

NOVEMBER 2024

International Color Quality Club

2022-2024

Presenting the best quality printed newspaper based on ISO 12647-3

STAR
CLUB



World Association
of News Publishers



**World Association
of News Publishers**

**WAN-IFRA
International Color Quality Club 2022–2024**

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Foreword

The International Color Quality Club (ICQC) recognises the best quality printed publications in the world. Ever since the start of the colour quality contest in 1994, the club members have demonstrated and proved the print quality in accordance with the International Organization for Standards (ISO 12647-3 & ISO 2846-2) and WAN-IFRA standards.

The quality evaluation is composed of two parts – an evaluation based on objective measurements made on a print test element (WAN-IFRA "Cuboid"); and a visual inspection of the general print quality by a jury of international newspaper experts. Participating companies had to meet the defined quality criteria and print without defects.

WAN-IFRA is pleased to present the members of the 15th edition of ICQC. The ICQC 2022-2024 edition features a total of 40 publications from nine countries that have qualified for the colour quality membership.

New stars on the rise:

The Millennium Club was introduced in the last edition of the ICQC. Entry to the club is awarded for a publication with 10 or more stars, which equals to securing colour quality membership for 10 times.

This edition of the ICQC brings two new entrants to the club in addition to the existing five. The two new Millennium Club members are at Heilbronn, Germany-based "**Heilbronner Stimme**" published by Heilbronner Stimme GmbH & Co. KG, and Graz, Austria-based "**Kleine Zeitung**" from Druck Styria GmbH & Co KG.

Publications that gain 5 stars in a lifetime by securing colour quality membership or ISO 12647-certification enter the Star Club. At present, the club has sixty nine star club members who achieved 5 or more stars in their life time and this edition of color quality club brings seven new new "Star Club" members. Three titles of **The Times of India** published by Bennett Coleman & Co Ltd, printed from Navi Mumbai, Chennai, and Hyderabad (India); **Het Nieuwsblad** by Printing Partners Paal-Beringen from Graz (Belgium); two titles of **Mathrubhumi** by The Mathrubhumi Printing & Publishing Co. Ltd. from Thrissur and Trivandrum (India); and **Sabah** by Turkuvaz Haberlesme ve Yayıncılık A.S from Istanbul (Turkey) are the new star club members.

Making in a right way

Despite the challenges in getting the right quality materials such as newsprint, news ink, plate, blanker and other consumables, publications have pushed themselves to the edge to participate and meet deadlines.

We were able to manage the timeline with greater support from the participants.

We congratulate all the winners and look forward to seeing you in sequel editions of the ICQC.

Ingi Olafsson
Director - World Printers Forum
W A N - I F R A

Prabhu Natrajan
Research Engineer
W A N - I F R A

The Winners

Company	Publication title(s)	Printing site(s)	Country	Page
ABP Pvt Ltd	Anandabazar Patrika, The Telegraph	Barasat (Kolkata)	India	06
Bennett, Coleman & Co Ltd	The Times of India	Ahmedabad Baroda Bengaluru Chennai Ghaziabad Haryana Hyderabad Kolkata Lucknow Mumbai Nagpur Navi Mumbai Pune Trivandrum	India	08
British Industries Printing & Packaging Co	Al Rai Al Jarida	Kuwait	Kuwait	22
DELO d.o.o.	Delo	Ljubljana	Slovenia	24
Druck Carinthia GmbH & Co KG	Kleine ZeitunG	Graz	Austria	25
Druck Styria GmbH & Co KG	Kleine Zeitung	Graz	Austria	26
Druckerei Konstanz GmbH	Suedkurier	Konstanz	Germany	27
Frankfurter Allgemeine Zeitung	Frankfurter Allgemeine Zeitung	Potsdam	Germany	28
Heilbronner Stimme GmbH & Co.KG	Heilbronner Stimzme	Heilbronn	Germany	29
Jagran Prakashan Ltd	Dainik Jagran	Kanpur	India	30
Presse-Druck- und Verlags- GmbH	Augsburger Allgemeine Zeitung	Augsburg	Germany	31
Printing Partners Paal-Beringen	Het Nieuwsblad	Paal-Beringen	Belgium	32
Sakal Media Pvt. Ltd.	Sakal	Kolhapur Pune	India	33
The Mathrubhumi Printing& Publishing Co. Ltd.	The Mathrubhumi	Calicut Kannur Kochi Palakkad Trichur Trivandrum	India	35
THG Publishing Pvt. Ltd.	The Hindu	Bengaluru Coimbatore Hyderabad Trivandrum	India	41
Turkuvaz Haberlesme Ve Yay. A.S.	Sabah	Istanbul	Turkey	45

ABP Pvt Ltd

Anandabazar Patrika, Barasat, India



Anandabazar Patrika (Power of Words) founded in 1922. ABP, now a venerable institution in its hundredth year, remain steadfastly committed to the principles and ethics — truthfulness, non-partisanship, fearlessness — that have paved the way for this illustrious centennial journey. ABP among the largest media conglomerate in India with diversified portfolios in Newspaper, Magazines, TV, events, Books, Online & Mobile. ABP was the first to use offset printing in the East India and one of the first in the country. Our role is to be the flagship brand by dominating the newspaper segment by being relevant to existing readers & attracting new revenues, by growing with the market and upgrading readers from the base. Anandabazar, lit up by centennial light, continues to bear the flag of respect and pride with modesty. The wishes of its innumerable readers and the earnest endeavor of its employees are its real strength in this ceaseless journey on the path of light.

Contact

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CAT 1 Cold-set web offset

Workflow	Daily Circulation copies	NA
	Page dimension (mm)	330 x 520
	Page Design	Adobe: Indesign
	Editorial workflow	Agfa arkitex Production client
	Ad-Booking	Atex: ATEX
	Pre-flight error check	Onevision: Asura
	Manual Image correction	Adobe: Photoshop
Pre-Press	Ink Saver	CMS
	Proofing Type	Soft proofing
	Proofing System	Serendipity - Veripress
	RIP	Grafix: Harlequin
	Screen Type & LPI	FM
Print Process	Total Ink coverage	180
	CTP System	Krause: Lsjet 300/350
	Printing Press	OF 370 S
	Press Geometry	4/1
	Press Control	ABB
	Closed Loop System	Wifag
	Dampening System	Baldwin: Technova, DSC
Materials	Color Sequence	CMYK
	Plate Type	Low chem
	Plate	Technova: Vio Star
	Blanket	Kinyo, Trelleborg: Kinyo EX-6100, Vulcan 202
	Fountain Agent	Technova, DSC: Dyna Fount, Eurofount
	Ink	HUBER, DIC, SAKATA: Newsink
	Newsprint / Paper Type	Virgin & Recycled
	Newsprint Makes	RESOLUTE, KRUGER, STORA ENSO, WHITE BIRCH
Newsprint Variants	NA	
Newsprint GSM varieties	NA	

ABP Pvt Ltd

The Telegraph, Barasat, India



The Telegraph (UNPUTDOWNABLE) founded in 1982 by ABP. It is India's first sectionalized, modular design newspaper with business, sports & special features along with full page leisure. It has started community journalism in 2005. For last 40 years The Telegraph truly in the sound of the city's heartbeat. The layout is modern with an image of young & ambitious.

Contact

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 somnath.guha@abp.in

CAT 1 Cold-set web offset

Workflow	Daily Circulation copies	NA
	Page dimension (mm)	330 x 520
	Page Design	Adobe: Indesign
	Editorial workflow	Agfa arkitex Production client
	Ad-Booking	Atex: ATEX
	Pre-flight error check	Onevision: Asura
	Manual Image correction	Adobe: Photoshop
Pre-Press	Auto Image correction	Agfa : Intellitune
	Color Management	Binuscan: CMS
	Ink Saver	CMS
	Proofing Type	Soft proofing
	Proofing System	Serendipity - Veripress
Print Process	RIP	Grafix: Harlequin
	Screen Type & LPI	FM
	Total Ink coverage	180
	CTP System	Krause: Lsjet 300/350
	Printing Press	OF 370 S
	Press Geometry	4/1
	Press Control	ABB
Materials	Closed Loop System	Wifag
	Dampening System	Baldwin: Technova, DSC
	Color Sequence	CMYK
	Plate Type	Low chem
	Plate	Technova: Vio Star
	Blanket	Kinyo, Trelleborg: Kinyo EX-6100, Vulcan 202
	Fountain Agent	Technova, DSC: Dyna Fount, Eurofount
Materials	Ink	HUBER, DIC, SAKATA: Newsink
	Newsprint / Paper Type	Virgin & Recycled
	Newsprint Makes	RESOLUTE, KRUGER, STORA ENSO, WHITE BIRCH
	Newsprint Variants	NA
	Newsprint GSM varieties	NA

Bennett Coleman & Co. Ltd

The Times of India, Ahmedabad, India



BCCL is India's most diversified media company with brands across publishing, television, internet, radio & outdoor domains. The story of BCCL goes back to 1838, when the flagship brand The Times of India, was published. Since then, it has consistently moved up the growth curve by entering new markets & launching new titles. The Times of India is the world's largest circulating English daily. We are regarded as one of the most innovative publishing companies.

Contact

Pradeep Das
Associate GM,
Plant Head - Gujarat,
The Times of India,
Vejalpur, Gujarat – 380015.

CAT 1 Cold-set web offset

Workflow	Daily Circulation copies	130000
	Page dimension (mm)	343 x 546
	Page Design	CCI: Newsgate
	Editorial workflow	Own developed
	Ad-Booking	SAP: Option 1
	Pre-flight error check	Onevision: Asura
Pre-Press	Manual Image correction	Adobe: Indesign
	Auto Image correction	Binuscan: Claro
	Color Management	Binuscan: CMS
	Ink Saver	CMS
	Proofing Type	Soft proofing
	Proofing System	Adobe - Acrobat: NA
Print Process	RIP	Agfa: Harlequin
	Screen Type & LPI	FM: NA
	Total Ink coverage	200
	CTP System	Krause: Lsjet200
	Printing Press	Manugraph: Cityline;Hiline
	Press Geometry	NA
Materials	Press Control	Manucolor
	Closed Loop System	Quadtech
	Dampening System	Baldwin;Shree Refrigeration: Technova
	Color Sequence	CMYK
	Plate Type	Thermal Plate
	Plate	Technova: Viostar;Viogreen
Materials	Blanket	Kinyo: Mercury
	Fountain Agent	Technova: Crown Jewel
	Ink	Huber;Bombay Wellprint: Goodnews
	Newsprint / Paper Type	Virgin & Recycled
	Newsprint Makes	Upm;Emami;Whitebirch;Resolute;Khanna NP
	Newsprint Variants	Soucy;Kondapoga
Newsprint GSM varieties		

Bennett Coleman & Co. Ltd

The Times of India, Airoli, Navi Mumbai, India



Airoli plant of BCCL started operations in 2008 and is the first newspaper plant in India to use high-end robotics and automation. The plant produces almost 4.11 lac copies per night. It produces Times Group flagship English dailies The Times of India, Mumbai Mirror, Bombay Times and in language Maharashtra Times & Mumbai Times. Airoli plant became the first newspaper publisher in India to get 5S certification in 2019.

Contact

Indrajit Sen
Associate GM - Plant Head
BCCL, TOI Print City - Plot 4
TTC industrial area, Airoli
Mumbai 400708

CAT 1 Cold-set web offset

Workflow	Daily Circulation copies	203000
	Page dimension (mm)	349 x 546
	Page Design	CCI: Newsgate
	Editorial workflow	Wfm
	Ad-Booking	SAP
	Pre-flight error check	Onevision: Asura
	Manual Image correction	Adobe: Indesign
Pre-Press	Auto Image correction	NA: NA
	Color Management	Binuscan: CMS
	Ink Saver	CMS
	Proofing Type	Soft proofing
	Proofing System	Serendipity - Veripress: NA
	RIP	Xitron: Navigator - Harlequin
	Screen Type & LPI	FM: 1060 DPI / 50 MICRON FM
Print Process	Total Ink coverage	180
	CTP System	Krause: Lsjet 300
	Printing Press	Colorman;Cromoman
	Press Geometry	6/4
	Press Control	Pecom
	Closed Loop System	NA
	Dampening System	Technotrans: Technova
Materials	Color Sequence	CMYK
	Plate Type	Developer Base
	Plate	Technova: Viogreen
	Blanket	Kinyo;Flintgroup;Trellborg: Metal back Blanket;Combi and Conventional
	Fountain Agent	Technova: Dyna Fount
	Ink	DIC;Huber: Newsink
	Newsprint / Paper Type	Virgin & Recycled
Newsprint Makes	Whitebirch;Resolute;Emami	
Newsprint Variants	Soucy;Kondapoga;Clermont;Kruger, MNI	
Newsprint GSM varieties		

Bennett Coleman & Co. Ltd

The Times of India, Baroda, India



BCCL is India's most diversified media company with brands across publishing, television, internet, radio & outdoor domains. The story of BCCL goes back to 1838, when the flagship brand The Times of India, was published. Since then, it has consistently moved up the growth curve by entering new markets & launching new titles. The Times of India is the world's largest circulating English daily. We are regarded as one of the most innovative publishing companies.

