

KOENIG & BAUER

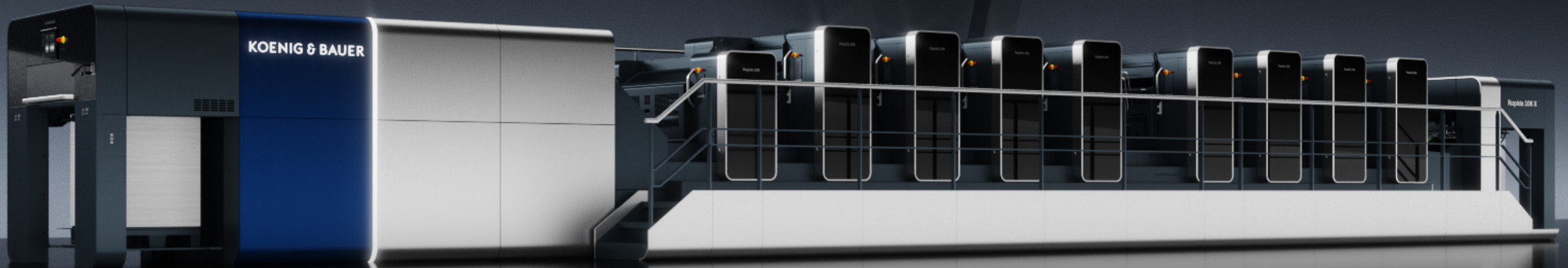
Koenig & Bauer 2021 and Beyond

PPC Associate Member Showcase

Walter Chmura, VP of Technical Sales



we're on it.

