INNOVATIONS AND TRENDS FOR SHORTER PRINT RUNS AND FAST TURNAROUND

KOENIG & BAUER DURST DELTA SPC130

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WHAT ARE WE COVERING TODAY?

- Koenig & Bauer Durst solutions for corrugated converters
- Innovations on the Delta SPC 130 corrugated press to exceed the market needs
KOENIG & BAUER DURST PORTFOLIO FOR CORRUGATED PACKAGING

Industrial Solutions for runs lengths from One to Millions
KOENIG & BAUER DURST SPC 130 INNOVATIONS TO EXCEED THE MARKET NEEDS

- Automation / Productivity Improvements
- New Water based ink for food security and gamut extension
- New applications with SPC Digital Primer
PRIMARY FOOD PACKAGING WATER BASED INKS

With ~70% of corrugated packaging in the food and beverage segment, ink safety is critical

Koenig & Bauer Durst Primary Food Water Based Inks

- SQTS-certified
- GMP production
- Swiss Ordinance
- Nestlé-compliant
- EuPIA

- Continual new ink development to stay ahead of regulatory compliance curve
DIGITAL PRIMER PROJECT

Non impact fluid transfer – a major advantage especially for corrugated board

- Inkjet Primer Process:
  - Even amount of fluid – even partially
  - Stiff / Soft

Benefits of digital priming:
- Even amount of fluid
- No flute deformation due to non contact
- Spot pre-coating possible
  - Single QR / Barcodes
  - Images
  - Negative text
- No impact to glue flaps
- Flying job change
- Low variable cost / long lasting inkjet heads
- Ink cost and board cost reduction
DIGITAL PRIMER
Some examples – uncoated media

- Incl. Digital Primer
- Current – by customer accepted – quality without Digital Primer
- New effects possible – allows print embellishment on corrugated board
DIGITAL PRIMER

Some more examples – open flute

Partially with Digital Primer

Part without primer

New effects possible – allows print embellishment on corrugated board
SUMMARY

DELTA SPC 130 Innovations

- Automation features to ensure high productivity integrated into existing customer workflows.

- Water based inks to ensure food safety compliance for primary packaging and gamut extension.

- Digital Primer for special effects, cost reduction and image quality enhancement.
KOENIG & BAUER DURST PORTFOLIO FOR CORRUGATED PACKAGING

Industrial Solutions for runs lengths from One to Millions

Delta WT 250
DELTA SPC 130
CorruJET 170
CorruCUT Flexo with Rotary Diecutter
RHO 2500

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