, Kuukausiliite, a weekly supplement NYT and an online edition accessible via the Internet. The editorial departments of the printed and electronic supplements work independently, while remaining part of Helsingin Sanomat.

Sanoma News prints its main newspapers at five locations. The largest of these, Sanomala in Greater Helsinki, has been in the process of modernising its entire production process; the site started a new-generation printing press in 2003. Sanoma News' other printing plants are located in Forssa, Varkaus, Kouvola and Lappeenranta.

Sanomapaino is the biggest newspaper printer in Finland and altogether over 400 employees. Yearly printed copies reach almost 900 million and newsprint consumed 90,000 metric tons. Sanomapaino produces over 100 different titles.

Sanomala

The Sanomala printing plant covers half of our production and is one of Europe's largest newspaper plants. We have digital asset management, five CTP lines, two double folders and 13 printing towers (press line), five mailing lines and two bundle sorters (mailroom), about 200 staff and a yearly production of about 200 million mailed copies.

Evaluated Category

Coldset on Newsprint

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Workflow	Circulation	412000
	Page format (mm)	400 x 560
	Editorial	CCI Europe News Desk
	Ad-Booking	Atex Enterprise
	General Workflow	Flowman Engine
Prepress	File Checking	OneVision Asura
	Image Handling	Fotoware ColorFactory
	Color Management	Fotoware ColorFactory
	Ink Saver	OneVision Asura
	Proof Software	OneVision Asura
	Proof Printer	
RIP	Xitron (Harlequin) Navigator	
Plates	Screen Technology	AM
	Screen Ruling	100 lpi
	CTP Imager	Creo Trendsetter
	Film Imager	
Print	Printing Press	manroland Colorman
	Press Control	Honeywell Printa
	Closed Loop System	
	Color Sequence	CMYK
Materials	Plates	Fuji, Kodak Thermal Nerws
	Printing Blankets	ContiAir Entropia
	Fountain Agent	PrintCom Fount C 706 x
	Inks	Flint Group
	Paper	Stora Enso, UPM, Kondopoga
	Paper Grammage	42 + 42.5 g/m ²

Wegener Nieuwsdruk Twente (WNT), Netherlands

Hengelo's Weekblad, Enschede

In November 1903, in the east-central Dutch city of Apeldoorn, Johan Frederik Wegener started publishing a news and advertising paper, which would later become Apeldoornse Courant (now de Stentor). More than a century later, that small local publishing house has grown into today's leading media group, Koninklijke (Royal) Wegener NV, based in Apeldoorn, specialized in regional newspapers and multi-media and listed on the Amsterdam Euronext stock exchange.

Wegener is the largest publisher of regional daily newspapers and free door-to-door newspapers in the Netherlands. Every day approximately 800,000 copies of Wegener's seven regional dailies are delivered to readers throughout a major portion of the country, reaching an average of 2.6 million readers daily. Wegener also produces some 225 free door-to-door newspapers and weeklies, which have a total circulation of about 8.2 million copies a week. In addition, Wegener develops and pursues opportunities involving internet products, including websites with millions of visitors. Another unit of the group provides printed products and graphic services to Wegener companies and external clients. Wegener door-to-door newspapers, part of Royal Wegener NV, is the largest publisher of free door-to-door newspapers in the Netherlands.

One of the free weekly newspapers is Hengelo's Weekblad with a total circulation of 50,000 copies per week and a distribution in the eastern part (area of Twente) of the Netherlands.

This free weekly door-to-door newspaper gives the reader an overview of last week's local and international news, articles, interviews, the agenda for the weekend and so on. Hengelo's Weekblad is printed by Wegener NieuwsDruk Twente with 96 employees, one of the three printing divisions of Wegener NieuwsDruk and is located in Enschede, The Netherlands.

Wegener NieuwsDruk Twente also prints the regional daily newspapers De Twentsche Courant Tubantia, De Stentor and De Gelderlander and high quality national and international commercials for Royal Wegener NV and other customers. Printing is done on 3 x 48 broadsheet KBA Colora newspaper rotary presses, installed in 1994, with the possibility of quarter fold production.

Investment in quality improvement yielded good results by adoption of the ISO-12647-3 standard for newspaper printing, and introduction of color management. Pre-press personnel and printers were trained to achieve the specific aim of improving printing quality.

Evaluated Category

Coldset on Newsprint

Contact

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Workflow	Circulation	47500
	Page format (mm)	289 x 415
	Editorial	Atex Prestige
	Ad-Booking	ATEX Enterprise
Prepress	General Workflow	
	File Checking	OneVision Asura
	Image Handling	AGFA Intellitune
	Color Management	Gretag ProfileMaker
	Ink Saver	
	Proof Software	
Print	Proof Printer	HP Black Magic Inkjet
	RIP	Adobe CPSI-rips 3016.103
	Screen Technology	
	Screen Ruling	40 lines/cm
Plates	CTP Imager	AGFA Polarix XTV
	Film Imager	
	Printing Press	KBA, Koenig & Bauer Colora
Materials	Press Control	EAE Print 4
	Closed Loop System	
	Color Sequence	CMYK
	Plates	AGFA N91V
	Printing Blankets	Reeves (Trelleborg) Vulcan 202
	Fountain Agent	Fuji Dampstar 1.75 Q7
Materials	Inks	Siegwerk Agilas
	Paper	Abibow news, Grapho News
	Paper Grammage	45 g/m ²

HT Media Limited, India

Hindi Hindustan, Greater Noida

HT Media Ltd. is an 80 year-old company and a leading publishing house in India that publishes three major dailies: Hindustan Times (English), Hindustan (Hindi) and Mint, a financial paper (English). HT Media Ltd also has an FM channel: Fever 104; website: Hindustantimes.com; social networking site: Desimartini.com; and a jobs portal: Shine.com.

HT Media Ltd
Regad Office 18-20
Kasturba Gandhi Marg
New Delhi 110001
India



Evaluated Category

Coldset on Newsprint

Contact

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Workflow	Circulation	300000
	Page format (mm)	332 x 520
	Editorial	4c PLUS cmS
	Ad-Booking	manroland IS:MAM
	General Workflow	BOOKING thru IS:MAM
Prepress	File Checking	OneVision Asura
	Image Handling	Adobe Photoshop
	Color Management	OneVision Asura
	Ink Saver	
	Proof Software	Star Proof
	Proof Printer	Epson Stylus pro 9600
	RIP	Harlequin TORRENT RIP ver 7.1
Plates	Screen Technology	AM
	Screen Ruling	100 lpi
	CTP Imager	Krause LS Jet 300
	Film Imager	
Print	Printing Press	manroland Colorman
	Press Control	manroland PECOM
	Closed Loop System	
	Color Sequence	CMYK
Materials	Plates	Technova Viostar
	Printing Blankets	Vulcan Editor 10
	Fountain Agent	DSC Eurofont H
	Inks	DIC
	Paper	UPM News, Stora Enso
	Paper Grammage	45 g/m ²

HT Media Limited, India

Hindustan Times, Mumbai

HT Media Ltd. is an 80 year-old company and a leading publishing house in India that publishes three major dailies: Hindustan Times (English), Hindustan (Hindi) and Mint, a financial paper (English). HT Media Ltd also has an FM channel: Fever 104; website: Hindustantimes.com; social networking site: Desimartini.com; and a jobs portal: Shine.com.

HT Media Ltd
Regad Office 18-20
Kasturba Gandhi Marg
New Delhi 110001
India



Evaluated Category

Coldset on Newsprint

Contact

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Workflow	Circulation	350000
	Page format (mm)	332 x 520
	Editorial	Quark QPS
	Ad-Booking	manroland IS:MAM
	General Workflow	manroland IS:MAM
Prepress	File Checking	OneVision Asura
	Image Handling	Adobe Photoshop
	Color Management	OneVision Asura
	Ink Saver	
	Proof Software	Star Proof
	Proof Printer	Epson Epson Stylus Pro
RIP	Torrent RIP Version 7.1	
Plates	Screen Technology	AM
	Screen Ruling	100 lpi
	CTP Imager	Krause LS Jet 300
	Film Imager	
Print	Printing Press	manroland Regioman
	Press Control	manroland PECOM
	Closed Loop System	
	Color Sequence	CMYK
Materials	Plates	Technova Viostar
	Printing Blankets	ContiTech PrintCOM Metal back
	Fountain Agent	Varn General Fount
	Inks	DIC
	Paper	UPM News
	Paper Grammage	45 g/m ²

Società Athesis S.p.A., Italy

Il Giornale di Vicenza, Vicenza

Established in 1945, Il Giornale di Vicenza is published and printed by Athesis Publishing Group and, with a daily circulation of 50,000 copies, is the market leader in its town (Vicenza). Athesis (2008 consolidated turnover € 104,600,000, 400 employees) publishes and prints also "L'Arena" (60,000 copies daily) and "BresciaOggi" (18,000 copies daily) through a controlled company. Athesis also prints approximately 50,000 copies of "Il Sole24 Ore" for north-east Italy and, during the summer, an average of 15,000 copies of the Southern European edition of "De Telegraaf". Since 2002 Athesis, through a controlled company, has started the publication of three free papers, "In Città Verona", "In Città Brescia" and "In Città Vicenza".

Athesis owns three local TV stations (TeleArena, BresciaPuntoTV and TeleMantova) as well as, since 2000, a radio station (Radio Verona) and a small book publishing house (Neri Pozza, Vicenza). Advertising on the owned media is directly managed by PubliAdige S.r.l., a 100% Athesis-controlled company. Il Giornale di Vicenza started the publications on 30 May 1945. Athesis took control of the newspaper in 1958. Il Giornale di Vicenza is published seven days a week in a single edition and distributed in Vicenza and in the surrounding area, that means a country with a population of around 810,000 inhabitants (110,000 in the city).

With strong roots in the country, Il Giornale di Vicenza is a comprehensive and up-to-date local newspaper that has not only a wide coverage of the local news but also a complete overview of the national and international topics on which also important Italian freelance reporters give their contribution. In July 2007 the newspaper changed to a new format (350 x 500mm), completely renewed its layout and increased the number of page to maximum 96 full color. Top technology is used in the pre-press process: a Atex Hermes 10.2 system and an Agfa Arkitex: output the pages to CTP (Agfa Polaris XTV). In 2007 Athesis Publishing Group moved the production of its newspapers to a totally new and modern printing plant owned by a controlled company.

In the press room two Man Colorman rotary presses were installed (double width, double circumference, 96 tabloid pages full color in collect production, 35,000 copies per hour). In the last quarter of 2009 the two rotary presses have been modified to reduce the web width from 200 cm to 180 cm; the more compact size (350x450mm) fulfils better the requirements of the market.

Evaluated Category

Coldset on Newsprint

Contact

Dr. Silvio Da Giau, Technical Director
 Ing. Paolo Ciapetti, Production Assistant
 Ing. Stefano Bigarelli, Quality Manager
 Società Editrice Arena S.p.a.
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 37122 Verona, Italy



Workflow	Circulation	50000
	Page format (mm)	350 x 450
	Editorial	Atex Hermes
	Ad-Booking	HIT RECLAME
	General Workflow	
Prepress	File Checking	OneVision Asura, Enfocus Pitstop
	Image Handling	FOTOWARE Color Factory
	Color Management	X-RITE ProfileMaker
	Ink Saver	ALWAN cmYK OPTIMIZER ECO
	Proof Software	
	Proof Printer	
	RIP	AGFA GRAFIX
Plates	Screen Technology	AM
	Screen Ruling	100 lpi
	CTP Imager	AGFA POLARIS XTV
	Film Imager	
Print	Printing Press	manroland Colorman
	Press Control	manroland PECOM
	Closed Loop System	
Materials	Color Sequence	CMYK
	Plates	AGFA LITHOSTAR
	Printing Blankets	TRELLEBORG METAL BLANKET
	Fountain Agent	DAY-VARN MEDIA FOUNT T
	Inks	HUBER ROLLOTEMP
	Paper	UPM, STORA, NORSKE, PALM, BURGO
	Paper Grammage	45 g/m ²

Il Sole 24 ORE S.p.A. – Editrice, Italy

Il Sole 24 Ore, Milano

Il Sole 24 Ore, the daily business and financial newspaper, was established after the merger between Il Sole (1865) and 24 ORE (1946) in November 1965.

Il Sole 24 Ore today acts as a point of reference for the business and financial world with over 50 publications, a vast network of correspondents, 28 offices in Italy, 6 international offices, 8 print sites.

The group Il Sole 24 Ore uses an integrated editorial system that exploits the potential of various forms of media to provide authoritative and up-to-the-minute economic, normative and financial information, always sensitive to the various needs of its users.

Over six million people per week use the Sole system via different media and channels: the daily newspaper, free press, press agency, professional and specialised publishing, training courses, seminars, conferences, radio, satellite television, on and off-line financial products and the Internet.

The daily newspaper Il Sole 24 Ore is one of the most prestigious publications in Italy, and one of the most widely read economic-financial newspapers in Europe with a daily circulation of 300,000, over 170,000 subscribers and more than 1.2 million readers. The paper provides a thorough and complete analysis of the facts and issues regarding politics, the economy, rules and regulations in Italian and international markets, and acts as a reference point for professionals, investors and families. The editorial content of the newspaper is enriched by weekly columns and sections, inserts and supplements.



Evaluated Category

Extra category for tinted paper or extraordinary printing conditions

Contact

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Workflow	Circulation	300000
	Page format (mm)	400 x 560
	Editorial	Atex Hermes 10.2
	Ad-Booking	EidosMedia AdFlow
	General Workflow	AGFA Arkitex
Prepress	File Checking	OneVision Asura
	Image Handling	Adobe Creative Suite 2
	Color Management	
	Ink Saver	Binuscan PDF SERVER
	Proof Software	AGFA Grifix RIP 7.1R0
	Proof Printer	Xerox 7760DN
	RIP	AGFA Grifix RIP 7.1R0
Plates	Screen Technology	AGFA Sublima
	Screen Ruling	140 lpi
	CTP Imager	AGFA Advantage DL
	Film Imager	
Print	Printing Press	manroland Regioman
	Press Control	manroland PECOM
	Closed Loop System	Baumuller Sync Drive Technology
	Color Sequence	CMYK
Materials	Plates	Trelleborg MBB Active
	Printing Blankets	AGFA LAP-V Ultra
	Fountain Agent	Day international Journal Fount SEW
	Inks	Huber, Sun Chemical
	Paper	Burgo, UPM
	Paper Grammage	45 g/m ²

Kustannus Oy Aamulehti, Finland

Kauppalehti, Helsinki

The Kauppalehti group specializes in business and financial news and entrepreneur-orientated information. Its core product is Kauppalehti, Finland's leading business newspaper with a revised circulation of 78,731 copies (Finnish Audit Bureau of Circulation, 2009). The group also includes the contract publishing company Alma Media Lehdentekijät and the news agency BNS operating in the Baltic countries.

Founded in 1898, the Kauppalehti newspaper was first launched to give voice to issues of business life. It has held onto this line ever since.

Kauppalehti is published five days a week, from Monday till Friday. The emphasis lies on daily news, but each daily issue of the week features a theme: the Monday paper concentrates on debate and goes deeper into topics of different trades and branches, the mid-week issues dwell on entrepreneurial matters, and Friday is reserved for personal finances and individual investment activities.

Kauppalehti has been printed in Alma Manu's printing facility since the 1990s. During this time, newspaper and printing have been in close cooperation assessing the print quality issue by issue and discussing results and deviations in regular meetings.

Alma Manu Oy, printing, Tampere

In Alma Manu Oy's printing facility in Tampere, Finland we print the area's most important daily newspaper and many smaller ones. Our company is part of Finnish media concern Alma Media Oyj. Our personnel ensure the top quality printing and mailing of three million newspaper copies per week.

During the last few years we have invested a lot of time and energy to make our printing quality even better than before. Thanks to our professional employees and an excellent cooperation with our customers and suppliers we have succeeded in our effort. We have improved the quality of images with new register automation and by developing prepress and RGB workflow procedures. Added to this we have participated in several research projects to develop better printing quality and process control.

One of the guiding principles of our operations is to develop newspaper business together with our customers. In the regular meetings we discuss about the printing processes and think up the new ways of doing things. We have noticed that this makes the cooperation even better and customers benefit from our know-how.

Evaluated Category

Coldset on Newsprint

Contact

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Mr. Jussi Pekkarinen
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Workflow	Circulation	75000
	Page format (mm)	400 x 560
	Editorial	Anygraaf Doris
	Ad-Booking	Atex Enterprise Atex
	General Workflow	AGFA Arkitex Director
Prepress	File Checking	Enfocus Pitstop Server
	Image Handling	AGFA Opti Ink
	Color Management	AGFA Opti Ink
	Ink Saver	AGFA OptiInk
	Proof Software	Anygraaf Doris Proofer
	Proof Printer	AGFA TIFF Proof
	RIP	AGFA Arkitex Grafix RIP v.7.2 Pro
Plates	Screen Technology	AGFA Sublima
	Screen Ruling	141 lpi
	CTP Imager	AGFA Polaris XTV
	Film Imager	
Print	Printing Press	manroland Colorman Anilox
	Press Control	ABB MPS
	Closed Loop System	QI PRESS CONTROL IRS
	Color Sequence	CMYK
Materials	Plates	AGFA N92V
	Printing Blankets	CONTI AIR Entropia
	Fountain Agent	Printcom 607X
	Inks	Sun Chemicals Wegiweb and Polar anilox
	Paper	UPM Standard News
	Paper Grammage	45 g/m ²

Organización Publicitaria, S.A., Honduras

La Prensa, San Pedro Sula

Diary LA PRENSA is a real milestone in the history of the Honduran journalism, since in more than one quarter of century this newspaper has been consolidated as the most influential way of communication of the country, due to his seriousness, independence, critical spirit, technological and professional superiority.

This diary was founded on October 26, 1964, Its trade name is Organización Publicitaria, S.A. (OPSA), There are his head offices located in San Pedro Sula, to the north of Honduras, one regional in Tegucigalpa, the capital of the country, and other one in the city port of La Ceiba. In addition it possesses a correspondents' network in the principal communities of quite Honduras. The minimal circulation is 50,000 copies, in tabloid format.

From the whiteness of his existence, in 1964, LA PRENSA chose to leave behind the sectarianisms to the past, and to develop in systematic form a scientific, professional and objective vision of his task in the Honduran society.

This way, it decided to rest not to a party or a group, but to the doctrinaire concept of the democracy. Because of it has attacked with vehemence and solid argumentation the breaks the constitutional order and has promoted with notable dedication the democracy, we known that only under the protection of the juridical safety the man can develop all his creative powers

In the economic field, fundamental area of recovery and development of the societies, LA PRENSA has raised from his beginnings the need of that the country opens itself for the concepts – modern and wealth-producing – of the market economy, scheme of assignment of resources and promotion of companies that it has extracted of the poverty to many countries in the past and in the present, and that marks the impressive success those who advance intelligently in the construction of the future.

In the advance towards new stages of institution building, LA PRENSA has been pioneering in the communications area. They were the first ones to bring teletypes; the first ones to bring radiophotos; the first ones to develop the technology of the impression in cold, known like "offset"; the first ones to print in full color and the first ones to apply computers to the publishing production, creating the electronic draft.

Evaluated Category

Coldset on Newsprint

Contact

Diario La Prensa, San Pedro Sula, Honduras
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 Gerardo Obregón Méndez, Jefe Control de Calidad
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Workflow	Circulation	55000
	Page format (mm)	349.5 x 285.75
	Editorial	DTI DTI
	Ad-Booking	
	General Workflow	
Prepress	File Checking	OneVision Speedflow
	Image Handling	
	Color Management	Adobe Photoshop
	Ink Saver	Onevision Plug InkSave
	Proof Software	
	Proof Printer	
Plates	RIP	Kodak Print Console
	Screen Technology	Kodak Creosettes, EllipticalP
	Screen Ruling	100 lpi
	CTP Imager	Kodak Creo news
Print	Film Imager	
	Printing Press	Goss Urbanite
	Press Control	
	Closed Loop System	
	Color Sequence	CMYK
Materials	Plates	Southern Lithoplate Viper
	Printing Blankets	Trelleborg Courier
	Fountain Agent	Tintas Sanchez DN0217
	Inks	Tintas Sanchez Serie CS 23
	Paper	AbitibiBowater abibow news
	Paper Grammage	48,8 g/m ²

La Presse Ltée, Canada

La Presse, Pointe-aux-Trembles

La Presse is Canada's French-language national newspaper. Based in Montreal, the daily covers national and international news, with correspondents in New York, Los Angeles and Paris. Its in-depth articles and series make La Presse not only a leading source of news but also an important forum for ideas, discussion and exchange.

In 2003, La Presse outsourced its printing to G.T.C. Transcontinental Group Ltd., who had built a new plant and equipped it with Heidelberg Mainstream 80 presses, technology that ranks with the most sophisticated in the world for versatility, color, printing speed and overall quality.

The scope and presentation of La Presse were overhauled concurrently with the change in the printing process – new features, enhanced use of photos, additional sections – and since then La Presse has enjoyed one of the biggest circulation increases among major daily newspapers in Canada. An especially noteworthy breakthrough has been among young adults, as the paper successfully responds to their information needs.

The quality of the work of La Presse's news professionals has been recognized in competitions of the highest level, honored by over 100 awards, since 2003. These distinctions have come in journalism and photography categories as well as in graphic presentation.

First published in 1884, La Presse is a broadsheet issued in a print run of 204,545 copies for weekday editions (which consist of five sections), 277,624 copies on Saturday and 224,333 copies on Sunday. Page count averages 62 from Monday to Friday, 140 on Saturday and 56 on Sunday. An average of 30 % of the paper is printed in color.

La Presse has a workforce of over 800 and a readership greater than 840,000. The newspaper is owned by Gesca Ltd., a subsidiary of Power Corporation of Canada. Gesca publishes seven daily newspapers across Quebec and into south-eastern Ontario, as well as news websites with Cyberpresse.ca.