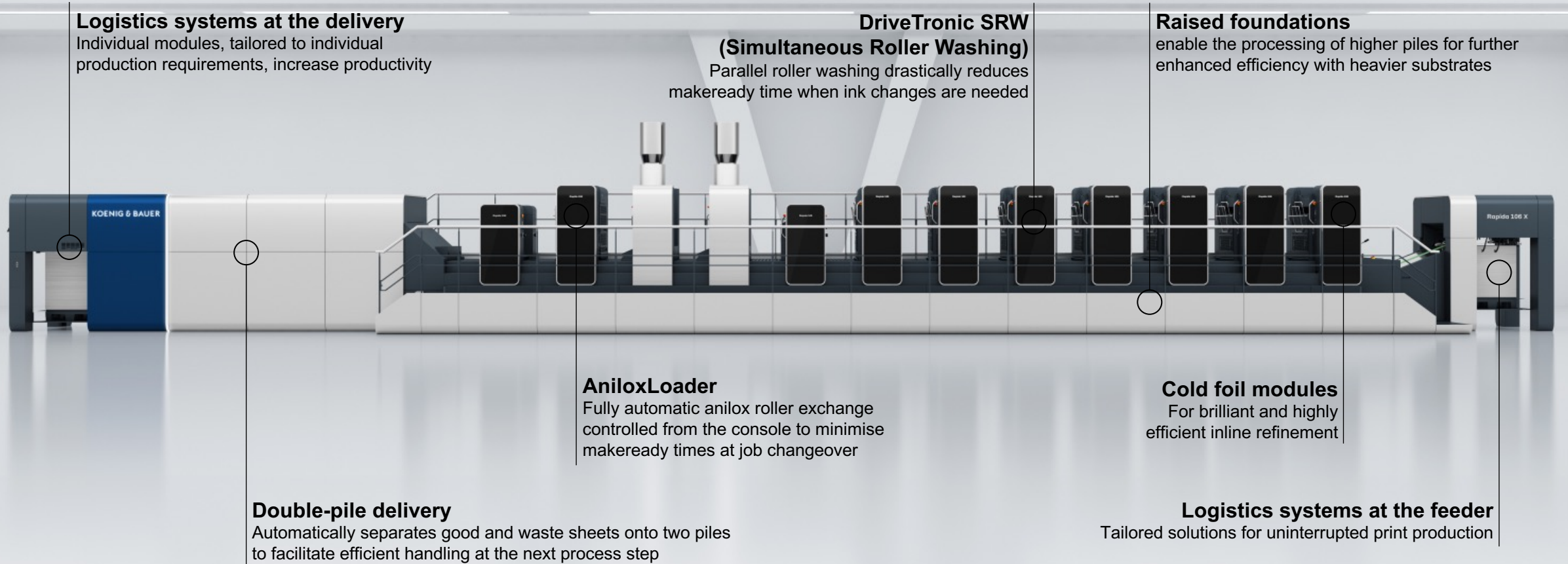


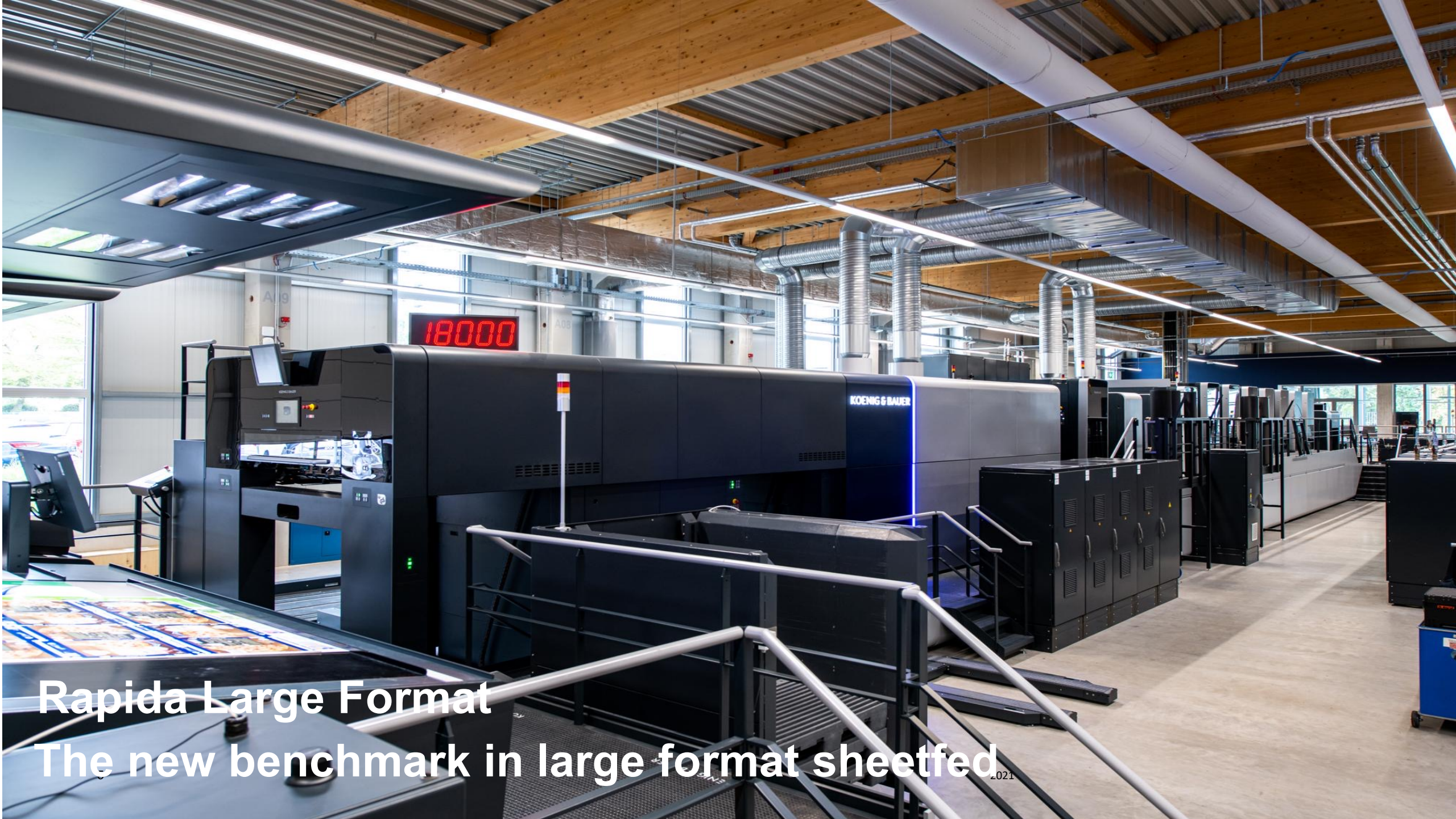
Rapida 106X

The new benchmark in medium format sheetfed

Rapida 106 X

The new benchmark in packaging printing





18000

KOENIG & BAUER

Rapida Large Format
The new benchmark in large format sheetfed

L.021

Rapida 145 / 164

The new benchmark in packaging printing



7 QualiTronic PDF HighRes

- 100 % inline comparison against the approved customer PDF even at maximum production speed

5 Coating unit AniSleeve

- Safe storage of anilox roller sleeves and easy roller exchange
- Fastest anilox roller exchange in large format: < 2 min

3 Disengaging of inking units

- No need to apply and wash down roller paste
- Each inking unit can be engaged or disengaged individually