Contact

Manu Sharma
The Times of India Press
Plot no -465, POR GIDC
Vadodara, Gujarat, 391243

CAT 1 Cold-set web offset

Workflow	Daily Circulation copies	42000
	Page dimension (mm)	343 x 546
	Page Design	CCI: Newsgate
	Editorial workflow	Own developed
	Ad-Booking	SAP
	Pre-flight error check	Onevision: Asura
	Manual Image correction	Adobe: Indesign
Pre-Press	Auto Image correction	NA: NA
	Color Management	Binuscan: CMS
	Ink Saver	CMS
	Proofing Type	Soft proofing
	Proofing System	
Print Process	RIP	Agfa: Navigator - Harlequin
	Screen Type & LPI	FM: 1016 DPI, 50 MICRON
	Total Ink coverage	200
	CTP System	Krause: Smart n Easy
	Printing Press	Hiline
	Press Geometry	6/1
	Press Control	Manucolor
Materials	Closed Loop System	Quadtech
	Dampening System	Manugraph: Technova
	Color Sequence	CMYK
	Plate Type	Chemical free
	Plate	Technova: Viogreen
	Blanket	Kinyo: Mercury
	Fountain Agent	Technova: Crown Jewel
Materials	Ink	Bombay well print: Stallion
	Newsprint / Paper Type	Virgin & Recycled
	Newsprint Makes	Upm; Emami; Whitebirch; Resolute
	Newsprint Variants	Soucy; Kondapoga
	Newsprint GSM varieties	

Bennett Coleman & Co. Ltd

The Times of India, Bengaluru, India



BCCL is India's most diversified media company with brands across publishing, television, internet, radio & outdoor domains. The story of BCCL goes back to 1838, when the flagship brand The Times of India, was published. Since then, it has consistently moved up the growth curve by entering new markets & launching new titles. The Times of India is the world's largest circulating English daily. We are regarded as one of the most innovative publishing companies.

Contact

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CAT 1 Cold-set web offset

Workflow	Daily Circulation copies	310000
	Page dimension (mm)	329 x 525
	Page Design	CuePrint 3.17 - Stibo Dx: InDesign - Adobe
	Editorial workflow	BITS - Own developed
	Ad-Booking	PPI
	Pre-flight error check	Asura - Onevision
	Manual Image correction	Photoshop - Adobe
	Auto Image correction	Claro - Elpical
Pre-Press	Ink Saver	CMS - Binuscan
	Proofing Type	NA
	Proofing System	Soft proofing
	RIP	Serendipity - Veripress
	Screen Type & LPI	Navigator - Harlequin
Print Process	Total Ink coverage	FM: 1016 DPI / 50 Microns 200
	CTP System	Krause: Lsjet 300, Plate stream
	Printing Press	MAN-ROLAND: Regioman
	Press Geometry	8/2, 4/1, 3/1
	Press Control	Pecom, EAE Print system
	Closed Loop System	QI press Controls, QuadTech
	Dampening System	MAN-ROLAND: Dyna
Materials	Color Sequence	CMYK
	Plate Type	Developer Base; Chemicalfree
	Plate	Technova: Viostar Plus, Viogreen Plus
	Blanket	Flint, Trelleborg: Day MBB, Vulcan MBB
	Fountain Agent	Dyna : Dyna Fount; LPCO
	Ink	Sakata, DIC: Newsink
	Newsprint / Paper Type	Mix
	Newsprint Makes	Upm, Emami, Whitebirch, Resolute, Kondapoga
Newsprint Variants	Soucy, Clermont, Gatineau, Platling	
Newsprint GSM varieties		

Bennett Coleman & Co. Ltd

The Times of India, Chennai, India



The Times Group is India's largest media & entertainment conglomerate. The Times Group is a leader in the publishing business and an emerging leader in internet, music, retailing, multimedia and now broadcast. Brands create a "brand culture" where the organizing principle for all activity centers on delivering the brand promise to customers. A successful brand culture has been created when everyone in the organization thinks and acts on the idea that "I am the brand.". Our brands maintain the leadership position in the marketplace by offering the best quality products, Innovations and services to our consumers.

Contact

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Plant Head
The Times Of India Press
140, Chemmencherry, OMR
Chennai -600119, Tamilnadu
Julianfelix.Manilkam@timesgroup.com

CAT 1 Cold-set web offset

Workflow	Daily Circulation copies	220000
	Page dimension (mm)	349 x 546
	Page Design	CCI: Newsgate
	Editorial workflow	Own developed
	Ad-Booking	PPI: SAP
	Pre-flight error check	Onevision: Asura
	Manual Image correction	Adobe: Adobe photo shop
Pre-Press	Auto Image correction	NA: NA
	Color Management	Binuscan: CMS
	Ink Saver	CMS
	Proofing Type	Soft proofing
	Proofing System	own developed
	RIP	Grafix: Navigator - Harlequin
Print Process	Screen Type & LPI	FM: 1016dpi AND 50 MICRONS
	Total Ink coverage	185
	CTP System	Krause: Lsjet 300/350
	Printing Press	Regioman
	Press Geometry	4/1
	Press Control	Pecom
	Closed Loop System	NA
Materials	Dampening System	MANROLAND: Flint
	Color Sequence	CMYK
	Plate Type	Developer Base
	Plate	Technova: Viostar
	Blanket	Flintgroup,Trellborg: Metal back Blanket
	Fountain Agent	Flint: Dyna Fount
	Ink	Sakata: Newsink
Newsprint / Paper Type	Newsprint Makes	Virgin & Recycled
	Newsprint Variants	Upm;Emami;Whitebirch;Resolute
	Newsprint GSM varieties	Soucy;Kondapoga

Bennett Coleman & Co. Ltd

The Times of India, Hyderabad, India



Bennett, Coleman & co. Ltd. is India's most diversified media company with brands across publishing, television, internet, radio & outdoor domains. A Powerhouse of successful Brands : We believe in shaping market trends & building a portfolio of innovative brands to be ahead of competition. Our flagship brand, The Times of India, is the world's largest circulating English daily & The Economic Times is the world's second largest circulating English Business daily. We are driven by the indomitable spirit to question the conventional wisdom. We are one internally cohesive & disciplined team of people from diverse backgrounds. We invest in our people & our policies are designed for their long-term happiness.

Contact

K. Muralidharan
DGM, Times Press
Nacharam
Hyderabad-500076

CAT 1 Cold-set web offset

Workflow	Daily Circulation copies	120000
	Page dimension (mm)	329 x 525
	Page Design	CCI: Newsgate
	Editorial workflow	Own developed
	Ad-Booking	PPI;SAP
	Pre-flight error check	Onevision: Asura
	Manual Image correction	Adobe: Photoshop CS5
	Auto Image correction	NA: NA
Pre-Press	Ink Saver	Binuscan: CMS
	Proofing Type	CMS
	Proofing System	Soft proofing
	RIP	own developed
	Screen Type & LPI	Xitron: Navigator - Harlequin
Print Process	Total Ink coverage	FM: 1016dpi /50 micron
	CTP System	200
	Printing Press	Krause: Lsjet200
	Press Geometry	Hiline
	Press Control	7/1
	Closed Loop System	Manucolor
Materials	Dampening System	Quadtech
	Color Sequence	Manugraph: DSC
	Plate Type	CMYK
	Plate	Developer Base
	Blanket	Technova: Viostar
	Fountain Agent	Kinyo: Mercury
	Ink	DSC: Uni-Fount
	Newsprint / Paper Type	Huber: Goodnews
Newsprint Makes	Virgin & Recycled	
Newsprint Variants	Emami, Whitebirch, Resolute, Khanna, Shah, Chadha, UPM, Henzel	
Newsprint GSM varieties	Soucy, Kondapoga	

Bennett Coleman & Co. Ltd

The Times of India, Kandivali, Mumbai, India



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Contact

Upendra Nayak
Plant Head
The Times of India Suburban press
Akurli road, Kandivali East, Mumbai - 400101
022-67675299

CAT 1 Cold-set web offset

Workflow	Daily Circulation copies	420000
	Page dimension (mm)	349 x 546
	Page Design	4Cplus, CCI, Adobe: Indesign, Newsrap, Newsgate
	Editorial workflow	In-house developed
	Ad-Booking	PPI: 5.7
	Pre-flight error check	Onevision: Asura 21
	Manual Image correction	Adobe: Photoshop CC
Pre-Press	Auto Image correction	Apical: Claro
	Color Management	Binuscan: Version 10
	Ink Saver	Version 10
	Proofing Type	Soft proofing
	Proofing System	Serendipity - Veripress: Epson - Stylus pro
	RIP	Xitron: Harlequin
Print Process	Screen Type & LPI	FM: 50 microns
	Total Ink coverage	200
	CTP System	Krause: LSJet 300/350, Platestream
	Printing Press	Man-Roland, Manugraph, Heidelberg:
	Press Geometry	Colorman, Geoman, Hiline, Harris 300, Harris 600
	Press Control	6/1, 3/2, 8/2
Materials	Closed Loop System	Manucolor, PECOM
	Dampening System	NA
	Color Sequence	Technotrans: PCO, Technova
	Plate Type	CMYK
	Plate	Developer Base, Low chem
	Blanket	Technova: Viostar, Viogreen
	Fountain Agent	Kinyo, Trelborg: Royal web, Vulcan
Ink	PCO, Technova: Dyna Fount, Crown Jewel	
Newsprint / Paper Type	DIC, Huber: Newsink	
Newsprint Makes	Mix	
Newsprint Variants	Soucy, Kondapoga, Khanna, Emami, UPM	
Newsprint GSM varieties	SNP; GNP	

Bennett Coleman & Co. Ltd

The Times of India, Kolkata, India



Bennett, Coleman & co. Ltd. is India's most diversified media company with brands across publishing, television, internet, radio & outdoor domains. A Powerhouse of successful Brands : We believe in shaping market trends & building a portfolio of innovative brands to be ahead of competition. Our flagship brand, The Times of India, is the world's largest circulating English daily & The Economic Times is the world's second largest circulating English Business daily. We are driven by the indomitable spirit to question the conventional wisdom. We are one internally cohesive & disciplined team of people from diverse backgrounds. We invest in our people & our policies are designed for their long-term happiness.

Contact

Soumya Ghoshal
Plant Head
Times of India, Block-EM
Plot No-II, Sector-V, Salt Lake
Kolkata-700091, India

CAT 1 Cold-set web offset

Workflow	Daily Circulation copies	190000
	Page dimension (mm)	349.5 x 546
	Page Design	CCI: Newsgate
	Editorial workflow	Own developed
	Ad-Booking	SAP
	Pre-flight error check	Onevision: Asura
	Manual Image correction	Adobe
Pre-Press	Ink Saver	NA: NA
	Proofing Type	Binuscan: CMS
	Proofing System	CMS
	RIP	Hard proofing
	Screen Type & LPI	Epson-SureColor T3270
Print Process	Total Ink coverage	Xitron: Navigator - Harlequin
	CTP System	FM: 1016Dpi/ 50Microns
	Printing Press	200
	Press Geometry	Krause: Lsjet 300/350
	Press Control	Regioman; Cromoman
	Closed Loop System	4/1
Materials	Dampening System	Pecom
	Color Sequence	Quadtech
	Plate Type	Technotrans: PCO
	Plate	CMYK
	Blanket	Developer Base
	Fountain Agent	Technova: Viostar
	Ink	Flintgroup; Trellog: Metal back Blanket
Newsprint / Paper Type	PCO: Dyna Fount	
Newsprint Makes	Dic; Sakata: Newsink	
Newsprint Variants	Recycled / Vergin	
Newsprint GSM varieties	Kondapoga; Soucy; Emami; Resolute	
	Kondapoga; Soucy; Emami; Resolute	

Bennett Coleman & Co. Ltd

The Times of India, Lucknow, India



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Contact

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 Lucknow -226028
 Manjul.Verma@timesgroup.com

CAT 1 Cold-set web offset

Workflow	Daily Circulation copies	80000
	Page dimension (mm)	343 x 546
	Page Design	CCI: Newsgate
	Editorial workflow	Own developed
	Ad-Booking	PPI;SAP
	Pre-flight error check	Onevision: Asura
	Manual Image correction	Adobe: Adobe Photoshop
Pre-Press	Auto Image correction	NA: NA
	Color Management	Binuscan: CMS
	Ink Saver	CMS
	Proofing Type	Soft proofing
	Proofing System	
Print Process	RIP	Xitron: Navigator - Harlequin
	Screen Type & LPI	FM;1016 dpi/50 micron: NA
	Total Ink coverage	185
	CTP System	Krause: Lsperformance250
	Printing Press	Hiline
Materials	Press Geometry	NA
	Press Control	Manucolor;Siemens
	Closed Loop System	Quadtech
	Dampening System	Technotrans: Technova
	Color Sequence	CMYK
	Plate Type	Developer Base
	Plate	Technova: Viostar
Blanket	Kinyo: Mercury	
Fountain Agent	Technova: Crown Jewel	
Ink	Huber: Newsink	
Newsprint / Paper Type	Virgin & Recycled	
Newsprint Makes	Emami;Whitebirch;Resolute	
Newsprint Variants	Soucy;Kondapoga	
Newsprint GSM varieties		

Bennett Coleman & Co. Ltd

The Times of India, Manesar, Haryana, India



Bennett, Coleman & co. Ltd. is India's most diversified media company with brands across publishing, television, internet, radio & outdoor domains. A Powerhouse of successful Brands : We believe in shaping market trends & building a portfolio of innovative brands to be ahead of competition. Our flagship brand, The Times of India, is the world's largest circulating English daily & The Economic Times is the world's second largest circulating English Business daily. We are driven by the indomitable spirit to question the conventional wisdom. We are one internally cohesive & disciplined team of people from diverse backgrounds. We invest in our people & our policies are designed for their long-term happiness.