Evaluated Category

Coldset on Newsprint

Contact

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 Marc Pronovost, Vice-President, Opérations
 Didier Abiven, Directeur Opérations
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Workflow	Circulation	277000
	Page format (mm)	279.4 x 533.4
	Editorial	SaxoTech SaxoPress
	Ad-Booking	Brainworks AR, AP
	General Workflow	MediaSpectrum AdWatch
Prepress	File Checking	OneVision Asura
	Image Handling	
	Color Management	
	Ink Saver	
	Proof Software	Serenpidity BlackMagic
	Proof Printer	
	RIP	Autologic Harlequin
Plates	Screen Technology	
	Screen Ruling	100 lpi
	CTP Imager	Autologic 3850
	Film Imager	
Print	Printing Press	Heidelberg Mainstream 80
	Press Control	WPC Web Printing Control
	Closed Loop System	Autologic
	Color Sequence	CMYK
Materials	Plates	AGFA Lithostar LAPV
	Printing Blankets	Day
	Fountain Agent	Varn
	Inks	US ink and INX
	Paper	Kruger, Abitibi Consolidated
	Paper Grammage	

Editrice La Stampa S.p.A., Italy

La Stampa, Torino

La Stampa is a national Italian daily newspaper founded in 1867, and owned by the Fiat Group. Produced at a plant in Turin and printed at five facilities in Italy with a circulation of about 480,000 copies every day, La Stampa has also been available on the Internet since 1995.

The newspaper is one of the most authoritative sources of news and events in Italy, and is the third largest in terms of Italian readership. It provides in-depth coverage of national and international news, current affairs, politics, social issues and sport. It also offers detailed business news and background, and many regional editions for the North-West of Italy. Mario Calabresi is the current newspaper director, and he is responsible for having made the paper a balanced, quick and easy read.

The pagination of the newspaper is 96 full-color pages using the 31 x 45 cm format.

There are many printed inserts every week offering readers the chance to document all events and occasions that will be held in Turin during the next week as well as reportage, books review, etc.

Newspapers from other publishing clients are also printed in the plant in Turin. The principal production site is in Turin, which is equipped with four Wifag OF372 Evolution presses from 96 pp in format 31 x 45 cm.

Plates are realized by five CTP Agfa Advantage Violet with a productive ability of more than 200 plate/h. Nearly 3,000 plates are produced for printing all editions every day in the Turin plant. The movement of the coils of paper are made with the automatic system Electric80. For packing copies, a Ferag system composed of three stackers for one press are used along with three Sitma lines for production of subscribers' copies.

The publisher is Editrice La Stampa Spa, via Marengo 32, 10126 Torino (Italy). Phone +39 011 6568689; Fax +39 011 6568660; Internet www.lastampa.it

Evaluated Category

Coldset on Newsprint

Contact

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Workflow	Circulation	480000
	Page format (mm)	310 x 450
	Editorial	Atex Hermes 10.2
	Ad-Booking	
	General Workflow	
Prepress	File Checking	
	Image Handling	Binuscan IPM
	Color Management	
	Ink Saver	Binuscan cms Server
	Proof Software	
Plates	Proof Printer	
	RIP	Arkitex GrafixRip V8 Harlequin
	Screen Technology	Arkitex Sublima
	Screen Ruling	1270 dpi
	CTP Imager	AGFA ADVANTAGE N-DL
Print	Film Imager	
	Printing Press	WIFAG OF 372 Evolution
	Press Control	ABB MPS
	Closed Loop System	
	Color Sequence	CMYK
Materials	Plates	AGFA LAPV violet
	Printing Blankets	EDITOR 10
	Fountain Agent	FORA ACEDIN WEB 1550
	Inks	SUN CHEMICAL
	Paper	UPM
Paper Grammage	42.5 g/m ²	

Consorcio Periodístico de Chile S.A. (COPESA), Chile

La Tercera, Ñuñoa Santiago

Consorcio Periodístico de Chile (COPESA) is a multimedia company with several newspapers, magazines and radio stations in Chile.

COPESA has almost 1,000 employees who work in its different business areas.

Our operations are centralized in Chile's capital, Santiago.

With three Goss presses, the first installed in the late 60s and the last one in the early 80s, we print La Tercera and two other daily newspapers of our group and many other coldset products. COPESA's main product is La Tercera, a daily national newspaper that is published in a unique tabloid format in Chile, with more than 100,000 subscribers across the country and an important number of street copy sales newspapers. From Monday to Friday, La Tercera has 56 pages and from Saturday to Sunday 128 pages. Our color capacity is nearly 80 percent of the pages of the newspapers, mainly used by our clients to display their color ads. Most of La Tercera's clients buy color ads, so a good printing quality is one important attribute our newspaper needs to have to fulfil the expectations of advertisers.

COPESA is part of the Asociación Técnica de Diarios Latinoamericanos (ATDL).



Evaluated Category

Coldset on Newsprint

Contact

Consorcio Periodístico de Chile S.A. – COPESA

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Workflow	Circulation	180000
	Page format (mm)	290 x 410
	Editorial	Protec editorial Millenium 6.0
	Ad-Booking	
	General Workflow	
Prepress	File Checking	OneVision Asura
	Image Handling	Adobe Photoshop CS 3
	Color Management	X-RITE ProfileMaker
	Ink Saver	Onevision Asura
	Proof Software	EFI Color
	Proof Printer	HP4020
	RIP	AGFA PDF Rip
Plates	Screen Technology	AM
	Screen Ruling	100 lpi
	CTP Imager	AGFA Polaris 100EV
	Film Imager	
Print	Printing Press	Goss Metroliner
	Press Control	Goss
	Closed Loop System	
	Color Sequence	CMYK
Materials	Plates	AGFA Lithostar V
	Printing Blankets	Kinyo NP 02
	Fountain Agent	Anchor Prime Time FM-B
	Inks	Flint Group
	Paper	Norske Skog Inforsa
	Paper Grammage	45 + 48.8 g/m ²

saint-paul luxembourg, Luxembourg

La Voix du Luxembourg, Luxembourg

With a daily circulation of more than 6.000 copies, "La Voix du Luxembourg" is a French-language daily newspaper in Luxembourg. The publishing house, saint-paul luxembourg s.a., is a modern media and communication company that was founded about 160 years ago. In addition to two daily newspapers, the "Luxemburger Wort" and "La Voix", saint-paul Luxembourg s.a. publishes several weekly magazines, including, "Télécran", Luxembourg's leading family and TV magazine. The company has its own book publishing division, a wide network of book outlets, is a co-partner in two radio stations (DNR and Radio Latina), has its own advertising agency and ad sales operation and today, besides the printed newspaper, is stepping up activities in the New Media sector, including its own Internet newsroom.

After a two years test phase starting on July 1999 with French-language pages in the "Luxemburger Wort", "La Voix du Luxembourg" was founded on 2nd October 2001 as a separate newspaper with its own editing team. Its aim was to target the foreign residents in Luxembourg, which represent about 40 % of the population, and the cross-border commuters, many of whom are French speaking. The readership of "La Voix" includes also Luxembourgers with a francophile background.

"La Voix" is a tabloid newspaper divided into four sections: one section containing news from Luxembourg and cross-border regions, another section including international news and culture, yet another one covering business and finance, and a last section with sports and leisure. As most dailies in Luxembourg, "La Voix" has both a local and international character and is of a generally informative nature.

Since its creation, "La Voix du Luxembourg" has been printed with full color throughout on the ten-cylinder satellite press developed by MAN.



Evaluated Category

Coldset on Newsprint

Contact

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Workflow	Circulation	7630
	Page format (mm)	285 x 410
	Editorial	alfa Media Partner Linopress
	Ad-Booking	alfa Media Partner Linopress Advertising
	General Workflow	Inhouse developed
Prepress	File Checking	OneVision Asura + Solvero
	Image Handling	Adobe Photoshop
	Color Management	IFRA ISONewspaperv264.icc profile
	Ink Saver	OneVision InkSave
	Proof Software	Wobe Softproof Wobe Net
	Proof Printer	
RIP	Harlequin	
Plates	Screen Technology	AM
	Screen Ruling	118 lpi
	CTP Imager	Krause LS-JET
	Film Imager	
Print	Printing Press	manroland Colorman
	Press Control	manroland PECOM
	Closed Loop System	
	Color Sequence	CMYK
Materials	Plates	AGFA N91
	Printing Blankets	Böttcher 7400
	Fountain Agent	Böttcher N10047G
	Inks	Flint Eurostar
	Paper	Rheinpapier My News
Paper Grammage	42.5 + 45 g/m ²	

Diario La Voz del Interior S. A., Argentina

La Voz del Interior, Córdoba

La Voz del Interior was founded on March 15, 1904 at Córdoba, the second largest city in Argentina. In 2008, it was acquired by Grupo Clarín, the main communication media group in the country.

It is the leading regional newspaper, and occupies the fifth place in circulation in Argentina, averaging 58,000 daily copies. On Sundays, average net sales are 120,000 copies and (considering a readership of 3.6 readers per copy) reaches 360,000 readers.

La Voz del Interior is a multitarget newspaper with a wide variety of content. The Main and Classifieds sections are standard 50" broadsheet size, while MundoD (sports) and VOS (entertainment, culture, leisure and trends) are produced in tabloid size as weekly editions. Additional supplements are Cars, Tourism, Agricultural, Business, Architectural, Games, Humor and Reports, plus the "Rumbos" magazine on Sunday.

Since 1995, the newspaper has been printed on a Goss Headliner Press, with automatic ink adjustments; in 1998, a new color tower was added.

This equipment enabled a complete newspaper redesign, adding color to every section, and will be enhanced within a few months with the installation of two new press towers.

Día a Día, the second newspaper owned by La Voz del Interior is targeted to popular sectors. It has been published since 2004 and printed in the same facility.

In July 2006, after 10 years of strong presence on the Internet, La Voz del Interior took the first step toward becoming a well integrated multimedia company in order to be able to generate and deliver contents on multiple platforms.



Evaluated Category

Coldset on Newsprint

Contact

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Workflow	Circulation	65000
	Page format (mm)	317.5 x 558.8
	Editorial	Sol90 Xalok
	Ad-Booking	SoftData Technology Layout 8000
	General Workflow	SoftData Technology
Prepress	File Checking	OneVision Asura
	Image Handling	Binuscan Technologies
	Color Management	X-RITE ProfileMaker
	Ink Saver	OneVision Ink Save
	Proof Software	Profile Maker
	Proof Printer	
	RIP	Harlequin Xitron Level 3
Plates	Screen Technology	
	Screen Ruling	1200 dpi
	CTP Imager	AGFA Advantage DL
	Film Imager	
Print	Printing Press	Goss Headliner
	Press Control	Licens Press supervisor
	Closed Loop System	
	Color Sequence	CMYK
Materials	Plates	AGFA N91v
	Printing Blankets	Day International Neutral
	Fountain Agent	Nensco Liquid Gold
	Inks	Flint
	Paper	Papel Prensa
	Paper Grammage	48.8 g/m ²

Società Athesis S.p.A., Italy

L'Arena, Verona

Established in 1866, L'Arena is published and printed by Athesis Publishing Group and, with a daily circulation of 60,000 copies, is the market leader in Verona. Athesis (2008 consolidated turnover €104,600,000 with 400 employees) publishes and prints also Il Giornale di Vicenza (50,000 copies daily) and, through an wholly owned company, BresciaOggi (18,000 copies daily). Athesis also prints around 50,000 copies of Il Sole24 Ore for northeast Italy and, during summer, an average of 15,000 copies of the southern European edition of De Telegraaf.

Since 2002 Athesis, through a controlled company, has started the publication of three free papers, In Città Verona, In Città Brescia and In Città Vicenza, distributed in town. Athesis holds three local TV stations (TeleArena, BresciaPuntoTV and TeleMantova), since 2000, a radio station (Radio Verona), and a niche books publishing house (Neri Pozza, Vicenza).

Advertising on owned media is directly managed by PubliAdige S.r.l., a wholly owned Athesis controlled company. L'Arena is one of the oldest newspapers in Italy and the oldest in the Northeast: the first publication dating back to 12 October 1866.

L'Arena is published seven days a week in a single edition and it's distributed in Verona and in the surrounding area. That means a country with a population of around 840,000 inhabitants (260,000 of them in town). Strongly related to the country, L'Arena is a comprehensive and up-to-date local newspaper that has not only a wide coverage of the local news but also a complete overview of the national and international topics on which also important Italian freelance reporters contribute.

In July 2007 the newspaper changed to a new format (350 x 500 mm), completely renewed its graphic layout and increased the number of pages to maximum 96, in full color. Top technology is used in the prepress process: an Atex Hermes 10.2 system and an Agfa Arkitex: output the pages to CTP (Agfa Polaris XTV). In the pressroom, two manroland Colorman rotary presses were installed (double width, double circumference, 96 tabloid pages full color in collect production, 35,000 copies per hour).

In the last quarter of 2009, the two rotary presses were modified to reduce the web width from 200 cm to 180 cm; the more compact size (350 x 450 mm) better fulfills the requirements of the market.

Evaluated Category

Coldset on Newsprint

Contact

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Ing. Paolo Ciapetti, Production Assistant
Ing. Stefano Bigarelli, Quality Manager
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Workflow	Circulation	60000
	Page format (mm)	350 x 450
	Editorial	Atex Hermes
	Ad-Booking	HIT RECLAME
	General Workflow	
Prepress	File Checking	OneVision Asura, Enfocus Pitstop
	Image Handling	FOTOWARE Color Factory
	Color Management	X-RITE ProfileMaker
	Ink Saver	ALWAN cmYK OPTIMIZER ECO
	Proof Software	
	Proof Printer	
RIP	AGFA GRAFIX	
Plates	Screen Technology	AM
	Screen Ruling	100 lpi
	CTP Imager	AGFA POLARIS XTV
	Film Imager	
Print	Printing Press	manroland Colorman
	Press Control	manroland PECOM
	Closed Loop System	
	Color Sequence	CMYK
Materials	Plates	AGFA LITHOSTAR
	Printing Blankets	TRELLEBORG METAL BLANKET
	Fountain Agent	DAY-VARN MEDIA FOUNT T
	Inks	SUN CHEMICAL ROLLOTEMP
	Paper	UPM, STORA, NORSKE, PALM, BURGO
Paper Grammage	45 g/m ²	

Persgroep Printing Den Haag, Netherlands

Leidschendammer, The Hague

This printing plant is the successor of the home printing plant of the Haagsche Courant. This daily was founded in 1883 by Albert Willem Sijthoff in The Hague, Netherlands. In 1994 the company of the Haagsche Courant was taken over by Wegener in Apeldoorn. In 2009 the printing plant was sold – in combination with the selling of the AD Newspapers – to the Belgian Persgroep and is – together with the printing plant in Amsterdam – now part of Persgroep Printing Nederland.

In the seventies of last century the publisher of the Haagsche Courant bought Drukkerij Van der Drift in Delft, publisher of a great amount of free weekly's in the western part of the Netherlands. One of the issues is De Leidschendammer.

De Leidschendammer, a weekly freesheet, appearing in Leidschendam, near The Hague, is still printed on the presses of Persgroep Printing Den Haag in The Hague, in a circulation of about 17,000 copies and a page-count of 24-96 tabloid pages.

Persgroep Printing Den Haag (100 employees) is one of the two printing plants of Persgroep Printing Nederland. In the plant in The Hague two KBA Commander web offset presses, consisting of ten reelstands, six printing towers with eight printing couples each (10-cylinder satellites), produce about 4 million copies a week. Both presses can produce tabloids up to 96 pages in full color.

Besides De Leidschendammer, Persgroep Printing Den Haag in The Hague prints fourteen editions of AD Nieuwsmedia at night time and nine at daytime, a daily distributed circulation of about 320,000 copies, a page-count of 56-64 tabloid on weekdays and 64-160 (in two runs) on Saturdays.



Evaluated Category

Coldset on Newsprint

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Workflow	Circulation	16522
	Page format (mm)	290 x 415
	Editorial	Atex Prestige
	Ad-Booking	Atex Enterprise
	General Workflow	OneVision Asura
Prepress	File Checking	OneVision Asura + Solvero
	Image Handling	AGFA Intellitune
	Color Management	
	Ink Saver	
	Proof Software	
	Proof Printer	Hewlett-Packard
Plates	RIP	IPA Systems
	Screen Technology	AM
	Screen Ruling	85 lpi
	CTP Imager	AGFA Polaris XTV
Print	Film Imager	
	Printing Press	KBA, Koenig & Bauer Commander
	Press Control	ABB MPS
	Closed Loop System	QI PRESS CONTROL Register, cut off
Materials	Color Sequence	CMYK
	Plates	AGFA Lithostar
	Printing Blankets	Kinyo Supera
	Fountain Agent	Solco Dampstar 1.415
	Inks	Flint, Siegwark
Paper	SCA Aylesford, Stora Enso	
Paper Grammage	45 g/m ²	

Singapore Press Holdings Ltd, Singapore

Lianhe Zaobao, Singapore

Incorporated in 1984, main board-listed Singapore Press Holdings Ltd (SPH) is Southeast Asia's leading media organisation, engaging minds and enriching lives across multiple languages and platforms.

In Singapore, SPH publishes 17 newspaper titles in four languages. Every day, 3 million individuals or 79 per cent of people above 15 years old, read one of SPH's news publications. SPH also publishes and produces more than 100 magazine titles in Singapore and the region, covering a broad range of interests from lifestyle to information technology.

SPH owns 2 state of the art printing facilities in Singapore that deliver more than one million copies of SPH newspapers in quality print each day. One of the facilities (Print Centre) is located in western Singapore, & houses 2 types of Presses. The Colorliner presses started operation at the Print Centre in 1997 and is capable of producing 32 broadsheet pages in full color and 20 spot color broadsheet pages with a maximum speed of 80,000 copies per hour and a cruising speed of 72,000 copies per hour in straight run mode. The KBA presses started operation at the Print Centre in 2003. Besides matching the capabilities of the Colorliner presses, the KBA Commander presses can print up to 112 broadsheet pages in full color.

The other printing facility (Media Centre) is located in central Singapore, & houses the World's longest manroland UNISSET press. The UNISSET began operations in 2008 and currently prints the smaller publications of SPH with some foreign publications. With a maximum speed of 75,000 copies per hour, it can print a maximum of 88 broadsheet pages in full color.

Lianhe Zaobao is the flagship Chinese daily in Singapore, established since March 16, 1983, following the merger of two established Chinese newspapers, Nanyang Siang Pau and Sin Chew Jit Poh, which date back to 1923 and 1929 respectively. With its strong history, Lianhe Zaobao is the most-read Chinese newspaper in Singapore and a trusted information source for the Chinese-speaking community. The only Chinese morning daily in Singapore, Lianhe Zaobao is an influential and authoritative newspaper giving valuable insights into local and foreign news. Lianhe Zaobao is also regarded as an important source of political and economic news on East Asia, especially China. Besides Singapore, Lianhe Zaobao is circulated in Indonesia, Brunei, Hong Kong, Vietnam and major cities of China like Beijing and Shanghai.

Evaluated Category

Coldset on Newsprint

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Workflow	Circulation	176000
	Page format (mm)	327 x 545
	Editorial	Atex Hermes
	Ad-Booking	Proprietary-SPH ITD AdNet Ad Booking
	General Workflow	AGFA Arkitex
Prepress	File Checking	OneVision Asura, Inhouse develop. WebET
	Image Handling	AGFA Intellitune, Photoshop
	Color Management	IFRA ISONewspaper264.icc profile
	Ink Saver	Adobe Photoshop
	Proof Software	FujiXerox Color Profile Maker Pro
	Proof Printer	FujiXerox DocuColor 1257 GA
	RIP	AGFA Harlequin
Plates	Screen Technology	AGFA SUBLIMA
	Screen Ruling	145 lpi
	CTP Imager	
	Film Imager	AGFA Phoenix Imager
Print	Printing Press	Goss Colorliner
	Press Control	GOSS MERIDAN
	Closed Loop System	WPC Micro TRak CCR
	Color Sequence	CMYK
Materials	Plates	Fuji FNT-8
	Printing Blankets	Day International 8889 & 8891
	Fountain Agent	C&W Clear Dot 990 RO
	Inks	Heritage SpectraPlus Inks
	Paper	Stora Enso Hylte
	Paper Grammage	45 g/m ²

Ungeheuer + Ulmer KG GmbH & Co., Germany

Ludwigsburger Kreiszeitung, Ludwigsburg

The Ungeheuer + Ulmer (U+U) company can look back on a past rich in tradition. Since its foundation in 1818, Ungeheuer + Ulmer developed from printer to the royal court to a modern media house.

In the beginning, one of our most important activities was printing leaflets, folders and business objects. Today – 190 years later – Ungeheuer + Ulmer is a full-service provider located in the centre of Ludwigsburg. We carry out all production jobs related to printing and communication for our customers – reliably, on time and in best quality.

In accordance with the “one-stop shop” principle, we work together with our customers to solve their problems and satisfy their needs. To do so, Ungeheuer + Ulmer, as the printing house of the Ludwigsburger Kreiszeitung and other print media, can call on a professional printing infrastructure as well as a wide range of services.



