HORIZON

• *Automation* • *Technologies* • *Opportunities*

Witness regi_star 20- the rising star
on "THEA AR-360" the new economical ELS Gravure Press by Kohli Industries

BST eltromat India, in association with **Kohli Industries** are presenting an exclusive demo of the world's best register control system "regi_star 20" on "THEA AR-360" the new economical ELS Gravure Press introduced by Kohli Industries. To explore more, kindly visit:

Kohli Industries: F-88, MIDC, Anand Nagar, Ambernath, Thane- 421 506, near Mumbai. India.
on 1st & 2nd Sept. 2015.

About THEA AR-360:
- **Type of drive:** Electronic line shaft (ELS)
- **Web width:** 1300 mm.
- **No. of colours:** 9
- **Max. Printing speed:** 300 m/min.
- **Powered by:**
a. BST eltromat regi_star 20 (Register Control)
b. BST eltromat SuperHandy Scan 4000 (Web Video system)
c. BST eltromat Web Guiding Systems

Salient features:
- Shaft-less mounting of hollow gravure printing cylinders
- Light-weight ink trolleys with ink circulation pumps
- Ink conditioning and temperature control system
- Closed loop drying system with complete heat re-circulation
- Explosion proof anti-static bars at each print station
- Web turning bar for registered printing or coating on reverse side
- Non-registered coating by a single cylinder for all print repeats
- Unwind & rewind splicing at maximum production speed.

Don't settle for ordinary...
Insist on regi_star 20 for your new press!

- 1 pixel camera for safe detection of very low contrast marks. e.g. cold seal, metalized ink, lacquer, etc.
- Max web speed 1200 m/min.
- Real-time live picture display of register marks
- Considerable reduction in set-up times & waste
- High register accuracy & consistency at all speeds
- Measuring resolution: ± 5 μm
- Fastest register correction during speed change & splice
- Quick pre-register for minimum waste during make-ready & changeover

Your benefits at a glance:
- Quick to print, minimizing waste
- Ensuring print projects of high quality
- Increasing customer satisfaction
- Increasing productivity & reducing costs

Super technology for precise web viewing:
SUPER HANDYScan 4000!

- Position memory for 16 positions and gallery function
- Scan function (based on positions, complete repeat and combined)
- Multi-function split screen
- Electronic 180° image rotation
- Pincushion compensation (avoidance of pincushion or barrel distortion)
- 180° image rotation for matching to the web running direction
- Quick Zoom function with storage options

Your benefits at a glance:
- Complete system for numerous inspection requirements
- Excellent quality and exact, distortion-free image display
- Virtual Repeat function for easy navigation across the web

BST eltromat
INDIA

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• Web Guide • Tension Control • Web Video Inspection • 100% Inspection • 100% Surface Inspection
• Color Measurement • Register Control • Density & Thickness Measurement • Process Automation