Contact

Suresh Bhandari
 AGM, The Times Of India Press
 Plot No. 7 & 8, Sector M-11, IMT Manesar
 Gurugram, Haryana
 suresh.bhandari@timesgroup.com

CAT 1 Cold-set web offset

Workflow	Daily Circulation copies	60000
	Page dimension (mm)	349.25 x 546
	Page Design	CCI Europe, Adobe: 4C, CCI, Indesign
	Editorial workflow	Own developed
	Ad-Booking	PPI: Option 1
	Pre-flight error check	Onevision: Asura
Pre-Press	Manual Image correction	Adobe, Claro: Indesign, Photoshop
	Auto Image correction	Binuscan: Claro
	Color Management	Binuscan: CMS
	Ink Saver	CMS
	Proofing Type	Soft proofing
	Proofing System	Serendipity - Veripress: Epson
Print Process	RIP	Xitron: Navigator
	Screen Type & LPI	FM: 1016 DPI /50 Microns
	Total Ink coverage	185
	CTP System	Krause: Plate Stream
	Printing Press	Color Top 5100 UDI
	Press Geometry	5/1
Materials	Press Control	TKS TNPC
	Closed Loop System	QI
	Dampening System	TKS: DSC
	Color Sequence	CMYK
	Plate Type	Developer Base
	Plate	Technova: Viostar
Materials	Blanket	Kinyo: No pack blankets
	Fountain Agent	DSC: Eurofount N
	Ink	Dic: Newsink
	Newsprint / Paper Type	Virgin & Recycled
	Newsprint Makes	Emami; Whitebirch; Resolute; Kondopoga and MNI
	Newsprint Variants	Soucy; Kondapoga; Emami
Newsprint GSM varieties		

Bennett Coleman & Co. Ltd

The Times of India, Nagpur, India



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Contact

Ajinkya Gokhale
Plant Head
The Times Of India Press
Nagpur

CAT 1 Cold-set web offset

Workflow	Daily Circulation copies	20000
	Page dimension (mm)	343 x 546
	Page Design	CCI: Newsgate
	Editorial workflow	Wfm
	Ad-Booking	SAP
	Pre-flight error check	Adobe: Asura
	Manual Image correction	Adobe: Photoshop
Pre-Press	Auto Image correction	Binuscan: CMS
	Color Management	Binuscan: CMS
	Ink Saver	CMS
	Proofing Type	Soft proofing
	Proofing System	own developed
Print Process	RIP	Xitron: Navigator - Harlequin
	Screen Type & LPI	FM: 1016dpi /50 micron
	Total Ink coverage	185
	CTP System	Krause: Lsjet200
	Printing Press	Hiline
	Press Geometry	3/1
	Press Control	Manucolor
Materials	Closed Loop System	Quadtech
	Dampening System	Manugraph: Technova
	Color Sequence	CMYK
	Plate Type	Developer Base
	Plate	Technova: Viostar
	Blanket	Kinyo: Mercury
	Fountain Agent	Technova: Crown Jewel
Materials	Ink	BWL: Goodnews
	Newsprint / Paper Type	Virgin & Recycled
	Newsprint Makes	Emami;Whitebirch;Resolute
	Newsprint Variants	Emami, Soucy;Kondapoga
	Newsprint GSM varieties	

Bennett Coleman & Co. Ltd

The Times of India, Pune, India

No. 1 English Broadsheet in Pune



Contact

R. Salaivallan
Plant Head
The Times Of India Press
Sector -10, Plot 119, J Block, MIDC
Bhosari, Pune 411026

CAT 1 Cold-set web offset

Workflow	Daily Circulation copies	110000
	Page dimension (mm)	349 x 546
	Page Design	4Cplus;CCI: Newswrap;Newsgate
	Editorial workflow	Wfm
	Ad-Booking	SAP
	Pre-flight error check	Adobe: Asura
	Manual Image correction	Adobe: Photoshop
Pre-Press	Auto Image correction	Binuscan: CMS
	Color Management	Binuscan: CMS
	Ink Saver	CMS
	Proofing Type	Soft proofing
	Proofing System	EIZO
Print Process	RIP	Xitron: Navigator - Harlequin
	Screen Type & LPI	FM: 105
	Total Ink coverage	180
	CTP System	Krause: Lsperformance250
	Printing Press	Regioman
	Press Geometry	4/1
	Press Control	Pecom
Materials	Closed Loop System	Quadtech
	Dampening System	Technotrans: PCO
	Color Sequence	CMYK
	Plate Type	Developer Base
	Plate	Technova: Viostar
	Blanket	Flintgroup: Metal back Blanket
	Fountain Agent	PCO: DYNA
Materials	Ink	Sakata: Newsink
	Newsprint / Paper Type	Virgin & Recycled
	Newsprint Makes	Whitebirch
	Newsprint Variants	Kondapoga
	Newsprint GSM varieties	

Bennett Coleman & Co. Ltd

The Times of India, Sahibabad, India



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Contact

Manish Sinha
 AVP, The Times of India Press
 13/1, Site-4, Sahibabad Industrial area
 District Ghaziabad
 Uttar Pradesh , 201010

CAT 1 Cold-set web offset

Workflow	Daily Circulation copies	450000
	Page dimension (mm)	349.25 x 546560
	Page Design	4Cplus;CCI;Adobe: Indesign,CCI,4C
	Editorial workflow	Own developed
	Ad-Booking	PPI: Option 1
	Pre-flight error check	Onevision: Asura
	Manual Image correction	Adobe,Claro: Indesign,Photoshop
Pre-Press	Auto Image correction	Binuscan: Claro
	Color Management	Binuscan: CMS
	Ink Saver	CMS
	Proofing Type	Soft proofing
	Proofing System	Serendipity - Veripress: Epson - Stylus pro
Print Process	RIP	Xitron: Navigator - Harlequin
	Screen Type & LPI	FM: 1016 dpi / 50 microns
	Total Ink coverage	185
	CTP System	Krause: Lsjet 300,Plate Stream
	Printing Press	Colorman,Geoman
	Press Geometry	8/2,5/2
	Press Control	Pecom,EAE
Materials	Closed Loop System	QI Pressteck,GraphiKontral
	Dampening System	Technotrans: Varn
	Color Sequence	CMYK
	Plate Type	Developer Base;Chemicalfree
	Plate	Technova: Viostar,Viogreen
	Blanket	Kinyo,Trellborg: Web Royal,Titan,Vulcan
	Fountain Agent	Varn: Dyna Fount
Materials	Ink	Dic;Huber: Newsink
	Newsprint / Paper Type	Virgin & Recycled
	Newsprint Makes	Upm;Emami;Whitebirch;Resolute,khanna,Soucy;Kondapoga
	Newsprint Variants	Soucy;Kondapoga,emami,khanna
	Newsprint GSM varieties	

Bennett Coleman & Co. Ltd

The Times of India, Trivandrum, India



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Contact

Vivek Bhat
 Plant Head
 Bennett Coleman & Co Ltd
 C/o Mathrubhumi Printing and Publishing Co.Ltd
 Plot No: A22, A23 Kinfra International Apparel Parks Ltd
 Kadinamkulam Panchayat, St. Xavier Post
 Thumba, Trivandrum, Kerala - 695586

CAT 1 Cold-set web offset

Workflow	Daily Circulation copies	27000
	Page dimension (mm)	343 x 546
	Page Design	CCI: Newsgate
	Editorial workflow	Own developed
	Ad-Booking	PPI;SAP
	Pre-flight error check	Onevision: Asura
	Manual Image correction	Adobe: Adobe Photoshop
Pre-Press	Auto Image correction	NA: NA
	Color Management	Binuscan: CMS
	Ink Saver	CMS
	Proofing Type	Soft proofing
	Proofing System	own developed
Print Process	RIP	ECRM RIPMATE 9.0: Navigator - Harlequin
	Screen Type & LPI	AM;1200 dpi: 100
	Total Ink coverage	200
	CTP System	Krause: Smart & Easy
	Printing Press	Cityline
	Press Geometry	2/1
Materials	Press Control	Manucolor;Mitsubishi
	Closed Loop System	Quadtech
	Dampening System	Shri refrigeration: Technova
	Color Sequence	CMYK
	Plate Type	Developer Base
	Plate	Technova: Viostar
	Blanket	Kinyo: Murcury
	Fountain Agent	Technova: Crown Jewel BD
	Ink	DIC: Newsink
	Newsprint / Paper Type	Virgin & Recycled
Newsprint Makes	Emami;Whitebirch;Resolute	
Newsprint Variants	Emami;Soucy;Kondapoga	
Newsprint GSM varieties		

British Industries Printing & Packaging Co

Al Jarida, Sabhan, Kuwait



British Industries Printing and Packaging Co was established in 1993. The additional activity of web offset printing operations started in June 2013. British Industries is a subsidiary of Tamdeen Group, among Kuwait's most dynamic real estate companies, master planner and developer of iconic real estate and commercial projects and interests in investment and financing. The CROMOMAN hybrid printing press is made up of 13 towers including 2 heat sets with printing speed of 45,000 copies/hour. We produce a wide range of print products in addition to newspapers; magazines, brochures, catalogs, flyers, books, etc. The cut-off is 578 mm in 2 press lines arranged parallel with web guiding between the lines for printing up to 16 webs in Line 1, maximum 12 webs via main former and for printing up to 12 webs in Line 2. The mailroom is state of art link between the printing press and the loading dock.

Contact

Reyad M. Abudaqar
Deputy CEO
British Industries Printing & Packaging Co
Block 8, Street 84, Bldg. 203
Sabhan, Kuwait
009651880022
reyad@britishindustries.net

CAT 1 Cold-set web offset

Workflow	Daily Circulation copies	22000
	Page dimension (mm)	330 x 578
	Page Design	Adobe: Indesign
	Editorial workflow	Own developed
	Ad-Booking	NA: NA
	Pre-flight error check	Adobe: Acrobat / Distiller
Pre-Press	Manual Image correction	Adobe: Photoshop
	Auto Image correction	GMG: Cip-3
	Color Management	GMG: Color server
	Ink Saver	Color server
	Proofing Type	Soft & Hard proof
	Proofing System	Adobe - Acrobat: Epson - Stylus pro
Print Process	RIP	Fuji: Luxel V8
	Screen Type & LPI	AM: 120
	Total Ink coverage	240
	CTP System	Agfa: Luxel V8
	Printing Press	Cromoman
	Press Geometry	4/1
Materials	Press Control	Pecom
	Closed Loop System	Quadtech
	Dampening System	Baldwin: Huber
	Color Sequence	CMYK
	Plate Type	Developer Base
	Plate	Fuji: NA
Materials	Blanket	Flintgroup: Metal back Blanket
	Fountain Agent	Huber: Goodnews for C/S, Redufix for H/S
	Ink	Huber: Goodnews; Revolution
	Newsprint / Paper Type	Virgin
	Newsprint Makes	NA
	Newsprint Variants	NA
Newsprint GSM varieties		

British Industries Printing & Packaging Co

Al Rai, Sabhan, Kuwait

The collage displays several pages from the 'Al Rai' newspaper. The top page features a headline about the Saudi King's visit to Ajlun. Below it, there's a financial table titled '1200 دولار، طارت، في جلسة واحدة' (1200 Dollars, Flashed, in one session) showing market movements. Other pages include news about 'مخزون طيب الإقبال' (Good reception inventory) and 'أسعار الدولار... إلى ارتفاع' (Dollar prices... rising). The newspaper logo 'الرأي' and 'Al Rai' are prominently displayed.