Evaluated Category

Coldset on Newsprint

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Workflow	Circulation	45000
	Page format (mm)	350 x 510
	Editorial	Funkinform Dialog 4.0
	Ad-Booking	Funkinform Dialog 4.0
	General Workflow	AdFlow Systems Adflow
Prepress	File Checking	OneVision Asura + Solvero
	Image Handling	Adobe Photoshop 6.0 + CS3
	Color Management	FotoWare Color Factory 5.5 Enterprise
	Ink Saver	OneVision Aura InkSave
	Proof Software	EFI ColorProof XF
	Proof Printer	Epson Stylus Color 7800
	RIP	AGFA Grafx Rip 8.1
Plates	Screen Technology	Advanced Balance System
	Screen Ruling	110 lpi
	CTP Imager	Autologic APS3850
	Film Imager	
Print	Printing Press	KBA, Koenig & Bauer Journal
	Press Control	EAE Print PP
	Closed Loop System	
	Color Sequence	CMYK
Materials	Plates	AGFA N 91
	Printing Blankets	Periplot Phönix
	Fountain Agent	Böttcher N-1004 B2
	Inks	Flint
	Paper	Palm, UPM, Holmen News
	Paper Grammage	45 g/m ²

saint-paul luxembourg, Luxembourg

Luxemburger Wort, Luxembourg

With more than 175.000 readers daily, the “Luxemburger Wort” is by far the largest and most important daily newspaper in Luxembourg. The publishing house, saint-paul luxembourg s.a., is a modern media and communication company that was founded about 160 years ago. In addition to two daily newspapers, the “Luxemburger Wort” and French-language “La Voix du Luxembourg”, saint-paul luxembourg s.a. publishes several weekly magazines, including, “Télécran”, Luxembourg’s leading family and TV magazine. The company has its own book publishing division, a wide network of book outlets, is a co-partner in two radio stations (DNR and Radio Latina), has its own advertising agency and ad sales operation and today, besides the printed newspaper, is stepping up activities in the New Media sector, including its own Internet newsroom. A special characteristic of the newspaper is that it is published in two languages: although the majority of articles are in German, especially articles related to France are always published in the French language, likewise a large part of the cultural and political articles.

The “Luxemburger Wort” was founded on 23rd March 1848. This was immediately following the abolition of censorship in Luxembourg by King Grand Duke William II on 15th and the declaration of freedom of the press by government decree on 20th March of the same year. The editorial policy of the “Luxemburger Wort” has remained unchanged to this day. Of a Catholic orientation, the newspaper continues to be of a generally informative nature with special emphasis on local news, a daily cultural affairs page, an extensive international news section consisting of agency and own articles, a daily sports insert and, in view of Luxembourg’s special status as a financial centre, a highly detailed business section. Daily leaders authored by the “Luxemburger Wort” editors complement the journalistic offer. The newspaper addresses all citizens and levels of society in Luxembourg, in line with its chosen motto “for truth and justice”.



Evaluated Category

Coldset on Newsprint

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Workflow	Circulation	74949
	Page format (mm)	285 x 410
	Editorial	alfa Media Partner Linopress
	Ad-Booking	alfa Media Partner Linopress Advertising
	General Workflow	Inhouse developed
Prepress	File Checking	OneVision Asura / Solvero
	Image Handling	Adobe Photoshop
	Color Management	IFRA ISONewspaperv264.icc profile
	Ink Saver	OneVision InkSave
	Proof Software	Wobe Softproof Wobe-Net
	Proof Printer	
	RIP	Harlequin
Plates	Screen Technology	AM
	Screen Ruling	118 lpi
	CTP Imager	Krause LS-JET
	Film Imager	
Print	Printing Press	manroland Colorman
	Press Control	manroland PECOM
	Closed Loop System	
	Color Sequence	CMYK
Materials	Plates	AGFA N91
	Printing Blankets	Böttcher 7400
	Fountain Agent	Böttcher N10047G
	Inks	Flint Eurostar
	Paper	Rheinpapier MY News
	Paper Grammage	42.5 + 45 g/m ²

Malayala Manorama Company Ltd, India

Malayala Manorama, Kottayam

Malayala Manorama Company Limited was founded in 1888 in the small town of Kottayam, Kerala State, in India. Since then it has grown into a well balanced multiple media company . The company publishes their flagship daily “Malayala Manorama” in the “Malayalam” language of the State and print from 17 centres including Dubai and Bahrain and bring out more than 1.76 million copies of the daily which is read by nearly 9 million readers.

Apart from the daily the company also bring out a number of other publications like Weekly, Magazine and Year Book, formats in English and other Indian languages. Each of them is a leader in its genre.

With a workforce of more than 2000 and printing from 17 centres, the company is one of the largest publishing houses in India . The Company also has its portal, www.manoramaonline.com and have several FM Radio stations in strategic cities in the State. Malayala Manorama is active also in the field of music CD/cassettes, and book publishing.

The group of companies under its banner have a TV news channel and another weekly/magazine publishing company which are leading in their respective fields.

‘Malayala Manorama’ is also an ISO 9001-2008 certified company since 1999. The certification is audited every six months by BSI Auditors .



Evaluated Category

Coldset on Newsprint

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Workflow	Circulation	1760167
	Page format (mm)	350 x 546
	Editorial	Sansui software Smart Flow
	Ad-Booking	PPI, Germany
	General Workflow	1BIT Brain New, PostRip
Prepress	File Checking	OneVision Asura
	Image Handling	Adobe Photoshop, Binuscan
	Color Management	
	Ink Saver	Prolmage OnColor Eco
	Proof Software	Star Proof Star Proof
	Proof Printer	Epson 4450
	RIP	Harlequin Xitron
Plates	Screen Technology	AM
	Screen Ruling	100 lpi
	CTP Imager	AGFA Advantage 3850
	Film Imager	
Print	Printing Press	Manograph Frontline
	Press Control	PressTek
	Closed Loop System	Ink control Diplot
	Color Sequence	CMYK
Materials	Plates	Fuji, Technova
	Printing Blankets	Grafiy
	Fountain Agent	DSC News fount plus
	Inks	Hitech process color
	Paper	Kondopoga
	Paper Grammage	45 g/m ²

Mid-Day Multimedia Ltd, India

Mid Day, Rabale, Navi Mumbai

From a family-owned, one-paper company, MiD DAY has grown into a full-fledged, multiple-media conglomerate listed on the Bombay Stock Exchange and the National Stock Exchange that includes Radio One, Inqalab (Urdu) as well as Gujarati Mid Day along with its flagship publication – MiD DAY. It is one of the few Indian media groups to go public.

MiD DAY has enjoyed a special place in the hearts of Mumbai residents, since its inception 28 years ago, and has recently launched editions in Delhi & Bangalore as well.

This light-hearted, easy-read, entertaining and mischievous paper now has a new objective – to make work fun. The focus is on the Young Urban Mobile Professionals across India (YUMPI) and the company is leaving no stone unturned to connect with them. A host of addictive, fun sections like What's On, Hit List, Crosswords, Horoscope and Fun@work (Tues & Thurs) ensure the newspaper remains a welcome diversion for young professionals on the move or even a quick pick – me – up to perk up their day.

MiD DAY is available in Mumbai, Delhi, & Bangalore.

Midday is one of the leading publications in the country to have won the maximum awards from INMA,IFRA, Ad clubs for innovations in publishing



Evaluated Category

Coldset on Newsprint

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Workflow	Circulation	150000
	Page format (mm)	250 x 320
	Editorial	Quark Xpress
	Ad-Booking	4C Plus
	General Workflow	
Prepress	File Checking	OneVision Asura
	Image Handling	Adobe Photoshop CS
	Color Management	Adobe Photoshop CS
	Ink Saver	OneVision Plug InkSave
	Proof Software	ISI Star Proof 5.1.1
	Proof Printer	Epson Stylus Pro 4450
	RIP	Highwater Torrent Rip V 7.2
Plates	Screen Technology	Harlequin AM
	Screen Ruling	85 lpi
	CTP Imager	Krause LS Jet Easy
	Film Imager	
Print	Printing Press	Manugraph Citiline
	Press Control	Quadtech Presstec
	Closed Loop System	
	Color Sequence	CMYK
Materials	Plates	Technova Viostar
	Printing Blankets	Kinyo
	Fountain Agent	Technova Crownjewel BD
	Inks	Micro
	Paper	Bowater, Panasia, UPM
	Paper Grammage	45 g/m ²

HT Media Limited, India

Mint, Noida

HT Media Ltd. is an 80 year-old company and a leading publishing house in India that publishes three major dailies: Hindustan Times (English), Hindustan (Hindi) and Mint, a financial paper (English). HT Media Ltd also has an FM channel: Fever 104; website: Hindustantimes.com; social networking site: Desimartini.com; and a jobs portal: Shine.com.



Evaluated Category

Heatset on Newsprint

Contact

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Workflow	Circulation	190000
	Page format (mm)	315 x 470
	Editorial	Eidos
	Ad-Booking	manroland IS:MAM
	General Workflow	manroland IS:MAM
Prepress	File Checking	OneVision Asura
	Image Handling	Adobe Photoshop
	Color Management	OneVision Asura
	Ink Saver	
	Proof Software	EFI ColorProof
	Proof Printer	Epson Stylus
	RIP	Torrent RIP Version 7.1
Plates	Screen Technology	AM
	Screen Ruling	100 lpi
	CTP Imager	Dainippon Screen PTR 16000 IIE
	Film Imager	
Print	Printing Press	Baker Perkins G16
	Press Control	Sofcom Noida
	Closed Loop System	
	Color Sequence	KCMY
Materials	Plates	Technova Thermostat TN
	Printing Blankets	DIC Days International
	Fountain Agent	Varn Super Speed
	Inks	DIC-Sun Chemical Universal
	Paper	UPM News
	Paper Grammage	45 g/m ²

Verlag Lensing-Wolff GmbH & Co. KG, Germany

Münstersche Zeitung, Münster

Published under the roof of Medienhaus Lensing are the daily newspapers "Münstersche Zeitung", "Ruhr Nachrichten", "Münsterland Zeitung" and "Emsdettener Zeitung", together with their local editions as well as various freesheets. Medienhaus Lensing owns three printing plants in Dortmund, Münster and Ahaus. In addition, it operates a call centre, is active in the area of mail delivery and has participations in local radio stations.



Evaluated Category

Coldset on Newsprint

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Workflow	Circulation	70000
	Page format (mm)	350 x 510
	Editorial	Funkinform Dialog 4.0
	Ad-Booking	Funkinform Dialog 4.0
	General Workflow	Fotoware Indexmanager, Evolver
Prepress	File Checking	OneVision Asura + Solvero
	Image Handling	Fotoware, color factory, Photoshop
	Color Management	IFRA ISONewspaperv264.icc profile
	Ink Saver	In-Rip using DeviceLink
	Proof Software	EAE Softproof at control desk
	Proof Printer	HP Designjet 130nr
RIP	Harlequin 8.1	
Plates	Screen Technology	AM
	Screen Ruling	48er, 120 lpi
	CTP Imager	Wobe Team, Krause, Nela
	Film Imager	
Print	Printing Press	KBA, Koenig & Bauer Colora
	Press Control	EAE Print 4
	Closed Loop System	QI PRESS CONTROL Presscontrol
	Color Sequence	MCYK
Materials	Plates	Kodak Polychrom Violet News Gold
	Printing Blankets	Kinyo Hermes News
	Fountain Agent	Hostmann-Steinberg Hydrofix-Z
	Inks	Hostmann-Steinberg Good News
	Paper	Stora Enso Hylte AB News Press
Paper Grammage	45 g/m ²	

Booth Newspapers, USA

Muskegon Chronicle, Muskegon

The Muskegon Chronicle has its earliest beginnings as the Muskegon Journal, a weekly paper, with its first issue printed on June 26, 1857. The Journal was not successful and closed after a few months. In April 1859 a second newspaper, Muskegon Reporter, was started. It was a Republican weekly newspaper that was published until 1864 when it was purchased by the Muskegon News, which started that same year and the paper continued as The News and Reporter. The News and Reporter was sold to George C. Rice in 1869. Rice issued Volume 1, Number 1 of the Muskegon Chronicle on January 23, 1869. In 1879, The Chronicle added a daily paper and was called the Daily Chronicle for many years before reverting back to The Muskegon Chronicle. The weekly version of the Muskegon Chronicle was discontinued in 1906. Control of the Chronicle was purchased by Ralph H. Booth and George G. Booth in 1908 and was later joined with seven other newspapers in Michigan to form the Booth Publishing Company in 1914. S.I. Newhouse acquired Booth Newspapers Inc. on October 27, 1976. The Muskegon Chronicle continues to print a daily newspaper seven days a week.

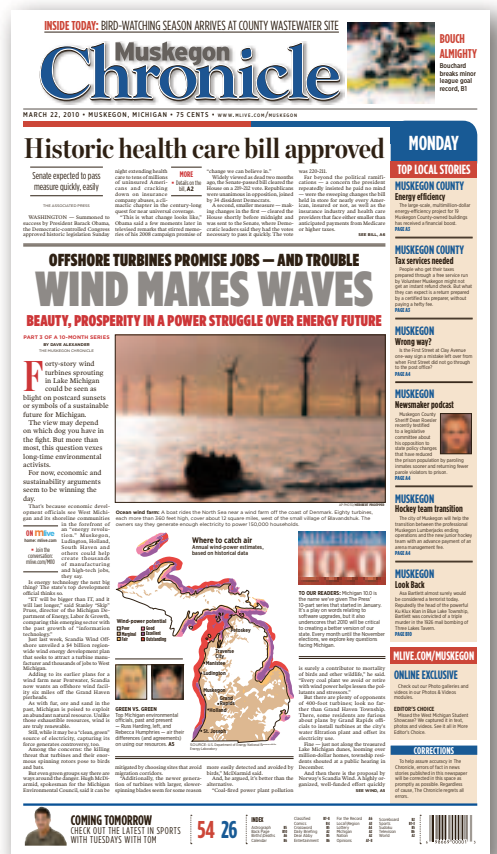
Through the years, the Muskegon Chronicle was printed on a variety of press equipment. In 1928, the paper was printed on a new metropolitan, interchangeable unit, high speed sextuple press manufactured by the Duplex Printing Company of Battle Creek Michigan. In 1948, a new five unit letter press was installed by R. Hoe and Co. More recently, the paper was printed with a Goss Magnum offset press. The paper is printed at a regional print facility for Booth Newspapers, which prints the daily newspapers The Grand Rapids Press, Muskegon Chronicle, Kalamazoo Gazette, and seven weekly papers for Advance Newspapers, and the weekly Business Review, as well as other commercial print jobs. The manroland GEOMAN 75 offset press consists of two single-out 2-5-5 jaw folders centered between eight four-over-four printing towers capable of printing 64 pages in full color. With 12 reel stands the press can produce a 96-page product on two presses in collect mode with 48 pages in full color. The pages of the paper are planned and assembled with software from PPI. The packaging department includes three 30 : 1 Muller Martini SLS 3000 inserters with which an average of 28 insert titles are put into the Sunday edition.

Evaluated Category

Coldset on Newsprint

Contact

Booth Newspapers
 Aaron Phipps
 Assistant Production Manager
 Grand Rapids MI 49503 USA
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 E-mail: ahipps@grpress.com



Workflow	Circulation	38000
	Page format (mm)	298 x 533
	Editorial	Harris BaseView
	Ad-Booking	Mactive
	General Workflow	PPI
Prepress	File Checking	
	Image Handling	AGFA Intellitune
	Color Management	
	Ink Saver	
	Proof Software	
	Proof Printer	
Plates	RIP	Harlequin
	Screen Technology	AM
	Screen Ruling	150 lpi
	CTP Imager	BasysPrint 57z
Print	Film Imager	
	Printing Press	manroland Geoman 75
	Press Control	manroland PECOM
	Closed Loop System	
	Color Sequence	CMYK
Materials	Plates	Konica Minolta Replica HUV2
	Printing Blankets	Day 8897
	Fountain Agent	Böttcher N-1004 GRG-S
	Inks	Central Ink
	Paper	AbitibiBowater Gatineau Mill
	Paper Grammage	45 g/m ²

PAARL COLDSET, South Africa

Naweek Beeld, Johannesburg

South Africa's most technologically advanced newspaper printing organisation, Paarl Coldset, is part of the Paarl Media Group, whose majority shareholder, Media24, is owned by Naspers, a multinational media company with principal operations in electronic media and print media. Paarl Coldset has a national footprint with 14 coldset presses operating in printing plants in Johannesburg, Cape Town, Port Elizabeth and Bloemfontein. Paarl Coldset's capacity and capability to quickly deliver award winning work with optimal efficiency is reflected in their printing of leading titles. Dailies such as South Africa's top selling daily newspaper, Daily Sun, and the premier Afrikaans publication, Beeld and Sunday papers are printed between 19 h and 04 h, seven days a week with supplements pre-printed during afternoon slots. Production runs range from 35,000 to 600,000 for main titles, which include 5 dailies, 4 Sunday newspapers as well as weekly titles. Publication thicknesses vary from 24 page tabloids to 48 page broadsheets. Automated systems throughout ensure high throughput rates and accurate, consistent print quality.

The largest of the four Paarl Coldset operations is based in Johannesburg, which has a population of over 8 million. It is responsible for the printing of Beeld, a publication also owned by Media24. Beeld is distributed in the four northern provinces of South Africa with the bulk of the circulation in Gauteng, the province which forms the hub of the SA economy.

Beeld is widely regarded as South Africa's best designed daily newspaper. It has won the Frewin Trophy, awarded by Print Media South Africa to the best designed and produced metropolitan newspaper, six times in the last eight years.

Just over half of its circulation of 95,000 is sold to subscribers – a high percentage by South African standards. Approximately 38,000 to 40,000 copies are sold to agents (supermarkets, convenient stores, gas station shops, news agents) and the rest on selling points at street corners. Beeld has three editions: an early edition that goes to the rural cities and towns in the three northern provinces, a second edition that mainly serves the capital Tshwane (60 km north of Johannesburg) and a third edition distributed in the metro areas in and around Johannesburg. The editorial offices are located in Media Park in Auckland Park, a few kilometres west of the Johannesburg city centre.

Evaluated Category

Coldset on Newsprint

Contact

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 Johannesburg, 2001, South Africa



Workflow	Circulation	95000
	Page format (mm)	380 x 550
	Editorial	Eidos METHODE
	Ad-Booking	INHOUSE ADSPLANET
	General Workflow	AGFA Arkitex
Prepress	File Checking	OneVision Asura
	Image Handling	Adobe Photoshop CS3
	Color Management	CGS PRESS MATCHER
	Ink Saver	CGS Ink-Saver
	Proof Software	CGS COLOR TUNER
	Proof Printer	Epson EPSON 4000
	RIP	Global Graphics GRAPHX RIP
Plates	Screen Technology	GLOBAL GRAPHICS HPS
	Screen Ruling	100-110 lpi
	CTP Imager	AGFA POLARIS
	Film Imager	
Print	Printing Press	manroland UNISSET
	Press Control	PECOM PPM
	Closed Loop System	
	Color Sequence	CMYK
Materials	Plates	AGFA N91V
	Printing Blankets	CONTINENTAL KINYO
	Fountain Agent	CONTINENTAL FOUNT C
	Inks	CONTINENTAL NEWS INK
	Paper	SAPPI PRESSPRIDE
	Paper Grammage	48.8 g/m ²

Neue Luzerner Zeitung AG, Switzerland

Neue Luzerner Zeitung, Luzern

269,000 readers throughout Central Switzerland get their news daily from the Neue Luzerner Zeitung or one of its regional editions.

Since September 2008, the Sunday "Zentralschweiz am Sonntag" has been published and is highly popular among both readers and advertisers. The Neue Luzerner Zeitung AG publishes the following daily newspapers: Neue Luzerner Zeitung, Neue Urner Zeitung, Neue Schwyzer Zeitung, Neue Obwaldner Zeitung, Neue Nidwaldner Zeitung and Neue Zuger Zeitung. In addition, published on a weekly basis are REGION as well as the free titles Zuger Presse and Zugerbieter.

The Neue Luzerner Zeitung consists of four sections that focus especially on regional news, business, sport and culture. Various supplements complement the offering: SportJournal on Tuesday, APERO leisure time magazine on Wednesday together with the TV programme schedule. The Friday edition includes a supplement containing background information on a topical subject as well as the leading job ads guide for Central Switzerland.

Neue Luzerner Zeitung can be subscribed to also as an e-Paper version.

Zisch.ch is the online portal of the Neue Luzerner Zeitung AG and its regional editions; it is designed especially with Central Switzerland in mind. Besides regional news, it offers a wide-range of information and services. With 5.2 million page retrievals monthly, zisch.ch also offers an interesting and attractive advertising platform.

Newspapers are printed also for customers at the Luzerner Druck-Zentrum of the Neue Luzerner Zeitung AG in Adligenswil on modern, high-capacity CTP, printing and mailroom systems.

Radio Pilatus, the leading private radio station in Central Switzerland, and Tele 1, the TV station for Central Switzerland that went on the air on 1 February 2010, complete the LZ media portfolio.

Neue Luzerner Zeitung AG has some 270 employees and achieved a revenue in 2009 of 95 million Swiss francs.



Evaluated Category

Coldset on Newsprint

Contact

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Workflow	Circulation	130000
	Page format (mm)	320 x 470
	Editorial	alfa Media Partner LinoPress
	Ad-Booking	alfa Media Partner Advertising
	General Workflow	ABB MPS
Prepress	File Checking	OneVision Asura
	Image Handling	Adobe / AGFA Photoshop/IntelliTune
	Color Management	Adobe Photoshop
	Ink Saver	
	Proof Software	b. comp GmbH TruPage
	Proof Printer	Epson Stylus Pro 4000
RIP	AGFA Harlequin	
Plates	Screen Technology	AGFA AM
	Screen Ruling	40 lines/cm
	CTP Imager	AGFA Polaris XTV-5
	Film Imager	
Print	Printing Press	WIFAG OF 370
	Press Control	ABB MPS
	Closed Loop System	
	Color Sequence	CMYK
Materials	Plates	AGFA N92V
	Printing Blankets	manroland Swiss AG Royalweb
	Fountain Agent	Stehlin + Hostag AG Hydrofix
	Inks	Stehlin + Hostag AG Coldset
	Paper	Perlen Papier AG Perlenpress CS
	Paper Grammage	42 g/m ²

Neue Zürcher Zeitung AG, Switzerland

Neue Zürcher Zeitung, Zürich

As a liberal-conservative newspaper with a 230-year tradition, the "Neue Zürcher Zeitung" acts as a leading opinion-former in the Swiss media market. Its worldwide network of correspondents, a highly respected business section, strong national reporting and multifaceted features section make NZZ a quality newspaper with international flair. The successful Monday magazine "NZZ Folio", published for the first time in August 1991, regular special supplements as well as the Sunday "NZZ am Sonntag" launched in 2002 extend the range of topics covered. NZZ is the flagship of the NZZ media group, to which other newspaper publishing houses and printing plants as well as a prominent book publishing house also belong. The company plays an important role also in electronic media: it produces TV programmes under the brand name "NZZ Format" that are broadcast in Switzerland and in Germany, while "NZZ Online" offers continually updated news as well as a wide range of services in the Internet.