1 Non-stop feeder

- Single rods for manual non-stop operation as a standard feature
- Fully automatic non-stop operation with logistics connection as an option
- Simple handling for pile changes at full production speed

8 Non-stop delivery

- Automatically extended non-stop roller rack with facility for lowering for uninterrupted production
- Pile changes at full production speed

6 Automated coating forme change

- Tool-free coating forme change as a standard feature
- Minimal makeready time of 1:40 min

4 Sheet guide plates

- Venturi sheet guide plates for marking- and scratch-free production

2 DriveTronic SIS

- Exact sheet alignment placing a minimum of stress on the substrate
- Control via the ErgoTronic console eliminates manual settings and operator intervention

Placing a focus on your success



Extraordinary performance through maximum automation at all stages of the print process



Excellent print quality sustained by market-leading colour measuring and control systems



Extremely fast makeready supported by a diversity of autonomous processes



Maximum flexibility in terms of configurations and options, perfectly tailored to your individual needs



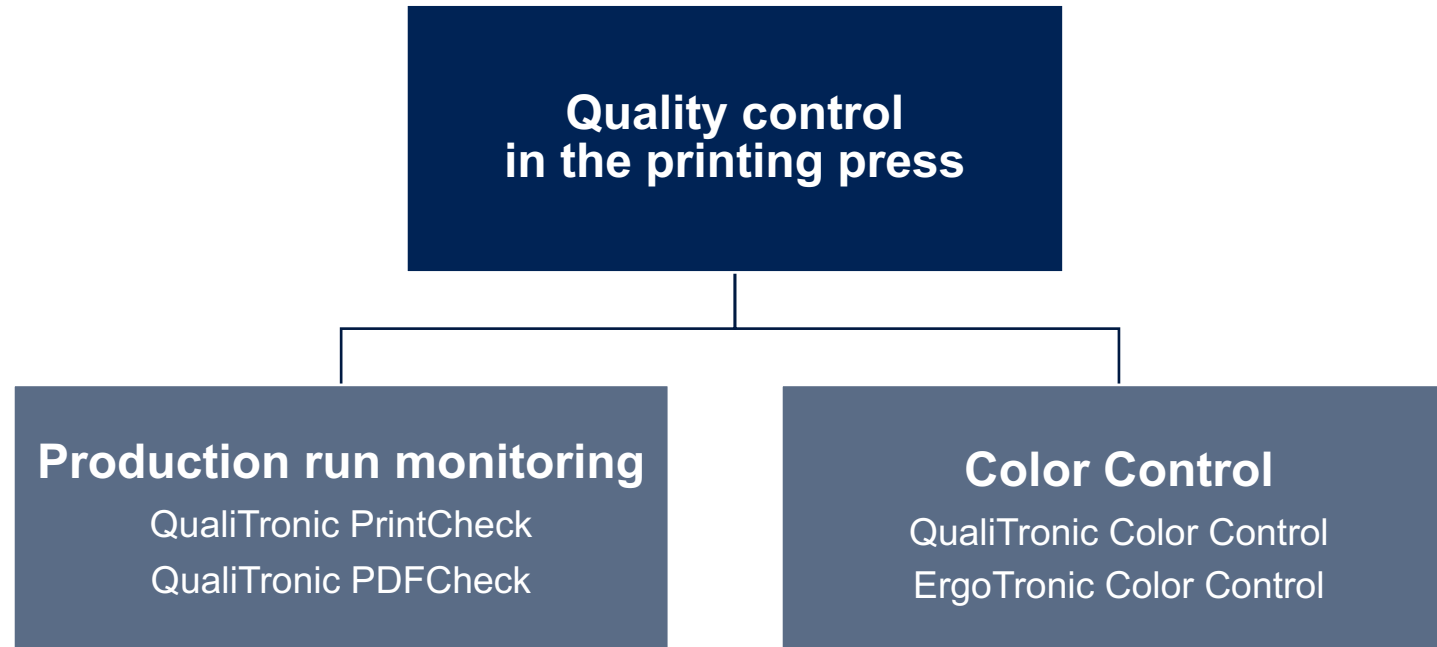
Significantly reduced waste thanks to comprehensive preset functions



Ultimate ease of operation based on a modern operating concept and intuitive user interface

Quality control

Solutions from Koenig & Bauer



QualiTronic Systems

For constantly high print quality

- The extremely fast colour control system provides for excellent print quality and reduces waste to an absolute minimum
- Inline colour measurement for every single sheet, with necessary correction commands issued after every 10 sheets
- Options for sheet inspection and content monitoring:
 - QualiTronic PrintCheck compares the printed sheets with a reference sheet
 - QualiTronic PDFCheck compares each printed sheet with the original PDF
 - QualiTronic PDFHighRes inspects each printed sheet at a high resolution for comparison with the PDF