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Contact

Reyad M. Abudaqar
 Deputy CEO
 British Industries Printing & Packaging Co
 Block 8, Street 84, Bldg. 203
 Sabhan, Kuwait
 009651880022
 reyad@britishindustries.net

CAT 1 Cold-set web offset

Workflow	Daily Circulation copies	27000
	Page dimension (mm)	330 x 578
	Page Design	Adobe: Indesign
	Editorial workflow	Own developed
	Ad-Booking	NA: NA
	Pre-flight error check	Adobe: Acrobat / Distiller
	Manual Image correction	Adobe: Photoshop
Pre-Press	Auto Image correction	GMG: Clip-3
	Color Management	GMG: Color server
	Ink Saver	Color server
	Proofing Type	Soft & Hard proof
	Proofing System	Adobe - Acrobat: Epson - Stylus pro
Print Process	RIP	Fuji: Luxel V8
	Screen Type & LPI	AM: 120
	Total Ink coverage	240
	CTP System	Agfa: Luxel V8
	Printing Press	Cromoman
	Press Geometry	4/1
	Press Control	Pecom
Materials	Closed Loop System	Quadtech
	Dampening System	Baldwin: Huber
	Color Sequence	CMYK
	Plate Type	Developer Base
	Plate	Fuji: NA
	Blanket	Flintgroup: Metal back Blanket
	Fountain Agent	Huber: Goodnew for C/S, Redufix for H/S
Materials	Ink	Huber: Goodnews; Revolution
	Newsprint / Paper Type	Virgin
	Newsprint Makes	NA
	Newsprint Variants	NA
	Newsprint GSM varieties	

DELO d.o.o. - TISKARSKO SREDIŠ?E

DELO, Ljubljana, Slovenia



Delo, d.o.o., is the largest newspaper print publishing house in Slovenia with more than 55-percent of the Slovenian newspaper market. We publish the dominant national daily newspaper Delo, the tabloid newspaper Slovenske Novice and others many others. DELO became a member of the International Newspaper Color Quality Club for the first time in 1998. Until now Delo has become member of the ICQC eleven times. The editorial, advertisement and prepress system is digital, locally driven through Adobe CC Suite software and auto image enhancement software Claro Premedia (Elpical). Main part of workflow are ACCHSH (PuzzleFlow), OneVision (Asura) and RTI RIP (Harlequin). Prepress comprises two thermal CTP-systems (Creo Trendsetters). Most of our publications (newspapers and magazines) are printed with heatset-offset technique using Uniset 70 web press. Most of our newspapers we are printing by coldset using Colorman web press. Mueller Martini and Ferag equipment is used for post-press.

Contact

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 00386 1 47 37 800
 jure.flerin@tiskarsko.si, tomislav.strnad@tiskarsko.si

CAT 1 Cold-set web offset

Workflow	Daily Circulation copies	22000
	Page dimension (mm)	380 x 578
	Page Design	Adobe: Indesign
	Editorial workflow	Own developed
	Ad-Booking	/
	Pre-flight error check	Onevision: Asura
Pre-Press	Manual Image correction	Adobe: Photoshop
	Auto Image correction	Elpical: Claro
	Color Management	X-Rite: Wan-lfra newspaper icc profile
	Ink Saver	Wan-lfra newspaper icc profile
	Proofing Type	No proofing used
	Proofing System	/
Print Process	RIP	Xitron: Navigator - Harlequin
	Screen Type & LPI	AM: 120
	Total Ink coverage	240
	CTP System	Kodak: Trendsetter News
	Printing Press	Colorman
	Press Geometry	2/1
Materials	Press Control	/
	Closed Loop System	/
	Dampening System	Baldwin: Spielberg
	Color Sequence	KCMY
	Plate Type	Developer free
	Plate	Fuji;Kodak: FUJI SUPERIAZE-N, KODAK SONORA XTRA-2
Materials	Blanket	Kinyo: Hermes
	Fountain Agent	Spielberg: ProNews R52
	Ink	Flint
	Newsprint / Paper Type	Virgin & Recycled
	Newsprint Makes	UPM, VIPAP
	Newsprint Variants	UPM News, SOF

Druck Carinthia GmbH & Co KG

Kleine Zeitung, Carinthia, Austria



Styria Media Group AG is the leading media company in the southern region of Austria. Its traditional daily newspaper Kleine Zeitung is brought to readers in the Austrian federal states of Styria and Carinthia. Kleine Zeitung has a long lasting success story to tell and issues up to 290.000 copies in the Styria/Carinthia region daily. In addition to that Styria Media Group AG publishes newspapers and magazines for any other region of the Austrian market and is a major player in Slovenia and Croatia, its main foreign markets. Druck Carinthia GmbH & Co KG is one of two Austrian newspaper printing sites within Styria Print Group. The group consists of two plants in Austria and one in Croatia. Druck Carinthia's main daily product is Kleine Zeitung, but they also produce a lot of weeklies, monthlies and a high number of advertising material. Thanks to great effort the team of Druck Carinthia GmbH & Co KG is always contributing to the good market position of the printing group.

Contact

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 Managing Director
 Druck Carinthia GmbH & Co KG
 A-9300 St. Veit an der Glan
 +43316 / 8099-2025
 christian.wilms@styria.com

CAT 1 Cold-set web offset

Workflow	Daily Circulation copies	95000
	Page dimension (mm)	225 x 300
	Page Design	Adobe: Indesign
	Editorial workflow	NA
	Ad-Booking	Alfa Adsuite
	Pre-flight error check	
	Manual Image correction	Adobe
	Auto Image correction	Elipical: Claro
Pre-Press	Ink Saver	Iccprofile: Wan-Ifra newspaper icc profile
	Proofing Type	Wan-Ifra newspaper icc profile
	Proofing System	Soft proofing
	RIP	Wobe - Softproof
	Screen Type & LPI	Xitron: Navigator - Harlequin
Print Process	Total Ink coverage	AM: 155
	CTP System	180
	Printing Press	Agfa: Advantage
	Press Geometry	Colorman
	Press Control	4/2
	Closed Loop System	Pecom
Materials	Dampening System	NA
	Color Sequence	manroland
	Plate Type	CMYK
	Plate	Low chem
	Blanket	Agfa
	Fountain Agent	Trellborg: Vulcan
	Ink	Schuite & Schuite
Newsprint / Paper Type	Recycled	
Newsprint Makes	Norske Skog	
Newsprint Variants	NA	
Newsprint GSM varieties		

Druck Styria GmbH & Co KG

Kleine Zeitung, Styria, Austria



Styria Media Group AG is the leading media company in the southern region of Austria. Its traditional daily newspaper Kleine Zeitung is brought to readers in the Austrian federal states of Styria and Carinthia. Kleine Zeitung has a long lasting success story to tell and issues up to 290.000 copies in the Styria/Carinthia region daily. In addition to that Styria Media Group AG publishes newspapers and magazines for any other region of the Austrian market and is a major player in Slovenia and Croatia, its main foreign markets. Druck Styria GmbH & Co KG is one of two Austrian newspaper printing sites within Styria Print Group. The group consists of two plants in Austria and one in Croatia. Druck Styria's main daily product is Kleine Zeitung, but they also produce a lot of weeklies, monthlies and a high number of advertising material. Thanks to great effort the team of Druck Styria GmbH & Co KG is always contributing to the good market position of the printing group.

Contact

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 Managing Director
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 +43316 / 8099-2025
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CAT 1 Cold-set web offset

Workflow	Daily Circulation copies	195000
	Page dimension (mm)	225 x 300
	Page Design	Adobe: Indesign
	Editorial workflow	NA
	Ad-Booking	Alfa Adsuite
	Pre-flight error check	
	Manual Image correction	Adobe
Pre-Press	Auto Image correction	Elipical: Claro
	Color Management	Iccprofile: Wan-Ifra newspaper icc profile
	Ink Saver	Wan-Ifra newspaper icc profile
	Proofing Type	Soft proofing
	Proofing System	Wobe - Softproof
	RIP	Xitron: Navigator - Harlequin
	Screen Type & LPI	AM: 155
Print Process	Total Ink coverage	180
	CTP System	Krause: Lsjet 300/350
	Printing Press	Colorman
	Press Geometry	6/2
	Press Control	Pecom
	Closed Loop System	Grapho Metronic
	Dampening System	Technotrans
Materials	Color Sequence	CMYK
	Plate Type	Low chem
	Plate	Agfa
	Blanket	Trellborg: Metal back Blanket
	Fountain Agent	
	Ink	Schuite & Schuite
	Newsprint / Paper Type	Recycled
Newsprint Makes	Norske Skog	
Newsprint Variants	NA	
Newsprint GSM varities		

Druckerei Konstanz GmbH

Südkurier, Konstanz, Germany

With 130 employees, Druckerei Konstanz produces around 120 million printed copies annually. We cover a wide range of products (newspapers, freesheets, advertising inserts, high-quality magazines and brochures) for our own publishing house and numerous customers. The heart of our printing plant is the rotary printing press KBA Cortina, which uses the highly innovative waterless offset process. This creates very attractive opportunities for our customers in terms of print quality, economy and ecology. With awards at major industry competitions Druckerei Konstanz demonstrated her performance several times impressively.

Contact

Udo Paas
Processmanagement
Udo.Paas@Suedkurier.de

CAT 1	Cold-set web offset
Workflow	Daily Circulation copies Page dimension (mm) Page Design Editorial workflow Ad-Booking Pre-flight error check Manual Image correction Auto Image correction Color Management Ink Saver Proofing Type Proofing System RIP
Pre-Press	Screen Type & LPI Total Ink coverage CTP System
Print Process	Printing Press Press Geometry Press Control Closed Loop System Dampening System Color Sequence
Materials	Plate Type Plate Blanket Fountain Agent Ink Newsprint / Paper Type Newsprint Makes Newsprint Variants Newsprint GSM varieties

385150
315 x 470
Adobe;PPI: Indesign
NA
PPI;SAP
Onevision: Asura
Adobe
Agfa: Arkitek Intellitune
Color server
Color server
Both
OneVision - Asura: Epson P5000
Fuji: Elara
AM: 70
180
Kodak: Generation News
KBA: Cortina
NA
KBA - PressNet
QI Presstek
KCMY
Waterless
Toray: Imprima CA
Contitech
Huber;KMI: Goodnews Dryflow
Recycled
UPM / Perlen / Palm
NA

Frankfurter Allgemeine Zeitung

Frankfurter Allgemeine Zeitung, Potsdam, Germany



"The FAZ is generally regarded as a bourgeois-conservative medium." [4][5] However, in his 2019 account of the history of the FAZ, historian Peter Hoeres pointed out the traditionally broad spectrum of opinion within the editorial team. With over 90 domestic and foreign correspondents reporting exclusively for FAZ, the newspaper's network of correspondents is one of the largest in the world. In major cities, there are several specialized foreign correspondents for politics, economics and feature pages, for example in Brussels (4), London (4), Madrid (2), Moscow (2), New York (3), Paris (2), Beijing (2), Rome (2), Washington (2), Vienna (2). In Germany, FAZ has editorial offices in Berlin, Bonn, Dresden, Düsseldorf, Hamburg, Hanover, Kassel, Leipzig, Munich, Stuttgart, and Wiesbaden (in addition to the editorial offices of the Rhein-Main-Zeitung).

Contact

Jost Kampmann
Hersteller
j.kampmann@faz.de

CAT 1 Cold-set web offset

Workflow	Daily Circulation copies	202000
	Page dimension (mm)	400 x 570
	Page Design	Eidos: Methode
	Editorial workflow	Own developed
	Ad-Booking	SAP
	Pre-flight error check	Onevision: Asura
	Manual Image correction	Adobe
	Auto Image correction	Elipical
Pre-Press	Color Management	Claro
	Ink Saver	NA
	Proofing Type	Soft proofing
	Proofing System	WOBE: NA
	RIP	Harlequin
	Screen Type & LPI	FM
Print Process	Total Ink coverage	200
	CTP System	Agfa
	Printing Press	Manroland: Colorman
	Press Geometry	NA
	Press Control	NA
	Closed Loop System	NA
Materials	Dampening System	NA
	Color Sequence	CMYK
	Plate Type	NA
	Plate	
	Blanket	
	Fountain Agent	
	Ink	
	Newsprint / Paper Type	NA
Newsprint Makes	NA	
Newsprint Variants	NA	
Newsprint GSM varieties		

Heilbronner Stimme GmbH & Co. KG

Heilbronner Stimme, Heilbronn, Germany

The image shows a sample of the Heilbronner Stimme newspaper. The masthead is prominent at the top. Below it, there are several news articles with headlines and accompanying photos. One article features a white bus, and another mentions 'Kritik an Corona-Schnellteststationen wächst'. The layout is clean and professional, typical of a regional newspaper.

The Heilbronner Stimme is a family enterprise founded by Paul H. Distelbarth and Hermann Schwerdtfeger in 1946. Today Tilmann Distelbarth leads the media company as publisher and CEO in the third generation. The center of the company is a daily newspaper published from Monday to Saturday with the titles Heilbronner Stimme, Hohenloher Zeitung and Kraichgau Stimme. The clear structure and layout with a very modern and reader friendly design makes it to the most read daily newspaper of the region and to a very important advertising medium. With the subsidiary companies Delta Medien Service GmbH Heilbronn, Werbung Marketing & Verlag GmbH & Co. KG in Bretten and the pro Verlag und Service GmbH & Co. KG in Schwäbisch Hall the company publishes weekly newspapers and high quality magazines as well. The mail service provider RegioMail GmbH is also part of the Stimme Media Group.