For 218 years, printing of the "Neue Zürcher Zeitung" was done at the main location in Zurich. The growing circulation made it necessary in 1988 to move to a new printing centre in Schlieren that was then extended in 2004. Today, NZZ Print presents itself as a strong and quality-conscious partner for all newspaper products.



Evaluated Category

Coldset on Newsprint

Contact

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Workflow	Circulation	139732
	Page format (mm)	320 x 470
	Editorial	Michelic & Partner News NT
	Ad-Booking	Publicitas Pup 2000
Prepress	General Workflow	AGFA Arkitex
	File Checking	OneVision Asura
	Image Handling	Elpical Claro
	Color Management	Retag Macbeth ProfileMaker 5.0.5
	Ink Saver	
	Proof Software	EFI ColorProof
	Proof Printer	Epson Epson Stylus Pro 4000
Plates	RIP	Harlequin Grafix RIP 7.2
	Screen Technology	AGFA Moderate elliptical AM
	Screen Ruling	122 lpi
	CTP Imager	AFGA Polaris XTV
Print	Film Imager	
	Printing Press	WIFAG evolution 471
	Press Control	ABB MPS Production 3.6-8
	Closed Loop System	WIFAG WFR, WSR
Materials	Color Sequence	CMYK
	Plates	AGFA N92V-NP
	Printing Blankets	Trelleborg Vulcan Royal Web K2
	Fountain Agent	Tewtrell Good News Fount
	Inks	Stehlin + Hostag AG Good News
	Paper	UPM News C
Paper Grammage	45 g/m ²	

New York Daily News, USA

New York Daily News, New York

The New York Daily News is the largest and most widely-read newspaper in the New York City metropolitan area. It is the fifth-largest Sunday newspaper in the United States with a circulation of 600,118 and the sixth largest U.S. daily newspaper with a daily circulation of 535,059 (Audit Bureau of Circulation, March 31, 2010).



Evaluated Category

1. Coldset on Newsprint
2. Extra category for tinted paper or extraordinary printing conditions

Contact

Christopher H. Baker
 Vice President Manufacturing
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 New York Daily News
 Jersey City NJ 07305, USA

Workflow	Circulation	600000
	Page format (mm)	254 x 317.5
	Editorial	Atex Hermes
	Ad-Booking	Admarc
	General Workflow	Adwatch Media Spectrum
Prepress	File Checking	
	Image Handling	AGFA Intellitune, AGT Digital Link
	Color Management	
	Ink Saver	
	Proof Software	Serendipity Black Magic
	Proof Printer	EAE Softproofing
	RIP	AGFA Arkitex
Plates	Screen Technology	AGFA Elliptical dot
	Screen Ruling	100 lpi
	CTP Imager	Krause LS Jet 300 – Wobe CTP Workflow
	Film Imager	
Print	Printing Press	KBA, Koenig & Bauer Commander CT
	Press Control	KBA EAE
	Closed Loop System	QI PRESS CONTROL Register, cut off
	Color Sequence	CMYK
Materials	Plates	Fuji Brillia – LP-NNV
	Printing Blankets	Reeves-Trelleborg Vulcan MBB
	Fountain Agent	Nensco Liquid Gold
	Inks	US INK CT News
	Paper	AbitibiBowater Standard newsprint
	Paper Grammage	45 g/m ²



From the inventor of the printing press New ideas for the newspaper industry

It has been a long road from the first cylinder press back in 1811 to the first triple-width satellite printing units and today's highly automated, compact Cortina and Commander CT presses. But all these milestones have one thing in common: They are from KBA, the innovator in newspaper technology, where quality and reliability have always been guiding principles.

Congratulations to the KBA users and all other successful members of the International Newspaper Color Quality Club 2010-2012.

Koenig & Bauer AG
phone: +49 931 909-0, kba-wuerzburg@kba.com, www.kba.com

Nikkan Offset Co.,Ltd, Japan

Nikkan Sports, Osaka

"Nikkan Sports" is the first-launched daily sports newspaper in Japan, issued in March 1946 in Tokyo. In our place, Osaka, "Nikkan Sports" was started as "All Sports" in 1950, and in 1957, the title was changed to "Nikkan Sports".

"Nikkan Sports" has been delivering exciting news of sports, such as baseball, football and Sumo, for every sports fan with its circulation 1,667,000 (as of October 2009) in Japan.

Nikkan Offset Co., Ltd. was established in December 1964 in Osaka as a company of the "Nikkan Sports" group, and started newspaper printing with 2 Rotary Letterpresses. After several business mergers, we are now one of the largest newspaper printing companies in Japan, having total 9 web offset printing presses in 2 plants.

We print more than 20 kinds of newspapers; daily newspapers, such as "Nikkan Sports", "Asahi Shimbun", and business newspapers specifically for various industries. In order to meet faithfully our customers' requirement, from large number of circulation to small-circulation for limited readers, we are making every efforts for printing newspapers in higher quality through responding to the latest printing technology. We also place emphasis on environmental issue. We have obtained the certification of ISO14001 environmental management system in 2005.

The historical name of "Nikkan Offset" will disappear in April 2011 by merger with Asahi Printech Co., Ltd. We believe our high capability and reliability will be surely taken over by the new company together with our 250 high-skilled staff.

In order to mark the end of brilliant history of "Nikkan Offset" by showing our capability to the world, we challenged "INCQC 2010-2012 Competition" with our important partner "Nikkan Sports", which has been walking together since our establishment. We feel a glow of pride at what our capability has been respected from the world. We appreciate here our 20 years-serving web printing press "LITHOPIA BTO-N", which has been helping us to build up a solid reputation, and great cooperation from Sakata INX Corporation, Nippon News Ink Co., Ltd., Osaka Paper Co., Ltd. and others who always support our higher-quality printing production.

We can provide higher printing technology complied with global printing quality standard. Newspaper publishers who are considering publishing your newspapers in Japan, we are looking forward to your contact.

Evaluated Category

Coldset on Newsprint

Contact

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 www.nikkan-offset.co.jp



Workflow	Circulation	1667000
	Page format (mm)	406.5 x 546.0
	Editorial	FOUNDER FNP-R
	Ad-Booking	
	General Workflow	FOUNDER FNP-R
Prepress	File Checking	FOUNDER FNP-R
	Image Handling	Adobe PhotoShop+Plug in
	Color Management	FOUNDER FNP-R
	Ink Saver	
	Proof Software	FOUNDER FNP-R
	Proof Printer	
	RIP	FOUNDER Eagle RIP
Plates	Screen Technology	FOUNDER AM
	Screen Ruling	110 lpi
	CTP Imager	NEC Engineering Amzi Setter
	Film Imager	
Print	Printing Press	Mitsubishi LITHOPIA BTO-N4A
	Press Control	
	Closed Loop System	
	Color Sequence	KCMY
Materials	Plates	Fuji HN-N
	Printing Blankets	FUJIKURA RUBBER LTD NX-1
	Fountain Agent	NISSIN-ink DON-H
	Inks	SAKATA INX Corp Luce
	Paper	OSAKA PAPER OS
	Paper Grammage	45 g/m ²

Nordost-Druck GmbH & Co. KG, Germany

Nordkurier, Neubrandenburg

Since 1991, the publishing houses Augsburgener Allgemeine, Kieler Nachrichten and Schwäbische Zeitung have been associates of the Kurierverlags GmbH & Co. KG. This company is the publisher of 13 regional newspaper editions with the distributing areas Mecklenburg-West Pomerania and Brandenburg. With an impression of 100,000 copies sold each day, the newspaper reaches about 280,000 readers, i. e. nearly 60 percent of the people living there.

The Anzeigenkurier – an advertiser of the Kurierverlags GmbH & Co. KG – has a weekly impression of 324,000 copies in total that are published 10 different editions. Furthermore, the company publishes special supplements and, for surplus value, a number of different orders. The distribution department is called Zustellvertriebsgesellschaft (abbr.: ZVG). In the meantime, the company has seven local ZVGs with more than 1,600 deliverers. With the slogan "Good value, quick and reliable" the ZVG provides about 4,500 customers with daily approx. 105,000 letters, registered letters, parcels and so on. This is an additional service and another source of income of the company. You can find more information at www.nordost-druck.de.

The Kurierverlags GmbH & Co. KG is one of the first publishing houses participating in the QUIZ-project (April 2000) and establishing a standard profile thus fulfilling the ISO-norm 12647-3. Integrating a standardised color management is the philosophy of the company. That means a consistent standardisation of color allocations via process colors of the Euroscala.

With the extension of print in 2000, the publishing house secured the opportunity of four-color-occupation on all pages. With the discontinuation of technical constraint, the structure of the newspaper was brought into line with customer requirements, and the market's demand for more coloration.

Modern technologies like the editorial system Hermes XI of Atex, the production planning/controlling system and paging system of PPI with an interface allowing for inquiries about the color zone pre-setting values to Print 3 of EAE, the archives system DC 4, and the thermal direct illustration of printing plates by "Newsetter" of KPG are exemplary of the innovative orientation of the Kurierverlags GmbH & Co. KG towards a consolidation and extension of its position in the media landscape. The employees' involvement and their competences, the support of motivation and qualification, and finally identification with the product itself are decisive factors for our success.

Evaluated Category

Coldset on Newsprint

Contact

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E-mail: gf@nordost-druck.de



Workflow	Circulation	100000
	Page format (mm)	350 x 510
	Editorial	Atex Hermes 11
	Ad-Booking	Lufthansa Systems Vi&Va
	General Workflow	PPI PlanPag,OM
Prepress	File Checking	OneVision Asura
	Image Handling	AGFA IntelliTune 4.1
	Color Management	GretagMacbeth ProfileMaker 5
	Ink Saver	
	Proof Software	
Print	Proof Printer	Epson PRO 4880
	RIP	Harlequin Navigator 8.0
	Screen Technology	AM
Plates	Screen Ruling	100 lpi
	CTP Imager	Kodak Newssetter
	Film Imager	
Print	Printing Press	KBA, Koenig & Bauer Express
	Press Control	EAE Print 3
	Closed Loop System	
	Color Sequence	CMYK
Materials	Plates	Kodak Thermal News Gold
	Printing Blankets	Streb Royal Web K 2
	Fountain Agent	Druckchemie Wassertop
	Inks	Flint Group EuroStar
	Paper	UPM Kymmene News C
Paper Grammage	45 g/m ²	

Verlag Nürnberger Presse Druckhaus Nürnberg GmbH & Co., Germany

Nürnberger Nachrichten, Nuremberg

Nürnberger Nachrichten is one of the major regional newspapers in the Federal Republic of Germany. With a print run of around 277,000 copies from Monday to Friday and approximately 324,000 on Saturdays, it is available in 24 versions in 15 counties in Mittelfranken (Central Franconia) and neighbouring regions in Oberfranken (Upper Franconia) and Oberpfalz (the Upper Palatinate). Some 1.8 million people live in the paper's circulation area, which stretches from Pegnitz to Treuchtlingen and Parsberg to Rothenburg ob der Tauber, and it has a daily readership of 760,000.

A new printing centre was built in autumn 2003. The entire production of Nürnberger Nachrichten is controlled and carried out in-house in the centre of the city. The two presses are equipped with 12 printing towers and 16 four-color pages are possible per tower. Typically, 40,000 copies of the newspaper (43,000 maximum) run through the couples and the six-folder devices per hour. The folders are designed to cope with 96 four-color pages, but Nürnberger Nachrichten prints a maximum of 64 pages in one go.



Evaluated Category

Coldset on Newsprint

Contact

VERLAG NÜRNBERGER PRESSE
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 Jörg Zägelein, Quality Manager
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Workflow	Circulation	277000
	Page format (mm)	315 x 470
	Editorial	Atex Hermes
	Ad-Booking	Cosy DIGIMAN
	General Workflow	manroland PPI
Prepress	File Checking	OneVision Asura
	Image Handling	Elpical Claro
	Color Management	OneVision Asura
	Ink Saver	
	Proof Software	
	Proof Printer	
	RIP	Harlequin
Plates	Screen Technology	AM
	Screen Ruling	140 lpi
	CTP Imager	Krause LaserJet
Print	Printing Press	manroland Colorman 3/10
	Press Control	ABB MPS-Production
	Closed Loop System	
	Color Sequence	KCMY
Materials	Plates	Fuji LP-NNW
	Printing Blankets	Böttcher Top 5600 A
	Fountain Agent	Printcom Fount C 706 x
	Inks	Flint, Huber
	Paper	UPM News
	Paper Grammage	45 g/m ²

Verlag Nürnberger Presse Druckhaus Nürnberg GmbH & Co., Germany

Nürnberger Zeitung, Nuremberg

Nürnberger Zeitung, one of Germany's oldest daily papers, first appeared on the scene under the name "Der Fränkische Kreiscorrespondent von und für Deutschland".

Today, Nürnberger Zeitung and its sister paper Nordbayerische Zeitung are sold throughout almost all of the Mittelfranken region (Central Franconia). With an average print run of around 28,000 copies on weekdays and 31,000 on Saturdays, Nürnberger Zeitung ranks among the reliable dailies, providing up-to-date, critical coverage on all areas of everyday life.

The paper is printed at Verlag Nürnberger Presse Druckhaus Nürnberg GmbH & Co. – in the very heart of the city.



Evaluated Category

Coldset on Newsprint

Contact

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Workflow	Circulation	28000
	Page format (mm)	315 x 470
	Editorial	Atex Hermes
	Ad-Booking	Cosy DIGIMAN
	General Workflow	manroland PPI
Prepress	File Checking	OneVision Asura
	Image Handling	Elpical Claro
	Color Management	OneVision Asura
	Ink Saver	
	Proof Software	
	Proof Printer	
	RIP	Harlequin
Plates	Screen Technology	AM
	Screen Ruling	140 lpi
	CTP Imager	Krause LaserJet
	Film Imager	
Print	Printing Press	manroland Colorman 3/10
	Press Control	ABB MPS-Production
	Closed Loop System	
	Color Sequence	BCMY
Materials	Plates	Fuji LP NNW
	Printing Blankets	Böttcher Rop 5600 A
	Fountain Agent	Printcom Fount C 706 x
	Inks	Flint, Huber
	Paper	UPM News
	Paper Grammage	45 g/m ²

Neue Zürcher Zeitung AG, Switzerland

NZZ am Sonntag, Zürich

With the publication of the Sunday "NZZ am Sonntag" for the first time on 17 March 2002, NZZ responded to readers needs on the weekend with its customary credibility and competence. The Sunday edition offers not just reports, analyses, comments and background reports on current events, but also articles about developments in society, cultural trends, entertaining features and columns. The magazine "Z", published eight times annually, complements the weekend editions with an offering of articles on lifestyle. With its average circulation of more than 128,000 copies, "NZZ am Sonntag" reaches more than 500,000 readers weekly. Printing is done in the printing centre in Schlieren that was extended in 2004. NZZ Print presents itself as a strong and quality-conscious partner for all newspaper products.



Evaluated Category

Coldset on Newsprint

Contact

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 www.nzz.ch

Workflow	Circulation	128516
	Page format (mm)	320 x 470
	Editorial	Michelic & Partner News NT
	Ad-Booking	Publicitas Pup 2000
Prepress	General Workflow	AGFA Arkitex
	File Checking	OneVision Asura
	Image Handling	Elpical Claro
	Color Management	Gretag Macbeth ProfileMaker 5.0.5
	Ink Saver	
	Proof Software	EFI ColorProof
	Proof Printer	Epson Stylus Pro 4000
Plates	RIP	Harlequin Grafix RIP 7.2
	Screen Technology	AGFA Moderate elliptical AM
	Screen Ruling	122 lpi
	CTP Imager	AFGA Polaris XTV
Print	Film Imager	
	Printing Press	WIFAG evolution 471
	Press Control	ABB MPS Production 3.6-8
	Closed Loop System	WIFAG WFR, WSR
Materials	Color Sequence	CMYK
	Plates	AGFA N92V-NP
	Printing Blankets	Trelleborg Vulcan Royal Web K2
	Fountain Agent	Tewtrell Good News Fount
	Inks	Stehlin + Hostag AG Good News
	Paper	Perlen Papier AG Perlenpress CS Extra 65
	Paper Grammage	45 g/m ²

Okaz Organization for Press & Publication, Saudi Arabia

Okaz, Jeddah

Okaz is a leading Arabic and English daily in Saudi Arabia.



Evaluated Category

Coldset on Newsprint

Contact

Mr. Tarek Khayat,
Okaz Organization for Press and Publications,
Dallah Street,
Al Rehab Dist,
Jeddah, Saudi Arabia.

Workflow	Circulation	220000
	Page format (mm)	350 x 575
	Editorial	Knowledge View
	Ad-Booking	
	General Workflow	
Prepress	File Checking	Adobe Acrobat
	Image Handling	Adobe Photoshop
	Color Management	
	Ink Saver	
	Proof Software	
	Proof Printer	Xerox 7760
	RIP	Kodak EVO
Plates	Screen Technology	Kodak AM
	Screen Ruling	100 lpi
	CTP Imager	Kodak Generation News
	Film Imager	
Print	Printing Press	Goss Universal – 50
	Press Control	
	Closed Loop System	
	Color Sequence	
Materials	Plates	Kodak Thermal News Gold
	Printing Blankets	
	Fountain Agent	
	Inks	
	Paper	
	Paper Grammage	

OÖN Druckzentrum GmbH & Co KG, Austria

OÖNachrichten, Pasching

Founded in 1701, the small printing plant was acquired in 1843 by Josef Wimmer, himself a trained printer. At that time there were eight employees. Medienhaus Wimmer has been family-owned for more than five generations and today has some 430 employees. The company's main product is the OÖ daily newspaper that is published with a circulation of 130,000 copies on weekdays and up to 150,000 copies on Saturday. OÖ is read by nearly 600,000 persons. Company turnover is in the region of EUR 70 million. OÖNachrichten is a regional newspaper, aimed at the area of Upper Austria. In addition, OÖNachrichten is published daily with six local versions in the form of a fifth section.

Tips – the OÖ free newspaper published with 25 local versions – is published weekly with a total circulation of 900,000 copies.

The editorial department, publishing house and advertising department are located at the main office in Linz. Medienhaus Wimmer has earned a reputation for excellence and the quality of its products is up to international standards. The quality of its newspaper printing and reproduction is constantly optimised.

Wimmer Medien has achieved membership in the Iffa Color Quality Club three times since it was called into being in 1994. In 1990, the company started printing on a four-color KBA Express web offset press. In August 1998, all-digital production was introduced with a Krause LSN CTP system. Paper consumption is 15,000 t annually. Today, Wimmer Medien is active in the modern communication sector, including film, radio, TV and all aspects of printing.

On 11 September 2003, Wimmer Medien inaugurated the new OÖN printing centre. The new building, featuring an impressive architectural design, was constructed on a 22,000 sqm site in Pasching/Linz.

The building was completed within one year and the following equipment installed: 3 Krause Eco-Jet CTP systems, one KBA Commander press, 64 pages 4/4, max. 45,000 copies/h. The mailroom is completely equipped with Ferag systems.

OÖNachrichten has been printed since 15 July 2003 at the Pasching printing centre, where other objects are also produced around the clock.

Evaluated Category

Coldset on Newsprint

Contact

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Workflow	Circulation	150000
	Page format (mm)	300 x 450
	Editorial	alfa Media Partner
	Ad-Booking	alfa Media Partner
	General Workflow	Krause LSS
Prepress	File Checking	OneVision
	Image Handling	AGFA Intellitune
	Color Management	IFRA ISONNewspaperV264.icc profile
	Ink Saver	Wobe PDFCorrect
	Proof Software	ABB
	Proof Printer	ABB
Plates	RIP	Torent
	Screen Technology	AM
	Screen Ruling	40 lines/cm
	CTP Imager	Krause
Print	Film Imager	
	Printing Press	KBA, Koenig & Bauer Commander
	Press Control	ABB
	Closed Loop System	
	Color Sequence	CMYK
Materials	Plates	AGFA N92V
	Printing Blankets	Rollin
	Fountain Agent	Huber Hydrofix-Z
	Inks	Huber München High strength Ink
	Paper	UPM/SteyrerMühl/Österreich
	Paper Grammage	42.5 g/m ²

J. Esslinger GmbH & Co. KG, Germany

Pforzheimer Zeitung, Pforzheim

Some 250.000 persons live in the region of the city of Pforzheim that is situated between the major centres of population Stuttgart and Karlsruhe, close to the Black Forest. It is in Pforzheim that the Pforzheimer Zeitung is published by the Verlag J. Esslinger GmbH & CoKG in a print run of 44.000 copies on weekdays, rising to 52.000 on Saturday. It is a typical medium-sized daily newspaper that competes with four local newspapers in its area of distribution.

With premises situated in the city centre, the Pforzheimer Zeitung is a vital element for the city and is operated as an independent, family-run newspaper house with 175 employees, including 40 working in the editorial department. Average page count of the Pforzheimer Zeitung is 36 on weekdays up to 96 on Saturday. By implementing a moderate price policy, the newspaper has succeeded in attracting a high volume of color ads to the newspaper.

As a result, today the Pforzheimer Zeitungshaus has more color ads in all sections than any other newspaper in south west Germany. Since 1999 the Pforzheimer Zeitung has been printed on a manroland Geoman press in a 10 cylinder satellite configuration. In a parallel move, the newspaper was given a modern layout. A further contributing factor to the improved quality was the use of the screening technology from Sandy Screen. By ongoing training of the prepress team, the newspaper has succeeded in achieving a consistently high standard of quality. Exposure is done on Basysprint equipment. In the first quarter of 2002, a printing tower was added to the press, so that now 48 pages can be printed in color. The press is equipped also with a techotrans blanket washing system. "When redesigning the newspaper, we did not focus exclusively on the new rotary press, but took due account of the fact that quality of newspaper color printing begins at the prepress stage and that is primarily there that responsibility for the product lies", says editor Albert-Esslinger Kiefer.