Contact

Stimme Mediengruppe
 Heilbronner Stimme GmbH & Co. KG
 Geschäftsleitung, Allee 2, 74072
 Heilbronn
 07131 615261
 gf@stimme-mediengruppe.de

CAT 1	Cold-set web offset	
Workflow	Daily Circulation copies	72215
	Page dimension (mm)	350 x 510
	Page Design	Alfa: News Suite
	Editorial workflow	NA
	Ad-Booking	Alfa Adsuite: Alfa Adsuite
Pre-Press	Pre-flight error check	Enfocus: Callas PDF Toolbox
	Manual Image correction	Adobe: Photoshop
	Auto Image correction	Elipical: Claro
	Color Management	Iccprofile: Wan-lfra newspaper icc profile
	Ink Saver	Wan-lfra newspaper icc profile
Print Process	Proofing Type	Soft proofing
	Proofing System	Lightbox: Efi Fiery / Colorproof
	RIP	Fuji: Elara
	Screen Type & LPI	AM: 135
	Total Ink coverage	<160
Print Process	CTP System	Agfa: Polaris
	Printing Press	KBA: Commander CL
	Press Geometry	4/2
	Press Control	KBA
	Closed Loop System	NA
Materials	Dampening System	Baldwin: Spielberger
	Color Sequence	CMYK
	Plate Type	Chemicalfree
	Plate	Kodak: Libra VP
	Blanket	Contitech: Vulcan
Materials	Fountain Agent	Spielberger: Pro News
	Ink	Huber: Goodnews
	Newsprint / Paper Type	Recycled
	Newsprint Makes	Palm
	Newsprint Variants	News

Jagran Prakashan Limited

Dainik Jagran, Noida, India



With 10 Titles Across 13 States 5 Different Languages And A Total Readership Of 18.6 Mn, Jagran Is The Largest Print Media Group Of The Country

CAT 1		Cold-set web offset	
Workflow	Daily Circulation copies	340000	
	Page dimension (mm)	328 x 520	
	Page Design	Adobe: Indesign	
	Editorial workflow	Own developed	
	Ad-Booking	Own developed: JOIS	
	Pre-flight error check	BINUSCAN: CMS SERVER	
	Manual Image correction	Adobe: PHOTOSHOP	
Pre-Press	Auto Image correction	ELPICAL: Claro	
	Color Management	GMG: COLOR SERVER	
	Ink Saver	COLOR SERVER	
	Proofing Type	Digital	
	Proofing System	VERIPRESS: NA	
	RIP	Agfa: Sublima	
	Screen Type & LPI	SUBLIMA: NA	
Print Process	Total Ink coverage	220	
	CTP System	Krause: Plate stream	
	Printing Press	Cityline	
	Press Geometry	2/1	
	Press Control	Pecom	
	Closed Loop System	QJ Pressteck	
	Dampening System	Baldwin/Technova: Technova	
Materials	Color Sequence	CMYK	
	Plate Type	Developer free	
	Plate	Technova: Viogreen	
	Blanket	Kinyo: MERCURY	
	Fountain Agent	Technova: Dyna Fount	
	Ink	Huber, DIC: Newsink	
	Newsprint / Paper Type	Virgin & Recycled	
Newsprint Makes	Upm		
Newsprint Variants	Kondapoga		
Newsprint GSM varieties			

Presse. Druck- und Verlags- GmbH

Augsburger Allgemeine, Augsburg, Germany

The image shows the masthead and front page of the Augsburg Allgemeine newspaper. The masthead includes the title 'Augsburger Allgemeine' and the tagline 'UNABHÄNGIGE ÜBERPARTeilICHE TAGESZEITUNG'. Below the masthead, there are several news snippets and a large photograph of a soccer player in action. The snippets include headlines like 'Verhelfen die Grünen der CDU zur Macht?' and 'EU erwartet weniger Wachstum'. The soccer player is wearing a white jersey and is captured in a dynamic pose, possibly during a match.

Mediengruppe Pressedruck is a family-owned company based in Augsburg. Its core product, the Augsburg Allgemeine, is one of the five leading daily newspapers in Germany. Together with the Allgäuer Zeitung, the Augsburg Allgemeine is the highest-circulation subscription newspaper in Bavaria, with a total of 25 editions. In addition to the ongoing development of the daily newspapers and their online offerings, Mediengruppe Pressedruck's strategic focus is on expanding its media and services in the areas of radio, television, the Internet, call centers, mail delivery, corporate publishing, and direct distribution.

Contact

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 Presse- Druck- und Verlags GmbH
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 +49 821 777-2800

CAT 1	Cold-set web offset	
Workflow	Daily Circulation copies	180000
	Page dimension (mm)	510 x 350
	Page Design	Adobe: Indesign
	Editorial workflow	Newproimage
	Ad-Booking	Alfa Adsuite;Newproimage: Alfa Adsuite
	Pre-flight error check	Enfocus;Onevision: Asura;Acrobat / Distiller;Switch
Pre-Press	Manual Image correction	Adobe;Copro, Zepra, Switch: Indesign
	Auto Image correction	Elipical: Claro
	Color Management	Claro;Proimage: Color server
	Ink Saver	Color server
	Proofing Type	Hard proofing
	Proofing System	own developed: Efi Fiery / Colorproof
Print Process	RIP	Xitron: Harlequin
	Screen Type & LPI	Hybrid: 120
	Total Ink coverage	220
	CTP System	Kodak: Kodak Generation News
	Printing Press	Manroland: Colorman
	Press Geometry	NA
Materials	Press Control	ABB
	Closed Loop System	NA
	Dampening System	Technotrans: Huber
	Color Sequence	CMYK
	Plate Type	Thermal Plate
	Plate	Fuji;Kodak
Materials	Blanket	Flintgroup;Trellborg
	Fountain Agent	Huber: Hydrofix
	Ink	Sun Chemical, Schuite & Schuite
	Newsprint / Paper Type	Virgin & Recycled
	Newsprint Makes	Upm
	Newsprint Variants	NA
Newsprint GSM varieties		

Printing Partners Paal-Beringen

Het Nieuwsblad, Paal-Beringen, Belgium



Coldset Printing Partners is the biggest newspaper printer in Belgium. Beyond the inhouse newspapers (Het Nieuwsblad, De Standaard, Het Belang van Limburg, Gazet van Antwerpen, De Limburger (NL)) we also print De Telegraaf, Luxemburger Wort, the New York Times International Edition, weekly magazines and about 90 free-sheet newspapers for Belgium, The Netherlands and France.

Contact

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Tony Nouwen
Quality Manager
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www.coldsetprintingpartners.be, Printing Partners Paal-Beringen
Industrieweg 147, Poort West-Limburg 2206, 3583 Beringen

CAT 1 Cold-set web offset

Workflow	Daily Circulation copies	224500
	Page dimension (mm)	285 x 405
	Page Design	Eidos: Methode
	Editorial workflow	Agfa arkitex Production client
	Ad-Booking	
	Pre-flight error check	Enfocus: Pitstop
	Manual Image correction	Adobe: Photoshop
Pre-Press	Auto Image correction	Agfa: Arkitex Intellitune
	Color Management	Agfa: Color server
	Ink Saver	Color server
	Proofing Type	Soft proofing
	Proofing System	Agfa
	RIP	Agfa: Harlequin;Sublima
	Screen Type & LPI	Hybrid: 150
Print Process	Total Ink coverage	180
	CTP System	Agfa: Advantage
	Printing Press	KBA: Commander
	Press Geometry	4/2
	Press Control	NA
	Closed Loop System	QI Pressteck
	Dampening System	Technotrans: Flint
Materials	Color Sequence	CMYK
	Plate Type	Chemicalfree
	Plate	Agfa: N95
	Blanket	Contitech: Entropia
	Fountain Agent	Flint: Coldset Fount
	Ink	Huber: Goodnews
	Newsprint / Paper Type	Recycled
Newsprint Makes	Stora Enso	
Newsprint Variants	NA	
Newsprint GSM varieties		

Sakal Media private limited

Sakal, Kolhapur, India



Sakal Media Group (SMG) is the largest independently owned media houses in India. Headquartered in Pune, the educational and cultural capital of the state, the (SMG) serves Marathi and English content to millions of people across and beyond India and has a noticeably strong and impactful presence across Maharashtra and Goa. SMG, publishes "Sakal", a Marathi daily newspaper established since 1932 and has been decorated with numerous awards and accolades during its journey till now. SMG has always leveraged its deep articulated print & online reach in creating social change and impact focused networks , Young Inspiratory Network, Global Inspiratory Network, Delivering Change Forum etc. Through our media we try our best to positively contribute to our society by creating and curating purposeful content for Print, TV and Digital, SMG owns businesses in Publishing, Print and Digital Media, Commercial Printing Services.

Contact

Sanajay Wagle
 GM Production
 595 Budhwar Peth, Pune
 Maharashtra- 411002 India
 productionhead@esakal.com
 020- 24405920

CAT 1 Cold-set web offset

Workflow	Daily Circulation copies	165580
	Page dimension (mm)	327 x 520
	Page Design	Adobe: Indesign
	Editorial workflow	Elite Info Soft-Smartflow
	Ad-Booking	PPI: SAP-IS MEDIA-ADS MANAGER
	Pre-flight error check	Onevision: Asura
	Manual Image correction	Adobe: ADOBE PHOTOSHOP
Pre-Press	Auto Image correction	Amendo: Amendo
	Color Management	GMG: CMS
	Ink Saver	CMS
	Proofing Type	Soft proofing
	Proofing System	NA: NA
Print Process	RIP	Agfa: Harlequin
	Screen Type & LPI	AM: 100
	Total Ink coverage	220
	CTP System	Agfa: Advantage
	Printing Press	Manugraph: Hiline
	Press Geometry	NA
	Press Control	Quadtech;Manucolor
Materials	Closed Loop System	Quadtech
	Dampening System	ANUKUL : Huber;Technova
	Color Sequence	CMYK
	Plate Type	Developer Base
	Plate	Technova: Viostar
	Blanket	Kinyo: Alto Plus
	Fountain Agent	Huber;Technova: Crown Jewel
Materials	Ink	Dic: Newsman
	Newsprint / Paper Type	Virgin
	Newsprint Makes	Emami;Whitebirch
	Newsprint Variants	Soucy;Kondapoga
	Newsprint GSM varieties	

Sakal Media Pvt. LTD.

Sakal, Pune, India



Sakal Media Group (SMG) is the largest independently owned media houses in India. Headquartered in Pune, the educational and cultural capital of the state, the (SMG) serves Marathi and English content to millions of people across and beyond India and has a noticeably strong and impactful presence across Maharashtra and Goa. SMG, publishes "Sakal", a Marathi daily newspaper established since 1932 and has been decorated with numerous awards and accolades during its journey till now. SMG has always leveraged its deep articulated print & online reach in creating social change and impact focused networks , Young Inspiratory Network, Global Inspiratory Network, Delivering Change Forum etc. Through our media we try our best to positively contribute to our society by creating and curating purposeful content for Print, TV and Digital, SMG owns businesses in Publishing, Print and Digital Media, Commercial Printing Services.

Contact

Sanajay Wagle
GM Production
595 Budhwar Peth, Pune
Maharashtra- 411002 India
productionhead@esakal.com
020- 24405920

CAT 1 Cold-set web offset

Workflow	Daily Circulation copies	600000
	Page dimension (mm)	327 x 520
	Page Design	Adobe: Indesign
	Editorial workflow	Elite Info Soft-Smartflow
	Ad-Booking	PPI: SAP-IS Media- ADS Manager
	Pre-flight error check	Onevision: Asura
	Manual Image correction	Adobe: Adobe Photoshop
Pre-Press	Auto Image correction	Amendo: Amendo
	Color Management	GMG: CMS
	Ink Saver	CMS
	Proofing Type	Soft proofing
	Proofing System	NA: NA
	RIP	Agfa: Harlequin
	Screen Type & LPI	AM: 100
Print Process	Total Ink coverage	220
	CTP System	Agfa: Advantage
	Printing Press	Manugraph: Front Line 60
	Press Geometry	NA
	Press Control	Quadtech;Manucolor
	Closed Loop System	Quadtech
	Dampening System	Technotrans: Huber;Technova
Materials	Color Sequence	CMYK
	Plate Type	Developer Base
	Plate	Technova: Viostar
	Blanket	Kinyo: Alto Plus
	Fountain Agent	Huber;Technova: Crown Jewel
	Ink	Dic: Newsman
	Newsprint / Paper Type	Virgin
Newsprint Makes	Emami;Whitebirch	
Newsprint Variants	Soucy;Kondapoga	
Newsprint GSM varieties		

The Mathrubhumi Printing & Publishing Co. Ltd

The Mathrubhumi Daily, Calicut, India



Mathrubhumi born out of relentless passion of freedom fighters K.P.Kesava Menon as Editor and K. MadhavanNair as Managing Director founded in the year 1923. Mahatmaji paid us a rare tribute by visiting our office on January13,1934. Mathrubhumi is one of the front-runners among the Malayalam newspapers. Nine decads on and into 21st century ,we cater to them 15 editions, 11 periodicals, books division,Club FM,Mathrubhumi News Channel ,RedMic event management solutions,CSR initiative and Mathrubhumi Onlie. Mathrubhumi new Calicut plant is spread across 120,000 square feet .We have brand new TKS color Top 5000UDI web offset 4x1 newspaper press.It has speed of 75000 CPH and can produce 32 full page colour.The press is integrated with Ferag mail room . We have TKS HB-5000ED heatset web offset press for printing magazines. In the magazine division, we are using two Primera MC bindery machines from Muller Martini.We are using Krause CTP's for plate making.

Contact

Shahnas IK
Deputy Engineer -Electronics
Mathrubhumi Printing &Publishing
Calicut

CAT 1 Cold-set web offset

Workflow	Daily Circulation copies	155000
	Page dimension (mm)	326 x 520
	Page Design	Adobe: Indesign
	Editorial workflow	PPI
	Ad-Booking	PPI;SAP: MAM
	Pre-flight error check	Onevision: Asura
	Manual Image correction	Adobe: Photoshop
Pre-Press	Ink Saver	GMG: Color server
	Color Management	Color server
	Proofing Type	Soft proofing
	Proofing System	Adobe - Acrobat: NA
	RIP	Xitron: Navigator - Harlequin
Print Process	Screen Type & LPI	AM: 100
	Total Ink coverage	200
	CTP System	Krause: Lsperformance250
	Printing Press	TKS: Color Top 5000UDI
	Press Geometry	4/2
	Press Control	TKS TNPC
	Closed Loop System	QI
Materials	Dampening System	TKS: DIC
	Color Sequence	CMYK
	Plate Type	Developer Base;Photopolymer Plates
	Plate	Technova: Viostar
	Blanket	Kinyo: Kinyo
	Fountain Agent	DIC: Dyna Press AC 261 TLF
	Ink	DIC: DK0205_W/O Coldset
Newsprint / Paper Type	Newsprint Makes	Virgin & Recycled
	Newsprint Variants	Storenso;Resolute;Norske,Kondapoga,Whitebirch,UPM
	Newsprint GSM varities	Kondapoga

The Mathrubhumi Printing & Publishing Co. Ltd

The Mathrubhumi Daily, Kannur, India



Mathrubhumi born out of relentless passion of freedom fighters K.P.Kesava Menon as Editor and K. MadhavanNair as Managing Director founded in the year 1923. Mahatmaji paid us a rare tribute by visiting our office on January13,1934. Mathrubhumi is one of the front-runners among the Malayalam newspapers. Nine decads on and into 21st century ,we cater to them 15 editions, 11 periodicals, books division,Club FM,Mathrubhumi News Channel ,RedMic event management solutions,CSR initiative and Mathrubhumi Onlie. Mathrubhumi new Calicut plant is spread across 120,000 square feet .We have brand new TKS color Top 5000UDI web offset 4x1 newspaper press.It has speed of 75000 CPH and can produce 32 full page colour.The press is integrated with Ferag mail room . We have TKS HB-5000ED heatset web offset press for printing magazines. In the magazine division, we are using two Primera MC bindery machines from Muller Martini.We are using Krause CTP's for plate making.

Contact

Ranjith Kumar K.V
Deputy Engineer -Electronics
Mathrubhumi Printing & Publishing Co. Ltd
Nadal- Edakkad, Kannur-670663

CAT 1 Cold-set web offset

Workflow	Daily Circulation copies	158000
	Page dimension (mm)	326 x 520
	Page Design	Adobe: Indesign
	Editorial workflow	PPI
	Ad-Booking	PPI;SAP: MAM
	Pre-flight error check	Onevision: Asura
	Manual Image correction	Adobe: Photoshop
Pre-Press	Ink Saver	GMG: Color server
	Color Management	Color server
	Proofing Type	Soft proofing
	Proofing System	Adobe - Acrobat: NA
	RIP	Global Graphics: Navigator - Harlequin
Print Process	Screen Type & LPI	AM: 100
	Total Ink coverage	200
	CTP System	Krause: Lsperformance250
	Printing Press	TKS: Color Top 5000UDI
	Press Geometry	3/2
	Press Control	TKS TNPC
	Closed Loop System	TKS TKE
Materials	Dampening System	TKS: DIC
	Color Sequence	CMYK
	Plate Type	Developer Base;Photopolymer Plates
	Plate	Technova: Viostar
	Blanket	Kinyo: Kinyo
	Fountain Agent	DIC: Dyna Press AC 261 TLF
	Ink	DIC: DK0205_W/O Coldset
Newsprint / Paper Type	Virgin & Recycled	
Newsprint Makes	Storonso, Resolute, Norske Skog,Kondopoga, White Birch,Upm	
Newsprint Variants	Kondapoga	
Newsprint GSM varieties		

The Mathrubhumi Printing & Publishing Co. Ltd

The Mathrubhumi Daily, Kochi, India



Mathrubhumi born out of relentless passion of freedom fighters K.P.Kesava Menon as Editor and K. MadhavanNair as Managing Director founded in the year 1923. Mahatmaji paid us a rare tribute by visiting our office on January13,1934. Mathrubhumi is one of the front-runners among the Malayalam newspapers. Nine decads on and into 21st century ,we cater to them 15 editions, 11 periodicals, books division,Club FM,Mathrubhumi News Channel ,RedMic event management solutions,CSR initiative and Mathrubhumi Onlie. Mathrubhumi new Calicut plant is spread across 120,000 square feet .We have brand new TKS color Top 5000UDI web offset 4x1 newspaper press.It has speed of 75000 CPH and can produce 32 full page colour.The press is integrated with Ferag mail room . We have TKS HB-5000ED heatset web offset press for printing magazines. In the magazine division, we are using two Primera MC bindery machines from Muller Martini.We are using Krause CTP's for plate making.

Contact

Rajeev.PV
Senior Manager-Production & Maintenance
The Mathrubhumi Press
X11/13F, Manjummal, Udyogamandal P.O
Floor, Ernakulam -683501

CAT 1 Cold-set web offset

Workflow	Daily Circulation copies	130000
	Page dimension (mm)	326 x 520
	Page Design	Adobe: Indesign
	Editorial workflow	PPI
	Ad-Booking	PPI;SAP: MAM
	Pre-flight error check	Onevision: Asura
	Manual Image correction	Adobe: Photoshop
Pre-Press	Auto Image correction	GMG: Color server
	Color Management	Color server
	Ink Saver	Soft proofing
	Proofing Type	Adobe - Acrobat: NA
	Proofing System	Xitron: Navigator - Harlequin
	RIP	AM: 100
Print Process	Screen Type & LPI	200
	Total Ink coverage	Krause: Lsperformance250
	CTP System	TKS: Color Top 5000UDI
	Printing Press	3/2
	Press Geometry	TKS TNPC
	Press Control	TKS TKE
	Closed Loop System	TKS: DSC
Materials	Dampening System	CMYK
	Color Sequence	Developer Base;Photopolymer Plates
	Plate Type	Technova: Viostar
	Plate	Kinyo: Kinyo
	Blanket	DSC: News Fount Plus 1388
	Fountain Agent	DIC: DK0205_W/O Coldset
	Ink	Virgin & Recycled
Newsprint / Paper Type	Upm;Storenso;Whitebirch;Resolute	
Newsprint Makes	Soucy;Kondapoga	
Newsprint Variants		
Newsprint GSM varities		

The Mathrubhumi Printing & Publishing Co. Ltd

The Mathrubhumi Daily, Palakkad, India



Mathrubhumi born out of relentless passion of freedom fighters K.P.Kesava Menon as Editor and K. MadhavanNair as Managing Director founded in the year 1923. Mahatmaji paid us a rare tribute by visiting our office on January13,1934. Mathrubhumi is one of the front-runners among the Malayalam newspapers. Nine decads on and into 21st century ,we cater to them 15 editions, 11 periodicals, books division,Club FM,Mathrubhumi News Channel ,RedMic event management solutions,CSR initiative and Mathrubhumi Onlie. Mathrubhumi new Calicut plant is spread across 120,000 square feet .We have brand new TKS color Top 5000UDI web offset 4x1 newspaper press.It has speed of 75000 CPH and can produce 32 full page colour.The press is integrated with Ferag mail room . We have TKS HB-5000ED heatset web offset press for printing magazines. In the magazine division, we are using two Primera MC bindery machines from Muller Martini.We are using Krause CTP's for plate making.

Contact

Nishad E.O
Deputy Engineer-Mechanical
The Mathrubhumi Printing & Publishing Co. Ltd
Palakkad

CAT 1 Cold-set web offset

Workflow	Daily Circulation copies	90000
	Page dimension (mm)	326 x 520
	Page Design	Adobe: Indesign
	Editorial workflow	PPI
	Ad-Booking	PPI;SAP: MAM
	Pre-flight error check	Onevision: Asura
	Manual Image correction	Adobe: Photoshop
	Auto Image correction	GMG: Color server
Pre-Press	Ink Saver	Color server
	Proofing Type	Soft proofing
	Proofing System	Adobe - Acrobat: NA
	RIP	Xitron: Navigator - Harlequin
	Screen Type & LPI	AM: 100
	Total Ink coverage	200
Print Process	CTP System	Krause: Lsperformance250
	Printing Press	TKS: Color Top 5000UDI
	Press Geometry	3/2
	Press Control	TKS TNPC
	Closed Loop System	QI
	Dampening System	TKS: DIC
	Color Sequence	CMYK
Materials	Plate Type	Developer Base;Photopolymer Plates
	Plate	Technova: Viostar
	Blanket	Kinyo: Kinyo
	Fountain Agent	DIC: Dyna Press AC 261 TLF
	Ink	DIC: DK0205_W/O Coldset
	Newsprint / Paper Type	Virgin & Recycled
	Newsprint Makes	Kondopoga,Storaenso
Newsprint Variants	Kondapoga	
Newsprint GSM varities		

The Mathrubhumi Printing & Publishing Co. Ltd

The Mathrubhumi Daily, Thrissur, India



Mathrubhumi born out of relentless passion of freedom fighters K.P.Kesava Menon as Editor and K. MadhavanNair as Managing Director founded in the year 1923. Mahatmaji paid us a rare tribute by visiting our office on January13,1934. Mathrubhumi is one of the front-runners among the Malayalam newspapers. Nine decads on and into 21st century ,we cater to them 15 editions, 11 periodicals, books division,Club FM,Mathrubhumi News Channel ,RedMic event management solutions,CSR initiative and Mathrubhumi Onlie. Mathrubhumi new Calicut plant is spread across 120,000 square feet .We have brand new TKS color Top 5000UDI web offset 4x1 newspaper press.It has speed of 75000 CPH and can produce 32 full page colour.The press is integrated with Ferag mail room . We have TKS HB-5000ED heatset web offset press for printing magazines. In the magazine division, we are using two Primera MC bindery machines from Muller Martini.We are using Krause CTP's for plate making.

Contact

Amrithanath.KP
Senior Manager - Production & maintenance
The Mathrubhumi Printing & Publishing Co. Ltd
Thrissur

CAT 1 Cold-set web offset

Workflow	Daily Circulation copies	155000
	Page dimension (mm)	326 x 520
	Page Design	Adobe: Indesign
	Editorial workflow	PPI
	Ad-Booking	PPI;SAP: MAM
	Pre-flight error check	Onevision: Asura
	Manual Image correction	Adobe: Photoshop
Pre-Press	Auto Image correction	GMG: Color server
	Color Management	Color server
	Ink Saver	Soft proofing
	Proofing Type	Adobe - Acrobat: NA
	Proofing System	Global Graphics: Navigator - Harlequin
Print Process	RIP	AM: 100
	Screen Type & LPI	200
	Total Ink coverage	Krause: Lsperformance250
	CTP System	Manugraph: Front Line 60
	Printing Press	4/1
	Press Geometry	Manucolor
	Press Control	Quadtech
Materials	Closed Loop System	INVENTOR GRAPHICS: Technova
	Dampening System	CMYK
	Color Sequence	Developer Base;Photopolymer Plates
	Plate Type	Technova: Viostar
	Plate	Kinyo: Kinyo
	Blanket	Technova: Crown Jewel-SD
	Fountain Agent	DIC
Materials	Ink	Virgin & Recycled
	Newsprint / Paper Type	Upm;Whitebirch;Resolute
	Newsprint Makes	Soucy;Kondapoga
	Newsprint Variants	
	Newsprint GSM varities	

The Mathrubhumi Printing & Publishing Co. Ltd

The Mathrubhumi Daily, Trivandrum, India



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Contact

Akhil.P.Utham
Deputy Engineer
The Mathrubhumi Printing & Publishing Co. Ltd
Trivandrum

CAT 1 Cold-set web offset

Workflow	Daily Circulation copies	140000
	Page dimension (mm)	326 x 520
	Page Design	Adobe: Indesign
	Editorial workflow	PPI
	Ad-Booking	PPI;SAP: MAM
	Pre-flight error check	Onevision: Asura
	Manual Image correction	Adobe: Photoshop
Pre-Press	Auto Image correction	GMG: Color server
	Color Management	Color server
	Ink Saver	Soft proofing
	Proofing Type	Adobe - Acrobat: NA
	Proofing System	Xitron: Navigator - Harlequin
	RIP	AM: 100
Print Process	Screen Type & LPI	200
	Total Ink coverage	Krause: Lsperformance250
	CTP System	TKS: Color Top 5000UDI
	Printing Press	3/2
	Press Geometry	TKS TNPC
	Press Control	TKS TKE
	Closed Loop System	TKS: DIC
Materials	Dampening System	CMYK
	Color Sequence	Developer Base;Photopolymer Plates
	Plate Type	Technova: Viostar
	Plate	Kinyo: Kinyo
	Blanket	DIC: News Fount Plus 1388
	Fountain Agent	DIC: DK0205_W/O Coldset
	Ink	Virgin & Recycled
Newsprint / Paper Type	Upm;Storenso;Whitebirch;Resolute	
Newsprint Makes	Kondapoga	
Newsprint Variants		
Newsprint GSM varities		

THG Publishing Pvt Ltd

The Hindu, Bengaluru, India



The Hindu, started in 1878 as a weekly, became a daily in 1889 and from then on has been steadily growing to the circulation of 15,58,379 copies (ABC: July-December 2012) and a readership of about 22.58 lakhs. The Hindu's independent editorial stand and its reliable and balanced presentation of the news have over the years, won for it the serious attention and regard of the people who matter in India and abroad. The Hindu uses modern facilities for news gathering, page composition and printing. It is printed in seventeen centres including the Main Edition at Chennai (Madras) where the Corporate Office is based. The printing centres at Coimbatore, Bangalore, Hyderabad, Madurai, Noida, Visakhapatnam, Thiruvananthapuram, Kochi, Vijayawada, Mangalore, Tiruchirapalli, Kolkata, Hubli, Mohali, Allahabad and Kozhikode are connected with high speed data lines for news transmission across the country.