The management of the publishing house is aware that whereas newspapers continue to have a large pool of potential readers, they can only be successful in the face of fierce competition from other media and in view of a faltering reading culture if they succeed in addressing those sectors of the population that are interested in political, communal and cultural life.

Evaluated Category

Coldset on Newsprint

Contact

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Workflow	Circulation	44000
	Page format (mm)	350 x 510
	Editorial	Funkinform
	Ad-Booking	
	General Workflow	
Prepress	File Checking	
	Image Handling	Adobe Photoshop CS
	Color Management	Eurostandard
	Ink Saver	
	Proof Software	
	Proof Printer	
RIP	DELL Power Edge 2300	
Plates	Screen Technology	Sandy S
	Screen Ruling	152 lpi
	CTP Imager	BasysPrint
	Film Imager	
Print	Printing Press	manroland Geoman
	Press Control	manroland PECOM
	Closed Loop System	
	Color Sequence	CMYK
Materials	Plates	Kodak Winner Gold
	Printing Blankets	MacDermid Polycell Sat 10
	Fountain Agent	Flint Group TS 101
	Inks	Flint Group Eurostar Serie
	Paper	Perlen Perlenpress
	Paper Grammage	45 g/m ²

Göttinger Tageblatt GmbH & Co. KG, Germany

Photo Presse, Göttingen

Printed at the Druckhaus Göttingen are the daily newspapers Göttinger Tageblatt, Eichsfelder Tageblatt and Alfelder Zeitung. In addition, some 1.6 million copies of freesheets are printed weekly for Hanover, Hildesheim and the southern part of Lower Saxony. Two Koenig & Bauer Colora presses are used to print some 8000 tonnes of newsprint with more than 100 tonnes of ink annually.

The company also produces high-quality print objects by the commercial and sheet-fed processes, including image calendars, advertising prospectuses, posters, though also art books for exhibitions.

Druckhaus Göttingen offers the following services:

- consultancy for design, material, implementation and logistics
- experience, competence, innovative technology, a reliable partnership
- individual customer care.

The company invests constantly in the latest technology as well as personnel training in order to improve its processes and the printed results. Printing is done on, among other presses, the most modern Heidelberg press in the 3B format. For detailed information about or operation and products, visit our website www.gt-druckhaus.de.



Evaluated Category

Extra category for tinted paper or extraordinary printing conditions

Contact

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Workflow	Circulation	
	Page format (mm)	210 x 297
	Editorial	Adobe InDesign
	Ad-Booking	
	General Workflow	Heidelberg Prinect
Prepress	File Checking	Heidelberg Prepress Manager
	Image Handling	Heidelberg Meta Shooter
	Color Management	
	Ink Saver	
	Proof Software	Heidelberg Meta Dimension
	Proof Printer	Epson 9880
	RIP	Heidelberg Prinect
Plates	Screen Technology	AM
	Screen Ruling	200 lpi
	CTP Imager	Heidelberg Suprasetter
	Film Imager	
Print	Printing Press	Heidelberger XL105
	Press Control	Heidelberg Prinect Image control
	Closed Loop System	
	Color Sequence	KCMY
Materials	Plates	Fuji LH-PJEST 1055 x 811 mm
	Printing Blankets	Heidelberg Perfekt Dot
	Fountain Agent	Flint Hydrofast gs312ctp
	Inks	K & E 700 speed
	Paper	Papierunion Galaxi
	Paper Grammage	115 g/m ²

Prensa Libre S.A., Guatemala

Prensa Libre, Guatemala

Prensa Libre was born on 19 August 1951, under the vision of five Guatemalan journalists. It was dedicated to the truth and aimed to offer independent, honest and worthy journalism. This motto remains the objective of the company, which today has more than 700 employees. Prensa Libre is a morning newspaper published Monday to Sunday with an average of 130,000 copies.

Prensa Libre is directed to all socio-economic segments and ages, covering the information and entertainment needs on a daily basis, including the capital city and all 21 of the Guatemala States.

Prensa Libre is a universal newspaper and its content and products, target and reach kids, teens, young adults and adults in the same manner.

The company is in constant development of new magazines and publications targeting different segments of the market, analyzing and studying the products to offer a media experience, and ensure the satisfaction of readers, advertising agencies, and direct clients.

Readers spend an average of 30 minutes reading every copy, which is more than three times the average of other newspapers in Guatemala. The readers are working people, worried about the state of their country, who want the content provided by Prensa Libre for information, entertainment and pleasure.

Prensa Libre has the largest subscription base in Guatemala. Thirty-five percent of our total circulation is based on subscription delivery, more than 46,000 families or companies receive Prensa Libre on a daily basis, representing more than 276,000 readers every day. On average, six people read each a copy.

Prensa Libre's website (www.prensalibre.com), is considered the reference website of the Guatemalan people. It is the most visited Guatemalan website and is viewed more than 7.5 million times a month. Forty percent of these visits come from the United States.

The company also publishes numerous other websites, magazines and publications.

Evaluated Category

Coldset on Newsprint

Contact

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Workflow	Circulation	130000
	Page format (mm)	289 x 343
	Editorial	Tera Digital Publishing Good News 3
	Ad-Booking	MANAGING EDITOR ALS
	General Workflow	Kodak PRINERGY CONECT 4.0
Prepress	File Checking	OneVision Asura
	Image Handling	Adobe Photoshop
	Color Management	Adobe CREATIVE SUITE CS3
	Ink Saver	Binuscan PDF SERVER
	Proof Software	GMG COLORS
	Proof Printer	Epson EPSON STYLUS PRO 4880
RIP	Kodak PRINERGY WORKSHOP 4.0	
Plates	Screen Technology	Kodak STACCATO FM
	Screen Ruling	
	CTP Imager	Kodak TREND SETTER NEWS
	Film Imager	
Print	Printing Press	HARRIS COTTREL 845
	Press Control	HARRIS SEMI AUTOMATICO
	Closed Loop System	K&F Barra Portaplacas de Mordaza
	Color Sequence	CMYK
Materials	Plates	ANOCOIL T33
	Printing Blankets	DAY BLANKETS DAY
	Fountain Agent	Sun Chemical MANI EDITION 51
	Inks	Sun Chemical PROCESS INKS (CMYK)
	Paper	CATALYST NEWSPAPER
	Paper Grammage	45 g/m ²

Rheinisch-Bergische Druckerei GmbH & Co. KG, Germany

Rheinische Post, Düsseldorf

Rheinisch-Bergische Druckerei GmbH & Co. KG, based in Düsseldorf Heerd, is a joint venture of "Rheinische Post", Düsseldorf and "Westdeutsche Zeitung", Wuppertal. The printing centre in Düsseldorf is equipped with the latest offset technology in the shape of the KBA Commander, which was installed in 2001 and continuously extended up to 2007. In June 2010 the printing capacity was again increased with two new 32-page Cortina compact rotary presses added to the machine pool. As such, the operation now has 14 printing units in 4/2 technology and 6 folders.

The Cortina technology for waterless offset printing not only facilitates high print quality with a 70 l/cm screen, but is also format-variable, meaning that printed products can now be printed in both broadsheet and tabloid format. Six MSD inserting lines (12-in-1) from Ferag are available in the mailroom for preparation of the printed products, which are buffered in an automatic interim store (CTI/Ferag) and then sent out to the dispatch lines. A seventh RSD inserting line (also 12-in-1) rounds off the insertion capacity.

Two of the inserting lines are equipped with Ferag technology for stitching and trimming, also allowing magazine formats to be produced alongside the classic broadsheet and tabloid formats. A "Stream Folder" from Ferag for production of a third fold rounds off the wide processing potential of the dispatch room.

Modern system environments from EAE/ABB/Swisslog/KBA and Ferag enable a largely automated production process with the aforementioned printing and mailroom systems.

Coupled with this equipment, the skills of around 190 specialist personnel and engineers mean that we can offer our customers a diverse product range that many classic newspaper printers would often shy away from. An average of 420,000 copies of the Rheinische Post newspaper leave our print shop every day, reaching around 1.2 million readers. In addition, we also produce approximately 3.6 million copies every week, including publications for free newspaper customers, other publishing houses and advertisers. We are equally at home supporting printshop customers with run lengths of 10,000 copies and those with run lengths of 500,000 copies and more.

We would be happy to discuss your product ideas with you. You will be amazed by the many product options and attractive print and finishing prices we can offer! Contact: Sales Director Winfried Müller, winfried.mueller@rbd-duesseldorf.de

Evaluated Category

Coldset on Newsprint

Contact

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 INCQC responsible: Stefan Durst
 E-mail: stefan.durst@rbd-duesseldorf.de



Workflow	Circulation	404000
	Page format (mm)	350 x 510
	Editorial	alfa Media Partner NewsSuite
	Ad-Booking	ppi Media AdMan
	General Workflow	ppi Media PlanPag
Prepress	File Checking	OneVision Asura
	Image Handling	AGFA Intellitune
	Color Management	
	Ink Saver	Prolmage OnColor ECO
	Proof Software	EFI ColorProof
Plates	Proof Printer	Epson Stylus Pro 9900
	RIP	Harlequin
	Screen Technology	AM 52er
	Screen Ruling	132 lpi
	CTP Imager	AGFA Polaris XTV-5
Print	Film Imager	
	Printing Press	KBA, Koenig & Bauer Commander
	Press Control	ABB MPS
	Closed Loop System	
	Color Sequence	
Materials	Plates	Fujifilm, AGFA LT-NNW/N92
	Printing Blankets	Böttcher Top 5600 A
	Fountain Agent	Hostmann-Steinberg Hydrofix
	Inks	Flint
	Paper	Stora Enso Hylte
Paper Grammage	45 g/m²	

Verlag Lensing-Wolff GmbH & Co. KG, Germany

Ruhr Nachrichten, Dortmund

Among the titles published by Medienhaus Lensing are the daily newspapers "Ruhr Nachrichten", "Münstersche Zeitung", "Münsterland Zeitung" and "Emsdettener Zeitung" with their local editions as well as various freesheets. Medienhaus Lensing owns three printing centres located in Dortmund, Münster and Ahaus. In addition, the company operates a call centre, a mail delivery service and has participations in local radio stations.



Evaluated Category

Coldset on Newsprint

Contact

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 www.Lensing-Druck.de

Workflow	Circulation	160000
	Page format (mm)	340 x 480
	Editorial	Funkinform Dialog 4.0
	Ad-Booking	Funkinform Dialog 4.0
	General Workflow	Fotoware Indexmanager, Color Factory
Prepress	File Checking	OneVision Asura + Solvero
	Image Handling	Color factory, Photoshop
	Color Management	IFRA ISONewspaperv264.icc profile
	Ink Saver	In-Rip using DeviceLink
	Proof Software	EAE Softproof at control desk
	Proof Printer	HP Designjet 130nr
	RIP	Harlequin 8.1
Plates	Screen Technology	AM
	Screen Ruling	48er, 120 lpi
	CTP Imager	Wobe Team, Krause, Nela
	Film Imager	
Print	Printing Press	WIFAG OF 470 GTD
	Press Control	EAE Print 4
	Closed Loop System	
	Color Sequence	CMYK
Materials	Plates	Kodak Polychrom Violet News Gold
	Printing Blankets	Streb Royal Web K2
	Fountain Agent	Vegra FWZ Violet E903 Zi dH
	Inks	Hostmann-Steinberg Good News
	Paper	Stora Enso Hylte AB News Press
	Paper Grammage	45 g/m ²

Saarbrücker Zeitung Verlag und Druckerei GmbH, Germany

Saarbrücker Zeitung, Saarbrücken

Saarbrücker Zeitung is the leading regional daily newspaper in the Saarland area and can trace its roots back to the year 1761. With an average circulation of 152,000 copies, the SZ is published daily, except Sunday, in 12 local editions and is read by some 480,000 persons. As the only regional subscription newspaper in the Saarland area, the SZ is published Monday to Thursday with an average page count of 32, and on Friday and Saturday with 80 pages (including preprints). Since October 2004, Saarbrücker Zeitung has been produced strictly in accordance with the conditions of the ISO newspaper printing standard.

Editorial production is done using the CCI NewsDesk system. For advertising, the SAP-IS-MAM is used in combination with the PPI planning and production components. Plate production is done via PPI PrintNetOM on two Krause LS Jet 250 systems, with automatic plate punching and bending carried out on 2B and Nela units.

Since September 2006 the SZ has been published in the Rhinish format and printed on two manroland Colorman presses equipped with 9-couple satellite units. The installation is equipped with ribbon and section stitcher as well as a Commcad card gluing system. This permits collect production of up to 64 full-color pages.

Saarbrücker Zeitung uses two Ferag lines for newspaper finishing. Higher-quality inserts and print products are produced via a cutting drum.



Evaluated Category

Coldset on Newsprint

Contact

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Workflow	Circulation	152500
	Page format (mm)	350 x 510
	Editorial	CCI NewsDesk
	Ad-Booking	SAP IS:MAM
	General Workflow	PPI PlanPag, AdMan, ProPag, PrintNet-OM
Prepress	File Checking	OneVision Asura / Solvero
	Image Handling	Elpical Premedia Server
	Color Management	X-RITE Monaco Profiler
	Ink Saver	
	Proof Software	GMG ColorProof
	Proof Printer	Epson Stylus pro 4400
	RIP	Torrent RIP Torrent
Plates	Screen Technology	Harlequin AM
	Screen Ruling	100 lpi
	CTP Imager	Krause LaserStar, LSJet 250
	Film Imager	
Print	Printing Press	manroland COLORMAN (+ Technotrans)
	Press Control	manroland PECOM
	Closed Loop System	
	Color Sequence	CMYK
Materials	Plates	Fuji LP-NNW
	Printing Blankets	Day International 8395
	Fountain Agent	Vegra Violet E 794/858-54 Zi
	Inks	FlintGroup EuroStar
	Paper	Stora Enso Newspress
	Paper Grammage	45 g/m ²

deltaspray.line

Saarbrücker Zeitung



The innovative and reliable technology of the modular spray dampening system **deltaspray.line** helps Saarbrücker Zeitung achieve constant printing quality and high process stability.

The unique nozzle cleaning concept (Venturi principal) does not need any additional air supply, it reliably prevents from nozzle clogging. "This technological finesse is absolutely unique and so efficient that it cannot be compared to any other solution in the market today. The dampening system was opened and cleaned first time after one year of print production", says printing expert Peter Hammes from the Saarbrücker Zeitung, "Take a nozzle cleaning system with compressed air as an alternative: colleagues, using this technology confirm, that this easily leads to register problems in compact presses."

The advantages at a glance:

- dampening solution is transferred without contact at a high and controlled spraying frequency
- individual activation of each spray nozzle for highest dosing accuracy
- quick, easy and tool-free handling of all components and assemblies
- symmetrical design; the spray dampening units are interchangeable

Further technotrans newspaper solutions at Saarbrücker Zeitung are:

- **delta.f** cross-flow dampening solution filtration
- Customer-specific **central ink.supply system**
- **delta.sd 120** dampening solution preparation
- **contex.mb** blanket cleaning system

Mit dem Einsatz modularer Sprühfeuchtwerke der **deltaspray.line** erzielt die Saarbrücker Zeitung, dank der innovativen und zuverlässigen Technik, eine konstante Druckqualität bei hoher Prozessstabilität.

Das Prinzip zur fremdenergieelosen Düsenreinigung schützt sämtliche Düsen vor Verschmutzung. "Diese neuartige Technologie ist einzigartig und so effizient, dass es nicht mit anderen Lösungen auf dem Markt verglichen werden kann. Die Sprühfeuchtwerke wurden erstmals nach einem Jahr Druck-Produktion geöffnet und gereinigt", so Druck-Experte Peter Hammes von der Saarbrücker Zeitung, "Kein Vergleich zu dem Versuch, Düsen durch Druckluft von außen sauber zu halten. Kollegen, die mit diesem Verfahren arbeiten, beklagen besonders bei engen Maschinen erhebliche Passerprobleme."

Vorteile auf einen Blick:

- kontaktlose Übertragung des Feuchtmittels mit hoher, kontrollierter Sprühfrequenz
- Dosierung über individuelle Ansteuerung jeder Sprühdüse
- schnelle und werkzeuglose Handhabung sämtlicher Bauteile und Komponenten
- symmetrischer Aufbau
– keine „linken“ und „rechten“ Sprühfeuchtwerke

Weitere technotrans Lösungen für den Zeitungsdruck bei der Saarbrücker Zeitung sind:

- **delta.f** Feuchtmittel-Querstromfiltration
- Kundenspezifische **Zentrale Farbversorgung**
- **delta.sd 120** Feuchtmittelaufbereitung
- **contex.mb** Gummituch-Waschanlage



technotrans

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SDZ Druck und Medien GmbH & Co. KG, Germany

Schwäbische Post, Aalen

SDZ Druck und Medien is a company with about 300 employees. The company's activities are daily and weekly newspaper publishing, media services, data management, SDZCOM digital media services, digital printing and offset printing services. The Schwäbische Post is a regional daily newspaper with a circulation of about 27,000 copies. In 1965 it became one of the first daily newspapers in Germany to be printed by the web offset color printing.

Modern editorial and layout programs are used for the complete production of editorial and advertising pages. Multiple use is made of text and image data, including the company's electronic media.

The prepress department is among the pioneers of computer-controlled text processing, and since 1990 has been organised to operate with digital workflows up to CTP. The emphasis today is on database-supported catalogue production for print an electronic media.

Digital image recording and image processing, color management and output-neutral image data handling up to the image database, with automatic integration into page documents and external access possibilities are features of the prepress sector of the SDZCOM digital media service provider.

State-of-the-art digital tools and production equipment, and benchmarking of the participation in the international Newspaper Color Quality Club competition are the logical consequence of an innovative, quality oriented corporate philosophy.

Newspaper titles and circulations:

- Schwäbische Post: 27,000 daily
- Gmünder Tagespost: 11,500 daily
- Wochenpost: 70,000 weekly
- Gmünder Anzeiger: 60,000 weekly
- Wirtschaft Regional: 11,500 monthly

Color capacity: 32 pages, 16 pages 4/4, 16 pages 2/2, improved quality by IR surface treatment.

Evaluated Category

Coldset on Newsprint

Contact

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Workflow	Circulation	27000
	Page format (mm)	315 x 470
	Editorial	alfa Media Partner OpenMedia
	Ad-Booking	alfa Media Partner AVPAS
Prepress	General Workflow	
	File Checking	OneVision Asura + Solvoro
	Image Handling	Adobe Photoshop
	Color Management	LinoColor
	Ink Saver	
	Proof Software	GMG
	Proof Printer	Epson 4880
Plates	RIP	GMG RIP-SERVER
	Screen Technology	AM
	Screen Ruling	1270 dpi / 48 lines/cm
	CTP Imager	AGFA Advantage
Print	Film Imager	
	Printing Press	manroland Mediaman
	Press Control	manroland PECOM 1
Materials	Closed Loop System	
	Color Sequence	CMYK
	Plates	AGFA LAP-5
	Printing Blankets	Trelleborg x 5
	Fountain Agent	Wassertop NP 5/2
	Inks	Flint / Huber
Paper	Palm ZP 1	
Paper Grammage	45 g/m ²	

West Australian Newspaper Ltd, Australia

Seven Days Magazine, Perth

Daily newspaper printing six editions per week and most of its inserts.

Newspaper currently has the largest distribution in the world covering over ten million kilometres per year. The only double width newspaper printing with FM screening on all products.



Evaluated Category

Heatset on SC or LWC paper

Contact

Gary Owens
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Australia

Workflow	Circulation	400000
	Page format (mm)	230 x 270
	Editorial	CCI Newsdesk
	Ad-Booking	CCI Ad Desk
	General Workflow	AGFA Apogee
Prepress	File Checking	Quickcut Page Store
	Image Handling	AGFA Intellitune
	Color Management	X-RITE Intellitrac
	Ink Saver	AGFA OptiInk
	Proof Software	AGFA Apogee
	Proof Printer	Epson 9900
RIP	AGFA Grafix Rip	
Plates	Screen Technology	AGFA FM
	Screen Ruling	36 Micron
	CTP Imager	Kodak Trendsetter
	Film Imager	
Print	Printing Press	KBA, Koenig & Bauer Comet
	Press Control	EAE
	Closed Loop System	
	Color Sequence	KCMY
Materials	Plates	Kodak Thermal News
	Printing Blankets	Day International 3397-4
	Fountain Agent	DS Chemport Acedin Web 1555 Q7
	Inks	DIC Coates Universal
	Paper	Norske Skog NorSc 52
	Paper Grammage	52 g/m ²

Apple Daily Publication Development Limited, Taiwan Branch

Sharp Daily, Taipei

Sharp Daily is a free Chinese-language tabloid newspaper, published in Taipei, Taiwan by Next Media.

Sharp Daily shares news content with Apple Daily (Taiwan). According to Forbes, each copy costs 2.8 New Taiwan dollars to produce and its target readership is "the train-riding working class."



Evaluated Category

Coldset on Newsprint

Contact

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Workflow	Circulation	145000
	Page format (mm)	578 x 345
	Editorial	AWT NewsDesk
	Ad-Booking	AWT CompuServe
	General Workflow	ProlImage Newsway
Prepress	File Checking	ProlImage Newsway
	Image Handling	ProlImage Newsway
	Color Management	
	Ink Saver	
	Proof Software	Epson Star Proof 5.0
	Proof Printer	Epson Pro 9880
RIP	Global Graphics Harlequin Express RIP	
Plates	Screen Technology	AM
	Screen Ruling	100 lpi
	CTP Imager	
	Film Imager	Fuji F-9000 image setter
Print	Printing Press	Goss Universal 70
	Press Control	GOSS OPCS Level3
	Closed Loop System	EAE Closed loop control
	Color Sequence	CMYK
Materials	Plates	Fuji, Kodak
	Printing Blankets	MacDermid Graffity
	Fountain Agent	Phocolor HUBER HYDROLITH ZR-A
	Inks	DIC Australia CS-series
	Paper	Norske Skog/Catalyst/Stora Enso
	Paper Grammage	45 + 48.8 g/m ²

Sin Chew Media Corporation Bhd, Malaysia

Sin Chew Daily, Kuala Lumpur

Sin Chew Daily is the largest circulated Chinese daily in Malaysia with a daily average circulation of approximately 400,000 copies. Since its inception in 1929, it has gone through many trials and tribulations to become a credible mainstream daily respected by many for its independent stance on current issues.