CAT 4 printing under own standard conditions or non-standard conditions

Workflow	Daily Circulation copies	
	Page dimension (mm)	330 x 520
	Page Design	Stibo DX – Denmark: CUE Print
	Editorial workflow	Agfa Arkitek
	Ad-Booking	SAP: IS-MAM
Pre-Press	Pre-flight error check	One Vision: ASURA
	Manual Image correction	Adobe: Photoshop CS6
	Auto Image correction	Agfa: Intellitune
	Color Management	NA: NA
	Ink Saver	NA
Print Process	Proofing Type	Soft Proofing
	Proofing System	Agfa-Arkitek 8.0
	RIP	Agfa Grafix rip: Harlequin RIP 9.0
	Screen Type & LPI	AM: 133
	Total Ink coverage	220
Materials	CTP System	Agfa: Advantage N-TR
	Printing Press	Mitsubishi Heavy Industries: Diamond Spirit
	Press Geometry	4/1
	Press Control	MHI
	Closed Loop System	MITSUBISHI D-EYE & QI Press Controls
Materials	Dampening System	Technotrans-USA: NA
	Color Sequence	KCMY
	Plate Type	Developer base
	Plate	Technova: Viostar Plus
	Blanket	Flint Group: Day Graphica MB 8190
	Fountain Agent	NA: NA
	Ink	DIC
	Newsprint / Paper Type	SNP
	Newsprint Makes	Stora Enso & Resolute
	Newsprint Variants	NA
Newsprint GSM varieties		

THG Publishing Pvt Ltd

The Hindu, Coimbatore, India



The Hindu, started in 1878 as a weekly, became a daily in 1889 and from then on has been steadily growing to the circulation of 15,58,379 copies (ABC: July-December 2012) and a readership of about 22.58 lakhs. The Hindu's independent editorial stand and its reliable and balanced presentation of the news have over the years, won for it the serious attention and regard of the people who matter in India and abroad. The Hindu uses modern facilities for news gathering, page composition and printing. It is printed in seventeen centres including the Main Edition at Chennai (Madras) where the Corporate Office is based. The printing centres at Coimbatore, Bangalore, Hyderabad, Madurai, Noida, Visakhapatnam, Thiruvananthapuram, Kochi, Vijayawada, Mangalore, Tiruchirapalli, Kolkata, Hubli, Mohali, Allahabad and Kozhikode are connected with high speed data lines for news transmission across the country.

Contact

P.Mohanraj
General Manager
Production Head
THG Publishing Pvt. Ltd

CAT 4 printing under own standard conditions or non-standard conditions

Workflow	Daily Circulation copies	330 x 520
	Page dimension (mm)	Stibo DX – Denmark: CUE Print
	Page Design	Agfa Arkitex
	Editorial workflow	SAP: IS-MAM
	Ad-Booking	One Vision: ASURA
	Pre-flight error check	Adobe: Photoshop CS6
Pre-Press	Manual Image correction	Agfa: Intellitune
	Auto Image correction	NA: NA
	Ink Saver	NA
	Proofing Type	Soft Proofing
	Proofing System	Agfa-Arkitex 8.0
Print Process	RIP	Agfa Grafix rip: Harlequin RIP 9.0
	Screen Type & LPI	AM: 133
	Total Ink coverage	220
	CTP System	Agfa: Advantage N-SL
	Printing Press	Mitsubishi Heavy Industries: Diamond Spirit
	Press Geometry	4/1
	Press Control	MHI
Materials	Closed Loop System	Quadtech
	Dampening System	Koike – Japan: NA
	Color Sequence	KCMY
	Plate Type	Developer base
	Plate	Technova: Viostar Plus
	Blanket	Flint Group: Day Graphica MB 8190
	Fountain Agent	NA: NA
Materials	Ink	Huber
	Newsprint / Paper Type	SNP
	Newsprint Makes	Stora Enso & Resolute
	Newsprint Variants	NA
	Newsprint GSM varieties	

THG Publishing Pvt Ltd

The Hindu, Hyderabad, India



The Hindu, started in 1878 as a weekly, became a daily in 1889 and from then on has been steadily growing to the circulation of 15,58,379 copies (ABC: July-December 2012) and a readership of about 22.58 lakhs. The Hindu's independent editorial stand and its reliable and balanced presentation of the news have over the years, won for it the serious attention and regard of the people who matter in India and abroad. The Hindu uses modern facilities for news gathering, page composition and printing. It is printed in seventeen centres including the Main Edition at Chennai (Madras) where the Corporate Office is based. The printing centres at Coimbatore, Bangalore, Hyderabad, Madurai, Noida, Visakhapatnam, Thiruvananthapuram, Kochi, Vijayawada, Mangalore, Tiruchirapalli, Kolkata, Hubli, Mohali, Allahabad and Kozhikode are connected with high speed data lines for news transmission across the country.

Contact

P.Mohanraj
General Manager
Production Head
THG Publishing Pvt. Ltd

CAT 4 printing under own standard conditions or non-standard conditions

Workflow	Daily Circulation copies	330 x 520
	Page dimension (mm)	Stibo DX – Denmark: CUE Print
	Page Design	Agfa Arkitex
	Editorial workflow	SAP: IS-MAM
	Ad-Booking	One Vision: ASURA
Pre-Press	Pre-flight error check	Adobe: Photoshop CS6
	Manual Image correction	Agfa: Intellitune
	Auto Image correction	NA: NA
	Color Management	NA
	Ink Saver	Soft Proofing
Print Process	Proofing Type	Agfa-Arkitex 8.0
	Proofing System	Agfa Grafix rip: Harlequin RIP 9.0
	RIP	AM: 133
	Screen Type & LPI	220
	Total Ink coverage	Agfa: Advantage N-SL
Materials	CTP System	Mitsubishi Heavy Industries: Diamond Spirit
	Printing Press	4/1
	Press Geometry	MHI
	Press Control	NIRECO & QI Press Controls
	Closed Loop System	Koike – Japan: NA
Materials	Dampening System	KCMY
	Color Sequence	Developer base
	Plate Type	Technova: Viostar Plus
	Plate	Flint Group: Day Graphica MB 8190
	Blanket	NA: NA
	Fountain Agent	Huber
	Ink	SNP
Newsprint / Paper Type	Stora Enso & Resolute	
Newsprint Makes	NA	
Newsprint Variants		
Newsprint GSM varieties		

THG Publishing Pvt Ltd

The Hindu, Thiruvananthapuram, India



The Hindu, started in 1878 as a weekly, became a daily in 1889 and from then on has been steadily growing to the circulation of 15,58,379 copies (ABC: July-December 2012) and a readership of about 22.58 lakhs. The Hindu's independent editorial stand and its reliable and balanced presentation of the news have over the years, won for it the serious attention and regard of the people who matter in India and abroad. The Hindu uses modern facilities for news gathering, page composition and printing. It is printed in seventeen centres including the Main Edition at Chennai (Madras) where the Corporate Office is based. The printing centres at Coimbatore, Bangalore, Hyderabad, Madurai, Noida, Visakhapatnam, Thiruvananthapuram, Kochi, Vijayawada, Mangalore, Tiruchirapalli, Kolkata, Hubli, Mohali, Allahabad and Kozhikode are connected with high speed data lines for news transmission across the country.

Contact

P.Mohanraj
General Manager
Production Head
THG Publishing Pvt. Ltd

CAT4 printing under own standard conditions or non-standard conditions

Workflow	Daily Circulation copies	330 x 520
	Page dimension (mm)	Stibo DX – Denmark: CUE Print
	Page Design	Agfa Arkitek
	Editorial workflow	SAP: IS-MAM
	Ad-Booking	One Vision: ASURA
	Pre-flight error check	Adobe: Photoshop CS6
Pre-Press	Auto Image correction	Agfa: Intellitune
	Color Management	NA: NA
	Ink Saver	NA
	Proofing Type	Soft Proofing
	Proofing System	Agfa-Arkitek 8.0
	RIP	Arkitek Grafix rip: Harlequin RIP 9.0
Print Process	Screen Type & LPI	AM: 133
	Total Ink coverage	220
	CTP System	Agfa: Advantage N-SL
	Printing Press	Manugraph: Front Line
	Press Geometry	2/1
	Press Control	Manugraph
Materials	Closed Loop System	Quadtech
	Dampening System	Technotrans: NA
	Color Sequence	KCMY
	Plate Type	Developer base
	Plate	Technova: VioStar Plus
	Blanket	Trelleborg: Graffity
Materials	Fountain Agent	NA: NA
	Ink	DIC
	Newsprint / Paper Type	SNP
	Newsprint Makes	Stora Enso & Resolute
	Newsprint Variants	NA
	Newsprint GSM varieties	

Turkuvaz Haberlesme Ve Yay. A.S.

Sabah, Istanbul, Turkey



The main operations of the Turkuvaz Media Group include television & radio broadcasting, newspaper/magazine publishing, newspaper/magazine printing, newspaper/magazine distribution on a national scale. ATV is the major national television station of our Group, also viewed in Europe and other countries. National dailies Sabah, Takvim, FotoMaAŞ and Yeni AsA±r are the prominent trademarks of the Group in the print media. Sabah has left and is leaving its mark on the journalism in Turkey with its courageous, innovative and pioneering identity and quality centered business approach. Shaping the future of Internet journalism. Turkuvaz Printing provides services including preprint work, printing, publishing, distribution and domestic marketing of newspapers, magazines and other publications. As Turkuvaz Media Group, our steps forward are firm and confident toward the goal of becoming the voice of modern Turkey worldwide.

Contact

Mehmet Kamiloglu, GM, mehmet.kamiloglu@sabah.com.tr.
Kemal Erginsoy, Business Development & Quality & PrePress Manager

Turkuvaz Haberlesme ve Yay. A.S

Guzeltepe Mahallesi Maresal Fevzi Cakmak Caddesi B Blok No 29/1/1
Eyupsultan, Istanbul, Turkey, kemal.erginsoy@sabah.com.tr

CAT 3 Heat-set or UV on SC or LWC paper

Workflow	Daily Circulation copies	300000
	Page dimension (mm)	330 x 560
	Page Design	Adobe: Indesign
	Editorial workflow	Agfa Arkitek Production
	Ad-Booking	SAP
	Pre-flight error check	Adobe: Acrobat, Distiller
	Manual Image correction	Indesign
Pre-Press	Auto Image correction	Amendo: Amendo
	Color Management	Agfa, iccprofile: Wan-lfra newspaper icc profile
	Ink Saver	Wan-lfra newspaper icc profile
	Proofing Type	Soft proofing
	Proofing System	Agfa, Adobe Acrobat: EPSON P5000
	RIP	Agfa: Harlequin
	Screen Type & LPI	AM: 120; 150
Print Process	Total Ink coverage	240
	CTP System	Agfa: Advantage
	Printing Press	MAN: Regioman
	Press Geometry	2/1
	Press Control	Pecom
	Closed Loop System	NA
	Dampening System	Baldwin: SCHWEGMANN
Materials	Color Sequence	CMYK
	Plate Type	Chemicalfree
	Plate	Agfa: N95-VCF
	Blanket	Trellborg, VULCAN: Metal back Blanket, ROYAL WEB
	Fountain Agent	SCHWEGMANN: N2200
	Ink	SUN CHEMICAL: SUNONE
	Newsprint / Paper Type	Virgin & Recycled
	Newsprint Makes	Upm; SAPPi
Newsprint Variants	Galerie Lite	
Newsprint GSM varieties		

CLUB MEMBERS

STAR CLUB

MILLENNIUM CLUB:

Color quality club members who been succesful and consistent over the decades and achieved ten star and over in their life time are awarded into the "Millennium club membership". To achieve this previllaged "Millennium Club" membership, it would atleast need two decades of successful completion of color quality club membership or a decade of succesful accomplishment of "WAN-IFRA ISO 12647-3" Certification, that results in making eligible to gain 10 stars.