It is a paper that caters for all with contents spanning from latest updated news, thought provoking opinions, business news, fashion, entertainments, sports and others.

Sin Chew Daily is the flagship publication of Sin Chew Media Corporation Berhad which is a subsidiary of Media Chinese International Limited, one of the largest Chinese media outside China and Taiwan.

The paper is printed on Goss Universal with a configuration consisting of eight towers 4 high printing unit of 711 mm web width capable of printing 32 pages broadsheet full color at a maximum speed of 50,000 copies per hour. The pressroom has three such line of Goss Universal machine.



Evaluated Category

Coldset on Newsprint

Contact

Sin Chew Media Corporation Bhd.
Selangor, Malaysia
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Group General Manager Production
E-mail: peterng@sinchew.com.my

Workflow	Circulation	400000
	Page format (mm)	355,5 x 578
	Editorial	AWT Editorial Mgm't System
	Ad-Booking	AWT Advertisement System
	General Workflow	Prolmage Newsway
Prepress	File Checking	OneVision Asura Pro
	Image Handling	Adobe Photoshop CS
	Color Management	OnColor
	Ink Saver	Pro Image OnColor ECO
	Proof Software	EFI ColorProof XF
	Proof Printer	Epson Stylus Pro 4800
	RIP	Global Graphics Harlequin Rip
Plates	Screen Technology	AM
	Screen Ruling	100 lpi
	CTP Imager	Kodak Gen News V speed
	Film Imager	
Print	Printing Press	Goss Universal 50
	Press Control	Goss Allen Bradley
	Closed Loop System	
	Color Sequence	CMYK
Materials	Plates	Kodak Thermal News Gold
	Printing Blankets	Day International DAY 3000
	Fountain Agent	Toyochem Megapress 3001
	Inks	Toyochem WKNU ISO
	Paper	Stora Enso Newspress
	Paper Grammage	45 g/m ²

St. Galler Tagblatt AG, Switzerland

St. Galler Tagblatt, St. Gallen

St. Galler Tagblatt AG is the leading media company in eastern Switzerland. Every day the personnel at Tagblatt Medien is engaged in the acquisition, selection, treatment and distribution of information in printing and electronic form.

The most important product is the St. Galler Tagblatt which is published in seven regional editions. In addition, numerous other titles are produced, both as own publications as well as on a contract basis for customers from all over Switzerland.

Tagblatt Medien reaches its community also in electronic distribution, reaching viewers and listeners throughout eastern Switzerland with "Tele Ostschweiz". Naturally, the news content can be accessed also in the Internet under www.tagblattmedien.ch.

The Coopzeitung is printed on a contract basis for Coop, one of the biggest retailing groups in Switzerland, at the St. Galler Tagblatt AG printing centre in Winkeln. With more than three million readers, it is the highest-circulation newspaper in Switzerland.

The newspapers are produced on a WIFAG OF 470 press, six 4/4 printing towers, seven reels, two 2.5.5 folders and the ABB Press Master System. Thermal News plates are produced on two Kodak Newssetter TH 100 CTP imagesetters and the 2B-precision plate processing system. The page data in PDF format are processed in a largely automated operation by the Autologic workflow management system.



Evaluated Category

Coldset on Newsprint

Contact

St. Galler Tagblatt AG
Hansjürg Stihl
Head of Printing
9001 St. Gallen
Switzerland

Workflow	Circulation	102000
	Page format (mm)	320 x 470
	Editorial	Michelic & Partner NewsNT
	Ad-Booking	ClassWizard
	General Workflow	AGFA Arkitex
Prepress	File Checking	OneVision Asura
	Image Handling	Elpical Claro PreMedia
	Color Management	
	Ink Saver	OneVision Asura Plug InkSave
	Proof Software	GraphicArt PrePress PageView Softproof
	Proof Printer	Xerox DC252
	RIP	AGFA Harlequin
Plates	Screen Technology	SandyScreen SandyP
	Screen Ruling	1270 dpi
	CTP Imager	Kodak Generation News
	Film Imager	
Print	Printing Press	WIFAG OF 470
	Press Control	ABB MPS
	Closed Loop System	
	Color Sequence	CMYK
Materials	Plates	Kodak News Gold
	Printing Blankets	Böttcher Formula 1
	Fountain Agent	Amra Waterline Andystar 6919
	Inks	Sun Vistachrome
	Paper	Utzenstorf alpneps
	Paper Grammage	45 g/m ²

Vjesnik d. d., Croatia

STUDIO, Zagreb

The printing house Vjesnik is unique in Croatia with respect to its production system, which includes all three types of offset printing (newspaper and commercial web offset printing and sheet-fed offset printing), finishing and a wide range of additional services. Our products range from daily newspapers, weekly and monthly magazines, books, telephone directories, catalogues, brochures through to various inserts, leaflets, maps and posters. With our long-standing experience, professional team and state-of-the-art machines and equipment we guarantee high-quality printing products, as well as production reliability and schedule security.



Evaluated Category

Heatset on Newsprint

Contact

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Workflow	Circulation	120000
	Page format (mm)	210 x 280
	Editorial	Quark QPS 3.6
	Ad-Booking	
	General Workflow	
Prepress	File Checking	Enfocus PitStop 8.6
	Image Handling	Adobe Photoshop CS
	Color Management	GMG Color Server
	Ink Saver	GMG Ink Optimizer
	Proof Software	GMG Color Proof + Proof Controll
	Proof Printer	Epson 4800
	RIP	Kodak Prinergy
Plates	Screen Technology	Kodak Staccato
	Screen Ruling	35 micron
	CTP Imager	Kodak Magnus VLF
	Film Imager	
Print	Printing Press	manroland Rotoman
	Press Control	manroland PECOM
	Closed Loop System	QuadTech, System Brunner
	Color Sequence	KCMY
Materials	Plates	Kodak DITP Gold
	Printing Blankets	Continental Contiweb DotStar
	Fountain Agent	Print Com Fount H512 B
	Inks	Sun Chemical News
	Paper	UPM News H
Paper Grammage	45 g/m ²	

Süddeutscher Verlag Zeitungsdruck GmbH, Germany

Süddeutsche Zeitung, Munich

Süddeutsche Zeitung is published by Süddeutscher Verlag, one of Germany's leading media companies. Its print circulation of more than 520,000 copies on weekdays and more than 670,000 copies on weekends makes it the country's largest opinion-shaping newspaper.

With an average page count of more than 70 pages (up to 100 at the weekend), it's published in full color, with a main product comprising up to 48 pages as well as daily different topical and non-topical preprints.

The edition for Germany is printed in four locations: Munich, Berlin, Essen and Hamburg. The editions for all of Bavaria and just for Munich are produced at the company's own printing plant in Munich.

The installation in Munich includes six Agfa Polaris CTP systems, six 48-page manroland colorman 43 presses with 4-high towers, and two 32-page KBA Commander presses, five Ferag Multidisc inserting lines and an automatic wind-on storage system supplied by CTi. Printing is done exclusively in the Nordic Format (400 mm x 570 mm).

Beside the Süddeutsche Zeitung, other publications such as Bild, Bild am Sonntag, Die Welt, as well as various Munich freesheets are produced at the SV printing plant. Up to 7 million copies are produced weekly. The average paper consumption is about 60,000 tonnes per annum.

The company has won numerous prizes of the years, as well as achieving quality certifications.



Evaluated Category

Coldset on Newsprint

Contact

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 www.sv-druckzentrum.de

Workflow	Circulation	520000
	Page format (mm)	400 x 570
	Editorial	Atex Hermes
	Ad-Booking	SAP IS:MAM
	General Workflow	ppi Media
Prepress	File Checking	OneVision Asura + Solvero
	Image Handling	Adobe / Quark
	Color Management	Adobe Photoshop
	Ink Saver	
	Proof Software	GMG
	Proof Printer	HP 1050 / 4000
	RIP	AGFA Grafipix Harlequin
Plates	Screen Technology	AM / FM (Sublima)
	Screen Ruling	101,6 lpi
	CTP Imager	AGFA Polaris
	Film Imager	
Print	Printing Press	manroland Colorman 43
	Press Control	ABB
	Closed Loop System	
	Color Sequence	KCMY
Materials	Plates	AGFA N92V
	Printing Blankets	Day 8395
	Fountain Agent	Acedin
	Inks	MHM
	Paper	Rhein Papier MyNews
	Paper Grammage	42,5 g/m ²

Südostschweiz Partner AG, Switzerland

Südostschweiz, Haag SG

The Südostschweiz Partner AG (SOPAG) was founded 2004 in Haag, Switzerland. The SOPAG is the print location for several newspapers from the regions of the Rhine Valley, Sarganserland, Werdenberg and Obertoggenburg, Principality of Liechtenstein, Cantons Graubünden and Glarus.

Five separate and independent companies are involved in the Südostschweiz Partner AG: Südostschweiz Presse and Print AG from Chur, Sarganserländer Druck AG from Mels, Buchs Media AG from Buchs, Vaduzer Medienhaus AG from Vaduz and RVA Druck und Medien AG from Altstätten. Each publisher has a 20 % share capital of the company.

The SOPAG prints more than 1.7 billion pages per year and has more than 250,000 readers in the region of southeast Switzerland.

Like all over the world, electronic media are on the rise in this region, opening up new forms of information. Considering this development, it is therefore very important to have not only quality content in print but also a very good print quality in-house.



Evaluated Category

Coldset on Newsprint

Contact

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 http://www.sopag.ch

Workflow	Circulation	170000
	Page format (mm)	320 x 470
	Editorial	Quark QPS
	Ad-Booking	
	General Workflow	ABB MPS Plate Manager/Production
Prepress	File Checking	OneVision Asura / Solvero
	Image Handling	Adobe Photoshop CS3
	Color Management	UGRA UPPCT
	Ink Saver	
	Proof Software	X-Rite Color Space Proof
	Proof Printer	Canon iPF 600
	RIP	Global Graphics Harlequin Express
Plates	Screen Technology	AM
	Screen Ruling	40 lines/cm
	CTP Imager	Kodak Trendsetter TH 100
	Film Imager	
Print	Printing Press	WIFAG OF7
	Press Control	ABB MPS 5
	Closed Loop System	
	Color Sequence	CMYK
Materials	Plates	Kodak-Polychrome Thermal News Gold
	Printing Blankets	Conti-Air Evolution TR
	Fountain Agent	Moderer Optima News
	Inks	Flint Group Euro Star
	Paper	Norske Skog Norsnes
	Paper Grammage	45 g/m ²

Tamedia AG, Switzerland

Tages-Anzeiger, Zürich

Tages-Anzeiger is the leading quality title in the region of Zurich and one of the leading newspapers in German-speaking Switzerland. The first edition was published on 2nd March 1893. Since then, it has developed progressively to become the market leader, with a well educated and professionally very successful readership.

The importance of Zurich as a business and cultural centre for Switzerland gives the Tages-Anzeiger a national character. Launched already with a long print run, the Swiss media research organisation (WEMF) statistics for 2009 list exactly 209,297 copies, whereas the MACH Basic study for 2009 shows 487,000 readers.



Evaluated Category

Coldset on Newsprint

Contact

Tages-Anzeiger
Zürich – Switzerland
Clemens Sieber
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Workflow	Circulation	250000
	Page format (mm)	320 x 470
	Editorial	Woodwing
	Ad-Booking	alfa Media Partner News Suite Enterprise
	General Workflow	AGFA Arkitek
Prepress	File Checking	OneVision Asura
	Image Handling	Adobe Photoshop
	Color Management	X-RITE ProfileMaker
	Ink Saver	AGFA OptiInk
	Proof Software	GMG Color Proof
	Proof Printer	Epson Stylus PRO 7900
	RIP	Arkitek Grafix RIP, Harlequin
Plates	Screen Technology	AM
	Screen Ruling	60 lines/cm
	CTP Imager	AGFA Polaris XTU-S
Print	Printing Press	KBA, Koenig & Bauer Commander
	Press Control	EAE
	Closed Loop System	
	Color Sequence	KCMY
Materials	Plates	AGFA NP 92v – NP
	Printing Blankets	Conti Steel 51
	Fountain Agent	Grimm Handels AG FWZ 900 Z09
	Inks	Stehlin Hostag Good News
	Paper	UPM News
Paper Grammage	45 g/m ²	

Asahi Printech Co., Ltd., Japan

The Asahi Shimbun, Tokyo

The Asahi Shimbun is arguably Japan's most trusted newspaper. It is known for its impartial coverage and unbiased reporting. The Asahi Shimbun was founded nearly 130 years ago and publishes a morning edition and evening editions each day. The Asahi Printech Co., Ltd., is a group company of The Asahi Shimbun. The company is a general printing company with 10 domestic printing plants in Japan. Each day, it prints 4.16 million copies of the morning edition and 1.7 million copies of the evening edition for The Asahi Shimbun. At each of 10 printing plants around the country, there is a 32-unit high-speed printing set, which enables the company to put out 40-page newspapers with 16 color pages. They can print in tabloid format as well as blanket print and "Panorama Wide" sizes, be it an eight-page advertising supplement or a three-page-wide spread.

In the newsprint industry, the stress is now more on high quality than high speed. The company developed and introduced FM screen technology for commercial printing in cooperation with The Asahi Shimbun ahead of others in the industry. FM screen printing for newspapers is different from that used in other commercial printing. It requires special technical know-how for use in printing newspapers. Backed by its experience, the company will offer the best quality in a way that fits facilities and materials provided by its clients.

The company has been pushing ahead with a plan to reduce carbon dioxide emissions from its facilities. It achieved a 6 percent reduction by 2009. To achieve this goal, all 10 of its printing plants obtained ISO 14001 certification. They are now ramping up efforts to make further emissions cuts.

At its Technical Center, the company conducts research and development in newspaper print technology, staff training and quality control. It also performs consulting services for other newspaper print companies. At its Printing Academy, the principles of printing are taught, from basic materials through to rotary press operation and quality control. The curriculum covers the diverse areas of newspaper printing and educates employees in the entire process. The academy will now open the door to students from outside the company who wish to attend these lectures. From autumn 2010, the company will also print some editions of rival newspapers, which has already become a hot topic in the industry.

Evaluated Category

Coldset on Newsprint

Contact

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Phone: +81-3-6278-5680
www.asahi-pt.co.jp



Workflow	Circulation	1800000
	Page format (mm)	385 x 513
	Editorial	IBM Japan Page Layout System
	Ad-Booking	Nihon Unisys Ad Image Mgm't System
	General Workflow	Nihon Unisys Production Control System
Prepress	File Checking	NEC Corporation PS-checker
	Image Handling	NEC Corporation ExpressRip
	Color Management	X-RITE ProfileMaker
	Ink Saver	NEC Corporation ExpressRip
	Proof Software	Fujifilm Graphic Systems PD System Pro
	Proof Printer	Hewlett-Packard Designjet 4000
	RIP	Harlequin Express Rip
Plates	Screen Technology	Kodak Japan Staccato36 (FM)
	Screen Ruling	85 lpi
	CTP Imager	NEC Engineering Amzi Setter
	Film Imager	
Print	Printing Press	TKS CT-6000
	Press Control	Hitachi
	Closed Loop System	
	Color Sequence	KCMY
Materials	Plates	Kodak Japan ExThermo TN-News
	Printing Blankets	Fujikura Rubber Ltd. FN-555
	Fountain Agent	Sakata Inx Corp. Eco Seven
	Inks	Toyo Ink Corp. Vantean Eco
	Paper	Oji paper Super Light Weight
	Paper Grammage	43.3 g/m ²

Booth Newspapers, USA

The Grand Rapids Press, Grand Rapids

The Grand Rapids Press traces its roots to 1890 when William J. Sproat founded the Press Publishing Company in Grand Rapids, Michigan, and issued The Morning Press, the city's first penny newspaper. The first issue was published on September 9, 1890 and was non-partisan in its politics. It was a daily paper that published Monday through Saturday. The Press Publishing Company purchased The Evening Leader and merged it with the Morning Press, publishing its first issue the day after Christmas 1892. In January 1893, the name was shortened to The Evening Press and later changed to The Grand Rapids Press. In 1914, the Booth Publishing Company was formed with The Grand Rapids Press and seven other Michigan papers. In 1958, Booth Newspapers purchased The Grand Rapids Herald and merged it in 1959 with The Grand Rapids Press to become the sole daily newspaper in Grand Rapids. The Press was then printed six days a week and didn't have a Sunday publication; the Sunday edition of the Herald continued as part of The Grand Rapids Press. S.I. Newhouse acquired Booth Newspapers Inc. on October 27, 1976. The Grand Rapids Press continues to print a daily paper seven days a week.

The Grand Rapids Press retired its aging Goss Mark II letter presses in 2004 and replaced it with manroland GEOMAN 75 offset press equipment. The press is located in a printing and packaging facility seven miles from a downtown office where the editorial, advertising, and circulation departments remain. The press consists of two single-out 2-5-5 jaw folders centered between eight four-over-four printing towers capable of printing 64 pages in full color. With 12 reel stands the press can produce a 96-page product on two presses in collect mode with 48 pages in full color. The pages are planned and assembled with software from PPI. The packaging department includes three 30:1 Muller Martini SLS 3000 inserters with which an average of 55 insert titles are put into the Sunday edition. The printing facility serves as a regional print facility for Booth Newspapers and prints the daily papers The Grand Rapids Press, Muskegon Chronicle, Kalamazoo Gazette, seven weeklies for Advance Newspapers, and the weekly Business Review, as well as commercial print jobs. The Grand Rapids Press is proud to continue its commitment to quality with its membership in the International Newspaper Color Quality Club, which began with the 2008-2010 competition.

Evaluated Category

Coldset on Newsprint

Contact

Booth Newspapers
 Aaron Phipps
 Assistant Production Manager
 Grand Rapids MI 49503 USA
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Workflow	Circulation	110000
	Page format (mm)	298 x 533
	Editorial	Harris BaseView
	Ad-Booking	Mactive
	General Workflow	PPI
Prepress	File Checking	
	Image Handling	AGFA Intellitune
	Color Management	
	Ink Saver	
	Proof Software	
	Proof Printer	
Plates	RIP	Harlequin
	Screen Technology	AN
	Screen Ruling	150 lpi
	CTP Imager	BasysPrint 57z
Print	Film Imager	
	Printing Press	manroland Geoman 75
	Press Control	manroland PECOM
	Closed Loop System	
	Color Sequence	CMYK
Materials	Plates	Konica Minolta Replica HUV2
	Printing Blankets	Day 8897
	Fountain Agent	Böttcher N-1004 GRG-S
	Inks	Central Ink
	Paper	AbitibiBowater
	Paper Grammage	45 g/m ²

Kasturi & Sons Ltd, India

The Hindu, MM Nagar, Thiruvananthapuram

THE HINDU, one of India's national dailies in the English language, is 131 years old and has a circulation of over 1.4 million copies. Apart from this morning English daily, the group, owned by Kasturi and Sons Limited, publishes a business daily "The Hindu Business Line," a current affairs fortnightly "Frontline," and a sports weekly "Sportstar." Kasturi & Sons Ltd. uses 14 print centres, 12 of them its own and the other 2 on contract. The company employs 3500 people.

Headquartered in Chennai, The Hindu has been a pioneer, with several firsts to its credit in both technology and other areas of newspaper publishing; for example, ROP color (1940), using aircraft for distribution (1963-1978), facsimile system for full page transmission (1969), photo-composing (1980), full-page integration of text and graphics in page make up and remote imaging (1993), online edition (1995), semi-commercial printing of the newspaper (1999), computer-to-plate (2004), on-line stitching and trimming of semi-commercially printed products (2007).

The Hindu group boasts of about 800 journalists, with nearly 600 of them working for The Hindu alone. It has a string of foreign correspondents from London to Beijing, who provide an Indian perspective to the developments there. The newspaper has a complicated structure of sub-regional editions. Together, there are over 40 separate versions of the newspaper every day, with changes in at least a couple of their pages. On an average, about 250 pages are produced every night.

The Hindu was launched in 1878 as part of India's freedom struggle and was taken over in 1905 by the family that now owns and runs the newspaper and the group. It has a longstanding reputation for authenticity and credibility



Evaluated Category

1. Coldset on Newsprint
2. Heatset on Newsprint

Contact

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Kasturi & Sons Ltd
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Workflow	Circulation	1400000
	Page format (mm)	330 x 530
	Editorial	CCI Newsgate
	Ad-Booking	TCS J2EE development for SAP
	General Workflow	CCI
Prepress	File Checking	OneVision Asura
	Image Handling	AGFA Intellitune, Photoshop
	Color Management	
	Ink Saver	
	Proof Software	
	Proof Printer	
	RIP	AGFA Arkitex Grapfix (Harlequin)
Plates	Screen Technology	AGFA Harlequin Precision Screening
	Screen Ruling	120 lpi
	CTP Imager	AGFA Polarix XTVi
	Film Imager	
Print	Printing Press	Mitsubishi Diamond Sprit
	Press Control	Mitsubishi Heavy Industries
	Closed Loop System	Nireco Calgraph 9000
	Color Sequence	KCMY
Materials	Plates	AGFA N91v
	Printing Blankets	Day + Kinyosha Metalback
	Fountain Agent	Self made
	Inks	Kasturi Estates Private Ltd
	Paper	Stora Enso Hylte
Paper Grammage	45 g/m ²	

The Shizuoka Shimbun, Japan

The Shizuoka Shimbun, Shizuoka

The Shizuoka Shimbun is one of the largest local daily newspapers in Japan, which has circulations of 695,000 copies for its morning edition and the same for its evening edition.

We print other entrusted papers of national-wide newspapers. We print in total about 1.5 million copies every day except Sunday, delivered in Shizuoka Prefecture. 98 percent of the copies are distributed to each home and shop, company, etc. by hand.

The Shizuoka Shimbun was one of the first daily newspapers in Japan to print in four colors. It was well known as an amazing trial when we had four-color photos in every day's paper during the Tokyo Olympics in 1964.

The Shizuoka Shimbun is a group company which has been working and co-operating with Shizuoka Broadcasting System (SBS), TV station and radio, and also its website business.

In our printing site, six units are used for our own papers using TKS CT-6000 4-hi tower units capable of printing 40-page broadsheet editions including 24 pages in full color.. Another pressline consists of six TKS 4-high tower units of 24-color pages in 48-page broadsheet edition for entrusted papers, and another press has three B-B units with satellite color for another paper.

The production members and press crews are always researching to increase efficiency and improve print quality. We believe that we must keep challenging to get better printing quality based on more than 40 years experience and technology for color printing of newspaper.



Evaluated Category

Coldset on Newsprint

Contact

The Shizuoka Shimbun
Teruo Fujita
Directing Bureau Chief
Printing & Distribution Division

Workflow	Circulation	1400000
	Page format (mm)	407 x 546
	Editorial	Fujitsu
	Ad-Booking	Fujitsu
	General Workflow	Fujitsu
Prepress	File Checking	Fujitsu
	Image Handling	Adobe Photoshop
	Color Management	Fujitsu
	Ink Saver	
	Proof Software	Sakata & Fujitsu
	Proof Printer	HP Designjet 1050C
RIP	NSG	
Plates	Screen Technology	Fujitsu AM
	Screen Ruling	100 lpi
	CTP Imager	Panasonic GX-9700
	Film Imager	
Print	Printing Press	TKS CT-6000
	Press Control	TKS T-NPC
	Closed Loop System	
	Color Sequence	KCMY
Materials	Plates	Fuji HN-NV
	Printing Blankets	Fujikura FIT News
	Fountain Agent	Toyo Ink News King Alky
	Inks	Sakata, Toyo, DIC, Nissin
	Paper	Nihon, Oji, Daio, Chupa
	Paper Grammage	43 g/m ²

Singapore Press Holdings Ltd, Singapore

The Straits Times, Singapore

Incorporated in 1984, main board-listed Singapore Press Holdings Ltd (SPH) is Southeast Asia's leading media organisation, engaging minds and enriching lives across multiple languages and platforms.

In Singapore, SPH publishes 17 newspaper titles in four languages. Every day, 3 million individuals or 79 per cent of people above 15 years old, read one of SPH's news publications. SPH also publishes and produces more than 100 magazine titles in Singapore and the region, covering a broad range of interests from lifestyle to information technology.

SPH owns 2 state of the art printing facilities in Singapore that deliver more than one million copies of SPH newspapers in quality print each day.

One of the facilities (Print Centre) is located in western Singapore, & houses 2 types of Presses. The Colorliner presses started operation at the Print Centre in 1997 and is capable of producing 32 broadsheet pages in full color and 20 spot color broadsheet pages with a maximum speed of 80,000 copies per hour and a cruising speed of 72,000 copies per hour in straight run mode. The KBA presses started operation at the Print Centre in 2003. Besides matching the capabilities of the Colorliner presses, the KBA Commander presses can print up to 112 broadsheet pages in full color.

The other printing facility (Media Centre) is located in central Singapore, & houses the World's longest manroland UNISSET press. The UNISSET began operations in 2008 and currently prints the smaller publications of SPH with some foreign publications. With a maximum speed of 75,000 copies per hour, it can print a maximum of 88 broadsheet pages in full color.

The Straits Times, the English flagship daily of SPH, has been serving readers for more than a century. Launched on July 15, 1845, its comprehensive coverage of world news, East Asian news, South-east Asian news, home news, sports news, financial news and lifestyle updates makes The Straits Times the most-read newspaper in Singapore. Quality news, in-depth analyses, impactful commentaries and breaking stories are packaged to give readers riveting accounts of events in Singapore, the region, and beyond. The Straits Times' key strength is in its world class coverage of news outside Singapore. With 13 bureaus in major cities around the world, The Straits Times correspondents bring world news to readers on a Singapore platter, helping them appreciate world events from a Singaporean perspective.

Evaluated Category

Coldset on Newsprint

Contact

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 Newspaper Services Division
 Singapore Press Holdings Limited
 SPH Print centre, Singapore 619088
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Workflow	Circulation	389000
	Page format (mm)	327 x 545
	Editorial	Atex Hermes
	Ad-Booking	Proprietary-SPH ITD AdNet Ad Booking
	General Workflow	AGFA Arkitex
Prepress	File Checking	OneVision Asura + Inhouse dev. WebET
	Image Handling	AGFA Intellitune, Photoshop
	Color Management	IFRA ISONewspaper264.icc profile
	Ink Saver	Adobe Photoshop
	Proof Software	Fuji Xerox Color Profile Maker Pro
	Proof Printer	Fuji Xerox DocuColor 1257 GA
	RIP	AGFA Harlequin RIPs
Plates	Screen Technology	AGFA Sublima
	Screen Ruling	145 lpi
	CTP Imager	
	Film Imager	AGFA Phoenix Imager
Print	Printing Press	KBA, Koenig & Bauer Commander
	Press Control	ABB MPS
	Closed Loop System	WPC Micro Trak CCR
	Color Sequence	CMYK
Materials	Plates	Fuji FNT-8
	Printing Blankets	Day International 8894/8897
	Fountain Agent	Flint Ink Uniset Fountain
	Inks	Flint Ink Low Mist Inks
	Paper	Stora Enso Hylte
	Paper Grammage	45 g/m ²

ABP Pvt Ltd, India

The Telegraph, Kolkata

The voice of a newspaper is the sound of a city's heart beat. Twenty-three years ago, a newspaper that could understand a city's heart beat was launched. The Telegraph dared to break the old rules and make new ones. It was the source of many "firsts" in India: First sectionalised newspaper; First modular designed newspaper; First to have pull-outs every day; First general interest daily with separate sections on sports & business; First with leisure section with crosswords and comics; First with a 32 page, color magazine on Sundays, free with newspaper; First to get IFRA INCQC elite club membership; First modern newspaper design; First to get SNAP certificate for printing quality.

What started in the 1920s as a voice of the subjugated people in the country's anti-colonial struggle, has morphed into one of the foremost media houses (ABP Pvt. Ltd.) reaching out to 23 million people every day; with 12 premier publications; two pioneering 24 x 7 TV news channels; and two leading publishing houses.

From one of the country's oldest and most-read newspapers, Anandabazar Patrika, to the youngest English daily The Telegraph.

ABP follows the minor-and-window approach "we look at the mirror and see ourselves as repositories of best practices and processes," reads the corporate purpose. Be it in technology, business practices or people. There are a number of "firsts" to the credit of the company as well. It was the first to mechanise non-Roman language fonts in linotype; the first to pioneer a Windows 95 programme in Bengali & Hindi; the first to develop modular layouts in the country. It pioneered the first large-scale readership survey in India, 10 years before the National Readership Survey came about. ABP was one of the first publishing houses to be computerised. It is one of the early adopters of latest technologies in the country: from introducing computer-to-plate facilities. SAP (for application integration), CRM models (to enhance channel efficiencies). Atex system (to streamline advertisement and production process), to that latest digital collection system (to archive contents of all its publications). While ABP attempts to redefine its role in the media industry – in keeping with its tradition as an innovator in the use of various media – it remains constant in its core and committed to the notion that people are people, with needs for community, information, entertainment and sharing all these with each other.

Evaluated Category

Coldset on Newsprint

Contact

ABP Pvt Ltd
Mr. Snehasis Chanda Roy
Associate Vice President-Technical
Kolkata 700 001, India
Mobile: +91 9748743385
E-mail: Snehasis.Roy@abp.in



Workflow	Circulation	375000
	Page format (mm)	350 x 533.5
	Editorial	Atex Prestige
	Ad-Booking	Atex Enterprize
	General Workflow	AGFA Arkitex
Prepress	File Checking	OneVision Asura
	Image Handling	Adobe Photoshop CS4
	Color Management	Binu cms
	Ink Saver	Binu cms
	Proof Software	Serendipity Black Magic
	Proof Printer	Epson Stylus PRO 9450
	RIP	Harlequin Express RIP Ver.8.0 rev.8
Plates	Screen Technology	AM Elliptical P
	Screen Ruling	100 lpi
	CTP Imager	Krause LS Jet 300
	Film Imager	
Print	Printing Press	WIFAG Offset 3705
	Press Control	ABB MPS
	Closed Loop System	ABB
	Color Sequence	CMYK
Materials	Plates	FUJI LP NNV
	Printing Blankets	Vulcan Royal Web SRS
	Fountain Agent	Böttcher IN-1004 G
	Inks	DIC Process Color
	Paper	ABITIBI SNP
	Paper Grammage	45 g/m ²

Bennett, Coleman & Co Ltd, India

The Times of India, Delhi, Mumbai, Bangalore

The company says its vision is "we are a global company with cosmic consciousness, served from India, aggregating to audiences to network media brands transiting through print."

The first edition appears on November 3, 1838 known as The Bombay Times and Journal of Commerce. The issue was published twice a week. Dr. J. E. Brennan, was the first editor and also secretary of the chamber of commerce. The newspaper experienced proprietary changes and in 1850 became a daily. In 1861, the editor Robert Knight amalgamated The Bombay Times, Bombay Standard and Bombay Telegraph & Courier to form The Times of India and gave it a national character. In 1880, The Times of India launched a weekly issue, which was later known as Illustrated Weekly of India.

In 1892, T. J. Bennett became the editor and entered into a partnership with F.M. Coleman to form a joint stock company – Bennett, Coleman & Co. Ltd. (BCCL). In 1907, the editor Stanley Reed revolutionised news production by extending the deadline to midnight. Until then, any news that came in after 5 pm was held over for the next day. In 1946, for the first time, the paper transferred to Indian ownership. Seth Ramakrishna Dalmia bought out Bennett, Coleman & Co. Ltd. for Rs. 2 crores. In 1948, Sahu Jain Group became the owners of the company. Shanti Prasad Jain was the first chairman of the group. Later TOI launched new products such as Economic Times, Maharashtra Times, etc. In 1991, the BBC featured Times of India among the world's six great newspapers. In 2000, BCCL Times of India marks 2 million in circulation. In 2001, TOI goes all color and storms Delhi by being "Number One."

The Times Group is now India's largest media & entertainment conglomerate. The Times Group is a leader in the publishing business and an emerging leader in internet, music, retailing, and multimedia as well as broadcast. The company says its brands maintain the leadership position in the marketplace by offering the best quality products and services to their consumers.

Evaluated Category

Coldset on Newsprint

Contact

The Times of India Press
Mr. Arvind Mallya
BANGALORE – KARNATAKA, India
Mr. Egbert Dias
Kandivli (East) – Mumbai, India
Ranjeet Mehta / Sudeep Bhattacharjee
Ghaziabad – Uttar Pradesh, India



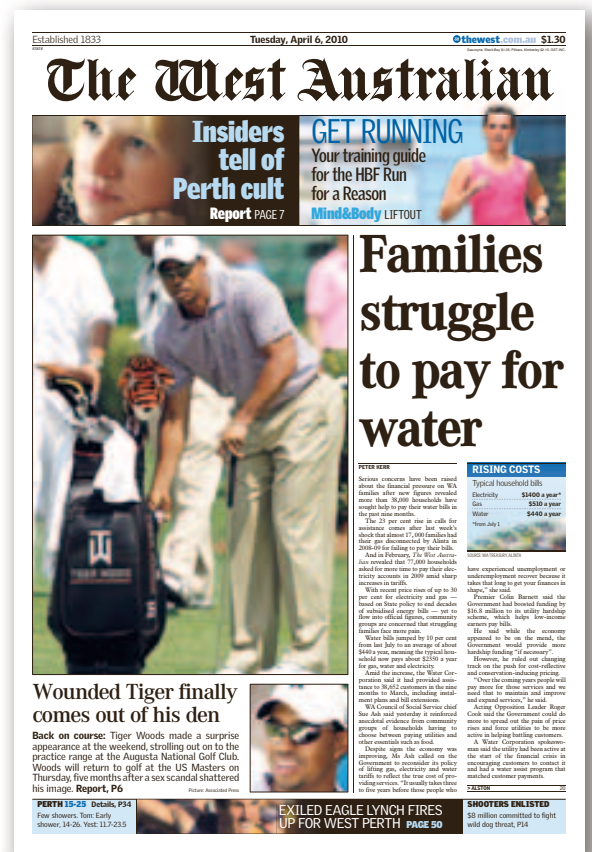
Workflow	Circulation	1825000 (total of 3 locations)
	Page format (mm)	349 x 546
	Editorial	Quark Xpress Ver. 4.1
	Ad-Booking	SAP R3
	General Workflow	Inhouse developed
Prepress	File Checking	OneVision Asura
	Image Handling	Adobe Photoshop CS3
	Color Management	Inhouse developed
	Ink Saver	
	Proof Software	ISI GRAPHICS STAR PROOF
	Proof Printer	Epson 9450
Plates	RIP	XITRON NAVIGATOR Ver 8.1r0
	Screen Technology	Harlequin AM
	Screen Ruling	100 lpi
	CTP Imager	Krause LSJET 300
Print	Film Imager	
	Printing Press	manroland Colorman, Regioman
	Press Control	manroland
	Closed Loop System	manroland
Materials	Color Sequence	KCMY
	Plates	Fuji LP-NNV
	Printing Blankets	TRELLEBORG ROLLIN GRAFFITI
	Fountain Agent	Flint VARN JOURNAL
	Inks	HUBER INDIA MICRO
	Paper	RUSSIAN Kondopoga
Paper Grammage	45 g/m ²	

West Australian Newspaper Ltd, Australia

The West Australian, Perth

Daily newspaper printing six editions per week and most of its inserts.

Newspaper currently has the largest distribution in the world covering over ten million kilometres per year. The only double width newspaper printing with FM screening on all products.



Evaluated Category

Coldset on Newsprint

Contact

Gary Owens
The West Australian
54 Hasler Rd Osborne Park
Perth WA 6017

Workflow	Circulation	250000
	Page format (mm)	278 x 432
	Editorial	CCI News Desk
	Ad-Booking	CCI Ad Desk
	General Workflow	AGFA Apogee
Prepress	File Checking	Quickcut Page Store
	Image Handling	AGFA Intellitune
	Color Management	X-RITE Intellitrax
	Ink Saver	AGFA OptiInk
	Proof Software	AGFA Apogee
	Proof Printer	Epson 9900
	RIP	AGFA Grafix Rip
Plates	Screen Technology	AGFA FM
	Screen Ruling	36 micron
	CTP Imager	Kodak Trendsetter
	Film Imager	
Print	Printing Press	KBA, Koenig & Bauer Colora
	Press Control	EAE
	Closed Loop System	
	Color Sequence	CMYK
Materials	Plates	Kodak Thermal News
	Printing Blankets	Day International 8897-4
	Fountain Agent	DS Chemport Acedin Web 1555 Q7
	Inks	Coates DIC
	Paper	Norske Skog Nornews
	Paper Grammage	45 g/m ²

Mediacorp Press Ltd, Singapore

Today, Singapore

TODAY is the flagship newspaper of MediaCorp Press which also publishes Weekend TODAY. MediaCorp Press is the newspaper arm of MediaCorp. MediaCorp is Singapore's leading media company with the most complete range of platforms, spanning television, radio, newspapers, magazines, movies and digital media. MediaCorp has over 50 products and brands in four languages (English, Mandarin, Malay and Tamil), including online classifieds, Internet TV-on-demand and High Definition TV broadcast. Winner of numerous international awards and accolades including Asia Television's Broadcaster of the Year, MediaCorp's vision is to become Asia's top media company, delivering valued content to the world.

COEs the next lightning rod?
Higher prices may be seen as cost of living issue, says GPC chairman

ASTATE OF EMERGENCY IN BANGKOK

I'VE GOT NOTHING TO HIDE
I'M READY FOR ANY SCRUTINY, SAYS KENNETH JEYARETNAM

A STEEP CLIMB
Yesterday's bidding exercise saw increases in COE prices across all five categories

CATEGORY	COE PRICE	INCREASE
A (CARs)	\$14,901	\$5,613 ▲
B (CARs)	\$45,921	\$9,414 ▲
C (GOODS)	\$15,411	\$3,620 ▲
D (MOTORCYCLES)	\$1,221	\$21 ▲
E (DPFM)	\$49,000	\$5,999 ▲

Evaluated Category

Coldset on Newsprint

Contact

Joni Ng
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Email: joni.ng@mediacorp.com.sg

Workflow	Circulation	300000
	Page format (mm)	287 x 355
	Editorial	Atex Prestige 5.0
Prepress	Ad-Booking	Atex Enterprise
	General Workflow	Newsday
	File Checking	Quiccutt / Enfocus
Plates	Image Handling	GMG ColorServer
	Color Management	
	Ink Saver	Pro Image OnColor ECO
	Proof Software	GMG Proof
	Proof Printer	Epson 4400
Print	RIP	Harlequin Newsday
	Screen Technology	AM
	Screen Ruling	100 lpi
	CTP Imager	Kodak Trendsetternews
Materials	Film Imager	
	Printing Press	KBA, Koenig & Bauer Comet
	Press Control	EAE
	Closed Loop System	QTI
Materials	Color Sequence	CMYK
	Plates	Kodak Thermal News Gold
	Printing Blankets	Day International
	Fountain Agent	Fuji Hunt 1388
	Inks	Toyochem (K), DIC (CMY)
	Paper	Marathon
	Paper Grammage	45 g/m ²

Utusan Melayu (Malaysia) Bhd, Malaysia

Utusan Malaysia, Sri Utusan Bangi

Since its establishment in 1938, Utusan Melayu (Malaysia) Berhad has progressed and consolidated itself into a multiple-media conglomerate known as Kumpulan Utusan or Utusan Group in Malaysia.

Today, the Group's diverse expansion is still synergistic with its traditional core activities. With over 10 companies under its wings, the Utusan Group is engaged in four major business concerns, namely publishing, printing, advertising and online services.

The Group's flagships broadsheet newspapers, Utusan Malaysia (daily) and Mingguana Malaysia (weekly), are the only Malay-language broadsheet newspapers in Malaysia, and the tabloid-size newspapers, Kosmo! (daily) and Kosmo!Ahad (weekly), have shown a rapid growth in circulation since its introduction in 2004.

Utusan operates its printing activities from four printing plants in Peninsular Malaysia with Sri Utusan Bangi being the largest printing complex to cover the Central region with more than 55 percent of total circulation, followed by Seberang Jaya plant for the Northern region, Gong Badak plant for the East Coast and Tebrau plant for the Southern region.

Utusan Malaysia is being produced in six editions each day with press starts at 1.00 am daily.



Evaluated Category

Coldset on Newsprint

Contact

Farouq Affandi bin Mamat
 Production and Maintenance Manager
 Utusan Melayu (Malaysia) Berhad
 43650 Bandar Baru Bangi, MALAYSIA
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 E-mail: farouq.mamat@utusan.com.my
 www.utusangroup.com.my

Workflow	Circulation	180000
	Page format (mm)	356 x 578
	Editorial	Tera Digital Publishing GN3 Ted and Fred
	Ad-Booking	Atex Genera AMS
	General Workflow	AGFA Arkitek
Prepress	File Checking	Quickcut Quickprint
	Image Handling	Fotoware Color Factory; Fotostation
	Color Management	Binuscan IPM Workflow
	Ink Saver	AGFA OptiInk Ver. 1
	Proof Software	EFI ColorProof XF 3.1
	Proof Printer	Epson Stylus Pro 9500
	RIP	AGFA GRAFIXrip ver.7
Plates	Screen Technology	AGFA Sublima XM
	Screen Ruling	141 lpi
	CTP Imager	AGFA Polaris XCV
	Film Imager	
Print	Printing Press	manroland Geoman
	Press Control	manroland PECOM
	Closed Loop System	Quadtech Multicam Register Guidance
	Color Sequence	CMYK
Materials	Plates	AGFA N91V
	Printing Blankets	Conti Tech Conti Air Evolution TR
	Fountain Agent	Böttcher Fount N-1004
	Inks	DIC, Toyo Chem
	Paper	Stora Enso Newspress
	Paper Grammage	45 g/m ²

V-TAB AB, Sweden

VLT, Västerås

V-TAB is the largest printing group in the Nordic countries with operations at 14 locations around Sweden. We print everything from daily newspapers, periodicals, direct advertising, and exclusive magazines to signs and banners. V-TAB is part of the Stampen Group which is a rapidly growing media group and Sweden's largest newspaper owner.

V-TAB's size is in many ways a strength – our plants can handle assignments that require great capacity and our geographical spread enables us to meet our customers' needs.

The newspaper VLT is printed at our plant in Västerås, which is a modern printing plant for flexible production of newspapers and printed matter. We print daily newspapers through the night and periodicals such as SKTF, Lantbruk and ATL during the day. Our machinery includes two printing presses with four outputs; each one with its own special qualities. Our flexible post press department enables us to provide all types of finishing work.

In Västerås, just as in all our other facilities, quality is an important factor for success and we constantly strive to improve our standards and have received ISO 9001 and ISO 14001 certification. Västerås also became Swedish Champion in Print 2009. Furthermore all of our facilities are Nordic Ecolabelled, which means that our printing plants take particularly good care of the environment, for example through making optimum use of resources such as ink and paper and eliminating polluting and hazardous chemicals from our production.

V-TAB has grown in the last years, widened its offering and developed new additional services for customers. V-TAB has undergone a journey from being a newspaper printing house to becoming the largest newspaper group in the Nordic countries. We are now able to offer customers more opportunities and to bring together knowledge from all of our facilities into one single company. We have done this because we want to be a collaboration partner and a full line supplier for print, offering our customers one point of contact for all their print needs. Our journey has only just begun.