Heilbronner Stimme GmbH & Co. KG and **Druck Styria GmbH & Co. KG** are the new members into the club after this edition of the contest. Below table lists the seven millennium club members in their life time participation, who have achieved ten or more stars.

No	Company	Publication	Country	Stars
1	Aschendorff Druckzentrum GmbH & Co. KG	Westfälische Nachrichten	Germany	15
2	Masar Printing and Publishing	Al Bayan	UAE	13
3	Delo d.d.	Delo	Slovenia	12
4	St. Galler Tagblatt AG	St. Galler Tagblatt	Switzerland	11
5	Druck Styria GmbH & Co KG	Kleine Zeitung	Austria	10
6	Heilbronner Stimme GmbH & Co. KG	Heilbronner Stimme	Germany	10
7	SDZ Druck und Medien GmbH & Co. KG	Schwäbische Post	Germany	10

STAR CLUB: FIRST TIME

ICQC members with five star and above are awarded with "Elite star club" membership. This edition of color quality club brings seven new star on the rise.

The new star club members in 2022 are below in the table.

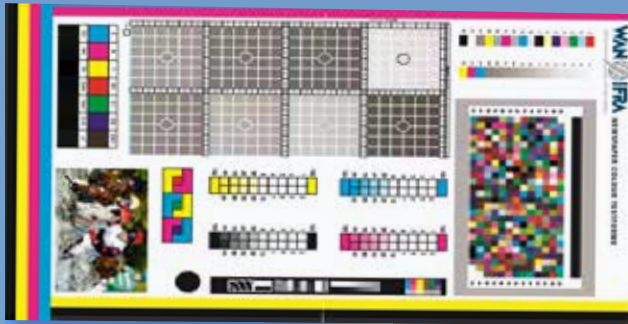
No	Company	Publication	Country	Stars
1	Bennett Coleman & Co Ltd	The Times of India	India	5
2	Bennett Coleman & Co Ltd	The Times of India	India	5
3	Bennett Coleman & Co Ltd	The Times of India	India	5
4	Printing Partners Paal-Beringen	Het Nieuwsblad	Belgium	5
5	The Mathrubhumi Printing & Publishing Co. Ltd.	Mathrubhumi Daily	India	5
6	The Mathrubhumi Printing & Publishing Co. Ltd.	Mathrubhumi Daily	India	5
7	Turkuvaz Haberesme ve Yayincilik A.S	Sabah	Turkey	5

STAR CLUB: ALL TIME MEMBERS

#	COMPANY	PUBLICATIONS	CITY	STARS
1	Aschendorff Druckzentrum GmbH & Co. KG	Westfälische Nachrichten	Germany	15
2	Masar Printing and Publishing	Al Bayan	United Arab Emirates	13
3	Delo d.d.	Delo	Slovenia	12
4	St. Galler Tagblatt AG	St. Galler Tagblatt	Switzerland	11
5	Druck Styria GmbH & Co KG	Kleine Zeitung	Austria	10
6	Heilbronner Stimme GmbH & Co. KG	Heilbronner Stimme	Germany	10
7	SDZ Druck und Medien GmbH & Co. KG	Schwäbische Post	Germany	10
8	ABP Pvt Ltd	The Telegraph	India	9
9	Brune-Mettcker Druck- und Verlags- GmbH	Wilhelmshavener Zeitung	Germany	9
10	Prensa Libre S.A.	El Quetzalteco	Guatemala	9
11	Ringier Print Adligenswil AG	Blick	Switzerland	9
12	ABP Pvt Ltd	AnandaBazar Patrika	India	8
13	Apple Daily Printing Limited	Apple Daily (Hong Kong)	China	8
14	Apple Daily Printing Limited	Apple Daily (Taiwan)	Taiwan	8
15	C.A. El Comercio	El Comercio	Ecuador	8
16	Druckerei Konstanz GmbH	Südkurier	Germany	8
17	Rheinpfalz Verlag und Druckerei GmbH & Co. KG	Die Rheinpfalz	Germany	8
18	Russmedia Verlag GmbH	Vorarlberger Nachrichten	Austria	8
19	Singapore Press Holdings Ltd	The Straits Times	Singapore	8
20	Tamedia AG	Tages-Anzeiger	Switzerland	8
21	Deister- & Weserzeitung Verlagsges.mbH & Co.KG	Deister- und Weserzeitung	Germany	7
22	FAZ -Frankfurter Allgemeine Zeitung GmbH	Frankfurter Allgemeine Zeitung	Germany	7
23	National Zeitung und Basler Nachrichten AG	Coop by Basler Nachrichten	Switzerland	7
24	Presse-Druck- und Verlags-GmbH	Augsburger Allgemeine	Germany	7
25	Printing Partners Paal-Beringen	Het Belang van Limburg	Belgium	7
26	Singapore Press Holdings Ltd	Berita Harian	Singapore	7
27	Singapore Press Holdings Ltd	Lianhe Zaobao	Singapore	7
28	Ungeheuer + Ulmer KG GmbH & Co.	Ludwigsburger Kreiszeitung	Germany	7
29	Alma Manu Oy	Kauppa-lehti	Finland	6
30	Al-Yaum Media House	Al-Yaum Newspaper (Heatset)	Saudi Arabia	6
31	Bennett Coleman & Co Ltd	The Times of India	India	6
32	Bennett Coleman & Co Ltd	The Times of India	India	6
33	Bennett Coleman & Co Ltd	The Times of India	India	6
34	FAZ -Frankfurter Allgemeine Zeitung GmbH	FAZ / Frankfurter Rundschau	Germany	6
35	Freiburger Druck GmbH + Co. KG	Badische Zeitung	Germany	6
36	Jagran Prakashan Ltd	Dainik Jagran	India	6

#	COMPANY	PUBLICATIONS	CITY	STARS
37	Landsprent (Arvakur)	Morgunbladid, IS	Iceland	6
38	Neue Luzerner Zeitung AG	Neue Luzerner Zeitung	Switzerland	6
39	Nordkurier Druck GmbH & Co.KG	Nordkurier	Germany	6
40	Süddeutscher Verlag Zeitungsdruck GmbH	Süddeutsche Zeitung	Deutschland	6
41	The Printers (Mysore) Pvt. Ltd.	vDeccan Herald	India	6
42	Verlag Nürnberger Presse Druckhaus Nürnberg GmbH & Co.	Nürnberger Zeitung	Germany	6
43	Athesia Druck GmbH	Dolomiten	Italy	5
44	Bennett Coleman & Co Ltd	The Times of India	India	5
45	Bennett Coleman & Co Ltd	The Times of India	India	5
46	Bennett Coleman & Co Ltd	The Times of India	India	5
47	Botnia print oy	Keskipohjanmaa	Finland	5
48	Casa Editorial El Tiempo S.A.	El Tiempo Bogotá	Colombia	5
49	CIL Centre D'Impression Lausanne	Le Matin	Suisse / Switzerland	5
50	Druck Carinthia GmbH & Co KG	Kleine Zeitung	Austria	5
51	Druck- und Verlagshaus Frankfurt am Main	Frankfurter Rundschau	Germany	5
52	DZB Druckzentrum Bern AG	Berner Zeitung	Switzerland	5
53	La Voz del Interior S.A.	La Voz del Interior	Argentina	5
54	Main-Echo GmbH & Co. KG	Main Echo	Germany	5
55	Neue Zürcher Zeitung AG	Neue Zürcher Zeitung	Switzerland	5
56	OÖN Druckzentrum GmbH & Co KG	Oberösterreichische Nachrichten	Austria	5
57	Pressehaus Stuttgart Druck GmbH	Stuttgarter Zeitung	Germany	5
58	Printing Partners Paal-Beringen	Gazet van Antwerpen	Belgium	5
59	Printing Partners Paal-Beringen	Het Nieuwsblad	Belgium	5
60	Saarbrücker Zeitung Verlag und Druckerei GmbH	Saarbrücker Zeitung	Germany	5
61	The Mathrubhumi Printing & Publishing Co Ltd	Mathrubhumi Daily	India	5
62	The Mathrubhumi Printing & Publishing Co Ltd	Mathrubhumi Daily	India	5
63	The New York Times Company	The New York Times	USA	5
64	The Printers (Mysore) Pvt. Ltd.	Prajavani	India	5
65	Turkuvaz gazete dergi basim a.s	SABAH	Turkey	5
66	United Printing & Publishing	Al Ittihad	United Arab Emirates	5
67	United Printing & Publishing	The National	United Arab Emirates	5
68	Verlag Nürnberger Presse Druckhaus Nürnberg GmbH & Co.	Nürnberger Nachrichten	Germany	5
69	V-Tab AB	VLT	Sweden	5

RESEARCH & MATERIAL TESTING CENTRE



CERTIFICATIONS & AUDITS:

- ▣ ISO 12647-3 Certification & Audit
- ▣ ISO 2846-2 conformance & Ink Mileage test
- ▣ ISO 9001, ISO 14001 Certifications

PROJECTS AND SERVICES:

- ▣ Benchmarking the production KPI's
- ▣ Print Quality Evaluation & Audit
- ▣ Quality Evaluation Service
- ▣ General Print Quality (GPQ)



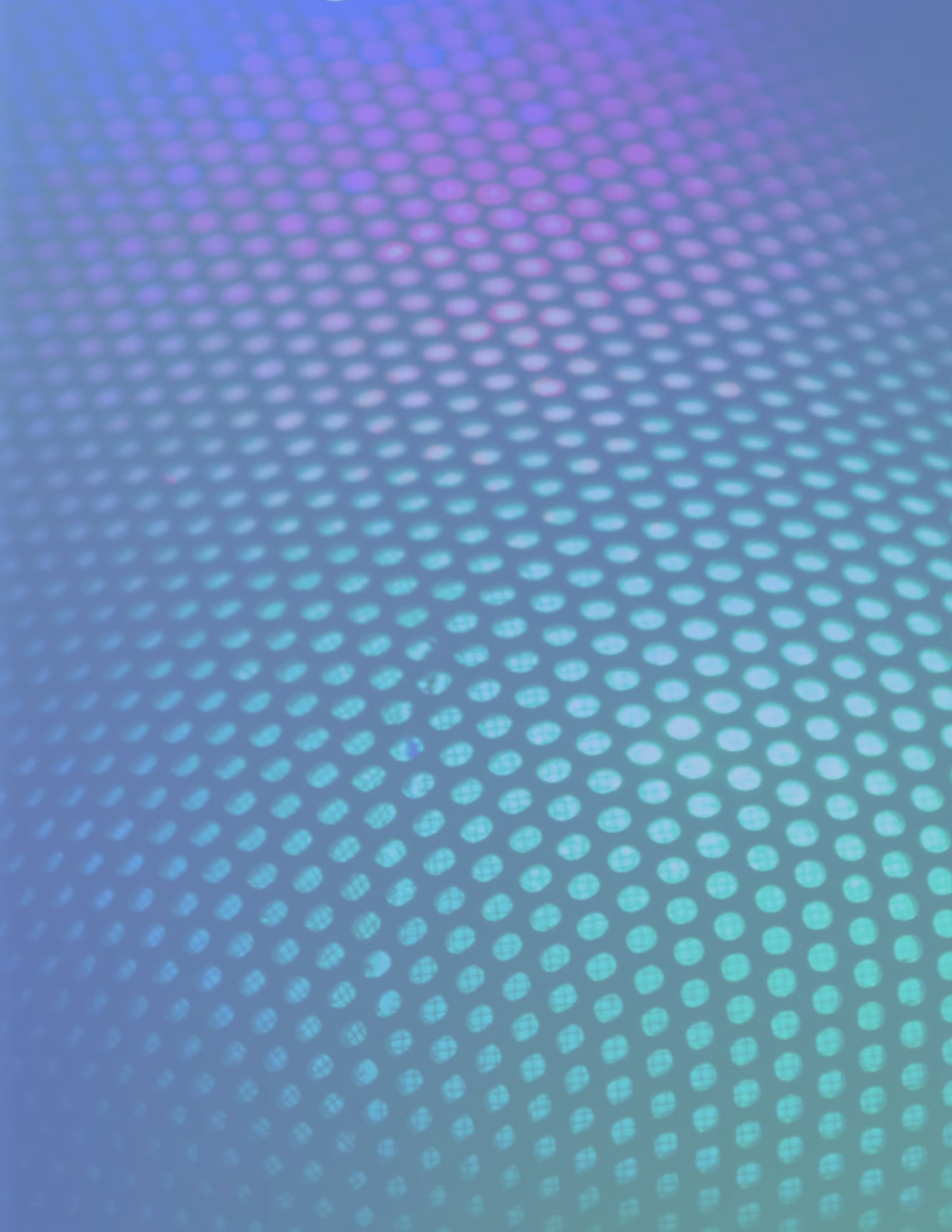
TECHNICAL WORKSHOPS:

- ▣ Benchmarking newspaper KPI
- ▣ Densitometry & Colorimetry
- ▣ Pressmen workshop
- ▣ Best practices in color correction - hands on training in photoshop

OTHER KEY SERVICES

- ▣ Pre-press & Press consultation
- ▣ Custom technical training





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