Evaluated Category

Coldset on Newsprint

Contact

V-TAB
Exportgatan 2-4
422 46 Hisingsbacka
Gothenburg, Sweden
www.v-tab.se



Workflow	Circulation	45000
	Page format (mm)	280 x 395
	Editorial	SaxoTech Saxopress
	Ad-Booking	
	General Workflow	Dalim Twist, Mistral
Prepress	File Checking	Dalim Twist, Mistral
	Image Handling	Color Factory Photostation
	Color Management	
	Ink Saver	Binuscan cmS Server
	Proof Software	
	Proof Printer	
Plates	RIP	AGFA Grafix 8r6
	Screen Technology	AGFA Sublima
	Screen Ruling	150 lpi
	CTP Imager	AGFA Advantage 380DL
Print	Film Imager	
	Printing Press	KBA, Koenig & Bauer Comet
	Press Control	EAE OPC
	Closed Loop System	
	Color Sequence	CMYK
Materials	Plates	AGFA N92
	Printing Blankets	Day International 8395 newsprint
	Fountain Agent	Sun Chemical Web fount 1060
	Inks	Sun Chemical Polar Advantage
	Paper	Stora Enso Newsprint
	Paper Grammage	45 g/m ²

Nieuwsdruk Limburg BV, Netherlands

WeekendGezet, Heerlen

Nieuwsdruk Limburg is the printing plant of Limburg Media Group (LMG), which is part of Mecom Group plc. Since June 2006.

Limburg Media Group is the result of merger in 2001 of two Limburg newspapers: Dagblad De Limburger and Limburgs Dagblad.

Limburg Media Group and Nieuwsdruk Limburg are situated in Limburg, a province in the south of the Netherlands. This province is situated in the heart of the Euregion Meuse-Rhine, the only part of the Netherlands where three countries "meet".

Excellent infrastructure makes sure that Limburg can be easily accessed and that cities like Brussels, Düsseldorf, Frankfurt and Eindhoven are never far away. Thus Limburg is situated right in the economic heart of Europe.

Nieuwsdruk Limburg not only prints Dagblad De Limburger and Limburgs Dagblad (with a total reach of 500,000) but also prints various other regional, national and even international titles.

Every week a total of 4,000,000 newspapers and related products are printed on the MAN Geoman printing press (9 full color towers, 3 folding machines).

One of the Limburg Media Group-titles is WeekendGezet, a weekly freesheet (tabloid) with a circulation of 300,000 in 3 editions.

WeekendGezet is a full color, crisp, magazine-like mix of editorial and advertorial content that focusses on culture, lifestyle, living, gardening, beauty, personal care and more. Important within the philosophy of WeekendGezet is the possibility for their customers in which way completion of the advertorial content is placed.



Evaluated Category

Coldset on Newsprint

Contact

Nieuwsdruk Limburg BV
6411 RS Heerlen (Netherlands)
Phone: +3145 400 1600
E-mail: info@lmg-print.nl
www.nieuwsdruklimburg.com

Workflow	Circulation	3866000
	Page format (mm)	285 x 410
	Editorial	Adobe InDesign CS4
	Ad-Booking	Enterprise Atex
	General Workflow	AGFA Arkitex, Elara, Solidam
Prepress	File Checking	Enfocus Pitstop Server
	Image Handling	Adobe Photoshop CS4
	Color Management	Adobe CS4
	Ink Saver	
	Proof Software	AGFA GrafixProof 1.0.4
	Proof Printer	AGFA Sherpa -44m
	RIP	AGFA GrafixRip
Plates	Screen Technology	AGFA AM/Sublima
	Screen Ruling	100 lpi
	CTP Imager	AGFA Polaris XTvi / Advantage CL
	Film Imager	
Print	Printing Press	manroland Geoman
	Press Control	manroland Pecom 2000 PPM
	Closed Loop System	
	Color Sequence	CMYK
Materials	Plates	AGFA N 91 V
	Printing Blankets	Trelleborg Reeves 202
	Fountain Agent	Fuji Q7 Neutral
	Inks	Siegwerk Generas
	Paper	Newsshade Standard
	Paper Grammage	45 g/m ²

West Australian Newspaper Ltd, Australia

West Weekend Magazine, Perth

Daily newspaper printing six editions per week and most of its inserts.

Newspaper currently has the largest distribution in the world covering over ten million kilometres per year. The only double width newspaper printing with FM screening on all products.



Evaluated Category

Heatset on Newsprint

Contact

Gary Owens
The West Australian
54 Hasler Rd Osborne Park
Perth WA 6017

Workflow	Circulation	400000
	Page format (mm)	255 x 320
	Editorial	CCI News Desk
	Ad-Booking	CCI Ad Desk
	General Workflow	AGFA Apogee
Prepress	File Checking	Quickcut Page Store
	Image Handling	AGFA Intellitune
	Color Management	X-RITE Intellitrac
	Ink Saver	AGFA OptiInk
	Proof Software	AGFA Apogee
	Proof Printer	Epson 9900
	RIP	AGFA Grafix Rip
Plates	Screen Technology	AGFA FM
	Screen Ruling	36 micron
	CTP Imager	Kodak Trendsetter
	Film Imager	
Print	Printing Press	KBA, Koenig & Bauer Comet
	Press Control	EAE
	Closed Loop System	
	Color Sequence	YMCK
Materials	Plates	Kodak Thermal News
	Printing Blankets	Day International 3397-4
	Fountain Agent	DS Chemport Acedin Web 1555 Q7
	Inks	DIC Coates Universal
	Paper	Norske Skog NorNews 55
Paper Grammage	55 g/m ²	

Rheinisch-Bergische Druckerei GmbH & Co. KG, Germany

Westdeutsche Zeitung

The Westdeutsche Zeitung has been published by the W. Girardet publishing house, the communication company with the richest tradition in the Wuppertal, Krefeld, Düsseldorf and Mönchengladbach region, for over 120 years in Wuppertal and 130 years in Düsseldorf and Krefeld.

W. Girardet KG also maintains many holdings, such as "Düsseldorf Express" and "Panorama Anzeigenblätter", various service companies and regional radio stations at the locations. Circulation of Westdeutsche Zeitung (WZ) stretches across the heart of the North-Rhine/Westphalia region – from Wuppertal, through Düsseldorf and Krefeld, all the way to the border with the Netherlands. Approximately 3.2 million people live within its circulation area. The WZ has a unique position in Wuppertal. In Krefeld it is by far the most subscribed newspaper with a 70 % market share, and is the second most subscribed in Düsseldorf.

With 260,000 readers every day (2009), WZ ranks among the major regional subscription newspapers in Germany. Its strength lies in its local and regional focus.

Publisher of the WZ newspaper: Dr. Michael Girardet
 CEO: Hans-Georg Roth
 Director of publishing company: Michael Rausch



Evaluated Category

Coldset on Newsprint

Contact

Uwe Dresel, Technische Leitung
 Rheinisch-Bergische Druckerei GmbH & Co. KG
 42115 Wuppertal, Germany
 Phone: +49 202 717 2404
 E-mail: uwe.dresel@rbd-wuppertal.de
 www.wz-newsline.de

Workflow	Circulation	260000
	Page format (mm)	282 x 430
	Editorial	alfa Media Partner News Suite
	Ad-Booking	PPI + SAP AdMan + IS/MAM
	General Workflow	
Prepress	File Checking	OneVision Asura
	Image Handling	AGFA Intellitune
	Color Management	EFI Colorproof XF
	Ink Saver	
	Proof Software	EFI Colorproof XF
	Proof Printer	HP Designjet 1050 c plus
	RIP	Harlequin V. 7
Plates	Screen Technology	AM
	Screen Ruling	52 L/CM – 1270 dpi
	CTP Imager	AGFA Polaris XEV 200
	Film Imager	
Print	Printing Press	WIFAG OF 470 GTD
	Press Control	ABB MPS-Production
	Closed Loop System	
	Color Sequence	CMYK
Materials	Plates	AGFA N 92 V
	Printing Blankets	Böttcher MC 35
	Fountain Agent	AD Offset Supplies Good News Found
	Inks	Siegwerk Intensas
	Paper	UPM New C
	Paper Grammage	45 g/m ²

Aschendorff Druck und Dienstleistungen GmbH & Co. KG, Germany

Westfälische Nachrichten, Münster

Westfälische Nachrichten is the leading media brand in Münster and the Münsterland region. It distributes editorial contents and advertising information via print, online and mobile. Its core activity is the newspaper, which has a daily sold circulation of about 250,000 copies.

The publisher of the Westfälische Nachrichten is the Aschendorff group of companies in Münster (www.aschendorff.de), a family-owned and managed business with a 290-year tradition. For nine generations, Aschendorff has published books and magazines, produced a wide range of different print objects and satisfied the most exacting customer wishes. Besides its activities as a newspaper and book publisher, a services divisions, free newspaper and various advertising freesheets as well as its own Internet service provider and participations in local radio stations complete the company's portfolio. Aschendorff has 600 personnel working at various locations in the region. Company headquarters is in the media house built in 1984.

The Aschendorff printing centre produces not only the Westfälische Nachrichten but also the titles of the seven partner publishing houses in the Münsterland newspaper group (ZGM) as well as numerous customer jobs. The area of distribution extends from the German-Dutch border in the west to the border of the German Federal State of Lower Saxony in the north and from East Westphalia to the northern part of the Ruhr region in the south. The regional orientation is reflected by the total number of 26 local editions.

The prepress operation at Aschendorff printing centre is based on a digital PDF/X workflow. A GMG solution provides media wedge color-true Epson digital proofs. Three Agfa Advantage CLS imagers and one Krause LS Jet 350 guarantee daily plate needs. The printing house was equipped with a new Wifag press and Ferag mailroom solution in 2001. The Wifag OF 470 GTD PCU+ consists of three shaftless-drive printing lines, each equipped with two, four-high towers for 16 pages each in the Rhinish format. Ferag initially installed three mailroom lines that include, among other features, DiscPool, MultiSert drum systems with up to eight inserting possibilities, ink-jet addressing, packing lines with bundle production and online top sheet printer. A fourth Ferag mailroom line was added in 2009.

Evaluated Category

Coldset on Newsprint

Contact

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Dipl.-Ing. Thomas Wenge
Technischer Betriebsleiter
48163 Münster, Germany
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E-mail: thomas.wenge@aschendorff.de



Workflow	Circulation	250000
	Page format (mm)	350 x 510
	Editorial	Eidos Methode
	Ad-Booking	Lufthansa Systems Vi&Va
	General Workflow	PPI
Prepress	File Checking	OneVision Asura
	Image Handling	OneVision Amendo
	Color Management	
	Ink Saver	OneVision Ink save
	Proof Software	GMG
	Proof Printer	Epson 9600
Plates	RIP	Harlequin
	Screen Technology	AM
	Screen Ruling	122 lpi
	CTP Imager	AGFA Advantage, Krause LS Jet 350
Print	Film Imager	
	Printing Press	WIFAG OF 470 GTD PCU
	Press Control	ABB MPS
	Closed Loop System	
Materials	Color Sequence	CMKY
	Plates	AGFA LAP V
	Printing Blankets	Kinyo MC 610
	Fountain Agent	Twetrell LTD Good News Found
	Inks	Hostmann-Steinberg Good News
	Paper	Holmen News
Paper Grammage	45 g/m ²	

Wetzlardruck GmbH, Germany

Wetzlarer Neue Zeitung

Wetzlardruck is the biggest newspaper publishing house in the region of central Hessen. The Lahn-Dill newspaper group, via its nine local editions, provides more than 200,000 readers daily with information. The area of distribution extends from Wetzlar to Haiger and from Marburg to Limburg. It covers the three districts of Limburg-Weilburg, Lahn-Dill and Marburg-Biedenkopf. Reports from the areas of Gießen and Siegen are also included. Some 300 employees work in the newspaper publishing house and in the printing plant built on a 25,000 square metres site. The "Wetzlarer Neue Zeitung" (WNZ) is the main title of the Lahn-Dill newspaper group. Its circulation is about 25,000 copies.

In addition to its own nine titles, Wetzlardruck prints three titles of the Dillenburg Verlagshaus Weidenbach: "Dill-Zeitung", "Herborner Echo" and "Haigerer Kurier". The 12 daily newspaper editions are produced seven days a week. Also published are the "LDA-Lahn-Dill-Anzeiger" freesheet as well as the supplement for the Sunday newspaper "Der gute Sonntag" once weekly.

Some 100 skilled personnel work in the IT, application management, prepress, CTP, printing and mailroom departments.

The publishing house has an Internet presence under www.mittelhessen.de



Evaluated Category

Coldset on Newsprint

Contact

Wetzlardruck GmbH
 Head-Production
 Dipl.-Ing. Rainer Homann
 35578 Wetzlar, Germany
 Phone: +49 6441 959-0

Workflow	Circulation	76500
	Page format (mm)	355 x 520
	Editorial	Multicom NGen
	Ad-Booking	Compass Advantage
	General Workflow	Multicom Pilot, ppi Printnet
Prepress	File Checking	OneVision Asura + Solvoro
	Image Handling	Adobe; Fotoware Photoshop
	Color Management	
	Ink Saver	
	Proof Software	
	Proof Printer	
	RIP	Highwater Torrent
Plates	Screen Technology	AM
	Screen Ruling	100 lpi
	CTP Imager	Kodak Newssetter TH 180
	Film Imager	
Print	Printing Press	KBA, Koenig & Bauer Express
	Press Control	ABB MPS
	Closed Loop System	
	Color Sequence	CMYK
Materials	Plates	Kodak, Fuji Thermal News Gold, LH-NN2
	Printing Blankets	Birkan Headliner
	Fountain Agent	Schwegmann Schwegosoft 2000 NEM
	Inks	Huber
	Paper	UPM, Stora Enso
Paper Grammage	45 g/m ²	

Brune-Mettcker Druck- und Verlags-GmbH, Germany

Wilhelmshavener Zeitung, Wilhelmshaven

Newspaper founded in 1874. Company founded in 1907, Number of employees 150. Main title is Wilhelmshavener Zeitung. Subtitles are Wilhelmshavener Tageblatt, Rundschau für Wilhelmshaven and Friesland and Wilhelmshavener Presse. We are an independent, non-affiliated local newspaper in the area of Wilhelmshaven and nearby communities in Northern Friesland.

6 weekly editions, page count Monday to Friday between 24 and 32; Saturday: between 64 and 72, mostly four-color content

We are a medium-sized publishing company that, besides Wilhelmshavener Zeitung also publishes two additional daily newspaper in the Wilhelmshavener newspaper group. Total print run is 49,912 copies. In addition to the daily newspaper, three weekly titles are published that appear either mid-week or at the weekend, with a total print run of about 210,000 copies. In addition, on two Koenig & Bauer rotary presses (Koebau Express 60 and KBA Commander equipped with 10-cylinder satellite technology) a number of regular contract jobs are printed for customers that are active nationwide. The company covers the entire range of prepress tasks as well as lithographic jobs in the reproduction area for planographic printing that the company also does. In this area, besides periodic publications, all types of printed matter are produced, from business cards to posters, up to and including high-quality scientific books.

Printing plant: In 2002, commissioning of a new Koenig & Bauer Commander press: two full satellites; 32 pages, 4/4; 48 pages, 4/2 with color presetting.

Reproduction: In 2004 upgrading entire hardware and software for image processing. Exclusive use of calibratable monitors and introduction of color quality management to ensure consistent high-quality color in standardised production processes. Photosetting (newspaper and commercial production): Newspapers and high-quality commercial jobs are produced with the following software:

editorial system: EidosMedia Methode, advertising system: Alfa PageOne (Windows-PC), CS4 (Macintosh + PC), Adobe Freehand, QuarkXpress. Quality control: One Vision (Asura and Solvero), Imager: Krause LS Performance 120.

Evaluated Category

Coldset on Newsprint

Contact

Brune-Mettcker Druck und Verlags-GmbH
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Publisher: Dipl.-Volkswirt Manfred Adrian
Business Manager: Dr. Stephan Kolschen
Printing Manager: Karl-Heinz Röder



Workflow	Circulation	26150
	Page format (mm)	315 x 470
	Editorial	Unisys Hermes
	Ad-Booking	Alpha AP + 2.0
	General Workflow	AGFA ApogeeX
Prepress	File Checking	OneVision Asura
	Image Handling	Adobe Photoshop CS4
	Color Management	ICC Colormangement
	Ink Saver	
	Proof Software	
Print	Proof Printer	Epson Sherpa 44 m
	RIP	AGFA Adobe Rip
	Screen Technology	AGFA AM
	Screen Ruling	120 lpi
	CTP Imager	Krause LS Performance 120
Materials	Film Imager	
	Printing Press	KBA, Koenig & Bauer KBA Commander
	Press Control	SPS EAE und KBA
	Closed Loop System	
	Color Sequence	CMKY
Materials	Plates	Kodak Violet News
	Printing Blankets	Dortschy Graffity
	Fountain Agent	Hostmann-Steinberg Hydrofix
	Inks	Hostmann-Steinberg Good News
	Paper	UPM/GUSCO UPM News/Volgapress
Paper Grammage	42.5 to 52 g/m ²	

Feza Gazetecilik AS, Turkey

ZAMAN, Istanbul

Established in 1986 along with its parent company Feza publications Inc., Zaman (translated "time") has in a short time become the most widely read and respected conservative newspaper in Turkey, with a daily circulation of nearly 900,000. In 25 short years, Zaman has become a trademark with branch offices around the globe, supporting international editions in Australia, Azerbaijan, Bulgaria, Germany, Romania, Kazakhstan, Kirghizstan, Macedonia, Turkmenistan, and the United States. Special international editions are printed in the languages of the countries where they are published. News bureaus and representatives support the headquarters in Ashgabat, Baku, Brussels, Bucharest, Frankfurt, Jerusalem, Moscow, New York and Washington DC.

As an independent daily newspaper, Zaman is acknowledged of its serious, fair and balanced reporting. Zaman has signed off on important successes in the field of design, winning a total 103 awards in the past eight years in a row of the world-famous Society for News Design (SND) competition. In 2008 in particular, Zaman became the fourth newspaper in the world earning the most awards

Zaman has 5 modern printing facilities around the country and they are located in İstanbul, Ankara, İzmir, Adana and Trabzon cities. Zaman is primarily sold by subscription method that it covers 90 % of its total circulation.

In addition to the Zaman daily, Zaman Media Group owns a leading weekly news magazine, Aksiyon (Action) a news agency, Cihan, and an English daily newspaper, Today's Zaman.



Evaluated Category

Coldset on Newsprint

Contact

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Workflow	Circulation	950000
	Page format (mm)	760 x 560
	Editorial	Adobe InDesign
	Ad-Booking	
	General Workflow	
Prepress	File Checking	
	Image Handling	Adobe Photoshop
	Color Management	
	Ink Saver	Kodak Ink Save
	Proof Software	GMG Dotproof
	Proof Printer	
Plates	RIP	Kodak Prinergy Evo
	Screen Technology	AM/FM Staccato
	Screen Ruling	100 lpi
	CTP Imager	Kodak Generation News Z
Print	Film Imager	
	Printing Press	KBA, Koenig & Bauer COMET
	Press Control	EAE
	Closed Loop System	
	Color Sequence	CMYK
Materials	Plates	Kodak Thermal News Gold
	Printing Blankets	Day 8395
	Fountain Agent	Vegra Violet E
	Inks	Sun Chemical Polar Advantage
	Paper	Stora Enso Newspress
Paper Grammage	45 + 48.8 g/m ²	

Zofinger Tagblatt AG, Switzerland

Zofinger Tagblatt, Zofingen

Zofinger Tagblatt was published for the first time on 1 February 1873 and today continues to be the leading newspaper in the region. The former letterpress printshop is now a modern media operation with some 200 employees. Every day newspapers and magazines of regional and national importance are produced there. The company is also a leading producer of customer print objects. In addition, it offers a range of Internet services and acts as a joint operator of a local radio and regional TV station. In the last five years, the company has invested heavily in a new Man Cromoman newspaper press and a new administrative building. It has fully achieved its objective of creating optimal corporate and production structures in order to ensure the company's survival in the highly competitive market of the future.

Evaluated Category

Coldset on Newsprint

Contact

Zofinger Tagblatt AG
Zofingen, Switzerland
Martin Vogel, Head-Production
Cedric Stindt, Head-Printing

Workflow	Circulation	15200
	Page format (mm)	315 x 470
	Editorial	Funkinform Dialog
	Ad-Booking	Verlagsmanager
	General Workflow	AGFA Apogee
Prepress	File Checking	OneVision Asura
	Image Handling	AGFA Intellitune
	Color Management	IFRA ISONewspaper264.icc profile
	Ink Saver	OneVision InkSave 180 %
	Proof Software	Softproof
	Proof Printer	Softproof
	RIP	Adobe Apogee PDF Original
Plates	Screen Technology	AM
	Screen Ruling	48 lines/cm
	CTP Imager	Lüscher XPose 230
	Film Imager	
Print	Printing Press	manroland Cromoman 50 (70)
	Press Control	manroland PECOM
	Closed Loop System	
	Color Sequence	CMYK
Materials	Plates	AGFA Aluva-N
	Printing Blankets	Conti Dot Star 1001
	Fountain Agent	Hausleitner HD 399
	Inks	Amra (K), Sun (CMY)
	Paper	Utzenstorf alpnews
Paper Grammage	45 g/m2	



TRAINING

Besser als Doping

... ist solides Training.

Auf lange Sicht zahlt sich beständige Leistung auf hohem Niveau aus. Das gilt auch für die Erzielung optimaler Druckergebnisse. Lösen Sie sich aus dem Mittelfeld und schließen Sie in die Spitzengruppe auf. Mit der richtigen Vorbereitung und dem Willen zum Erfolg schaffen auch Sie die Aufnahme ins Color Quality-Team!

Gut vorbereitet ins Rennen

Spezielle Tutorial-Veranstaltungen bei WAN-IFRA vermitteln praxisnah und kompakt alle Kenntnisse, die Sie für die Umsetzung des Prozessstandards ISO 12647-3 benötigen. So werden Sie fit für den kommenden International Newspaper Color Quality Club-Wettbewerb – dem weltweiten Maßstab für Zeitungsdruckqualität.

www.colorqualityclub.org
www.wan-ifra.org/academy