Double-pile delivery



1 Waste pile

2 Waste-free production pile

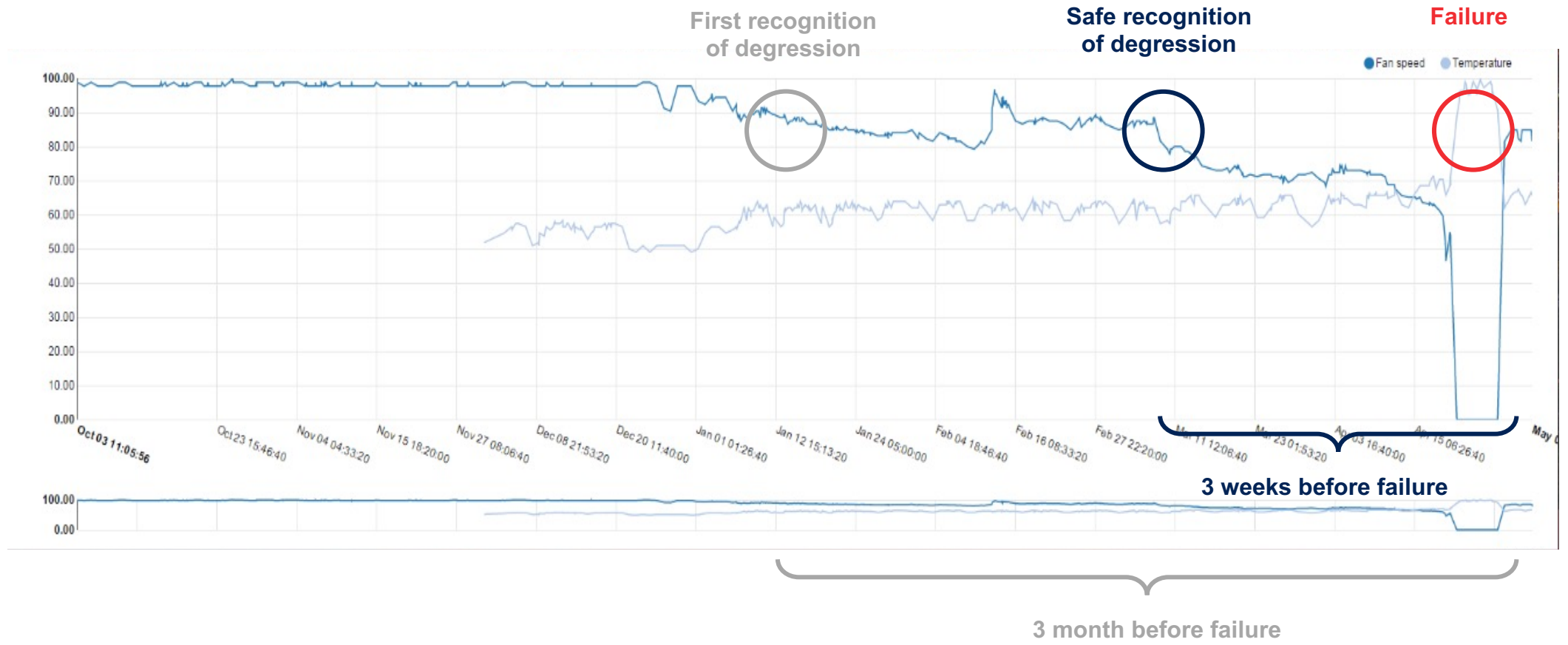
- AirTronic delivery with an additional pile for further **automation and optimization of the production process**, especially in folding carton production
- Segregation of waste at **speeds up to 20,000 sph**
- Deliberate creation of a gap in the sheet stream for insertion and withdrawal of the non-stop rollers maximises **process reliability for non-stop pile changes at maximum production speed**
- **Direct further processing** on the die-cutter or laminating machine
- Both piles can be integrated into a **pile logistics system**

Industrial Data Analytics



IoT Based Service Process – Prevents Unplanned Asset Down-Time

Predictive Analytics – Illustration



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**VariJET 106 – the 41 inch
digital folding carton solution**

VariJET 106



VariJET 106

Portfolio

Market

- Folding Carton

Target Group

- Folding carton converter
- Pharmaceutical industry
- Cosmetics industry
- Tobacco industry
- Food/ nonfood industry

Substrates

- Board 0,2 – 0,8 mm (8pt - 32pt)

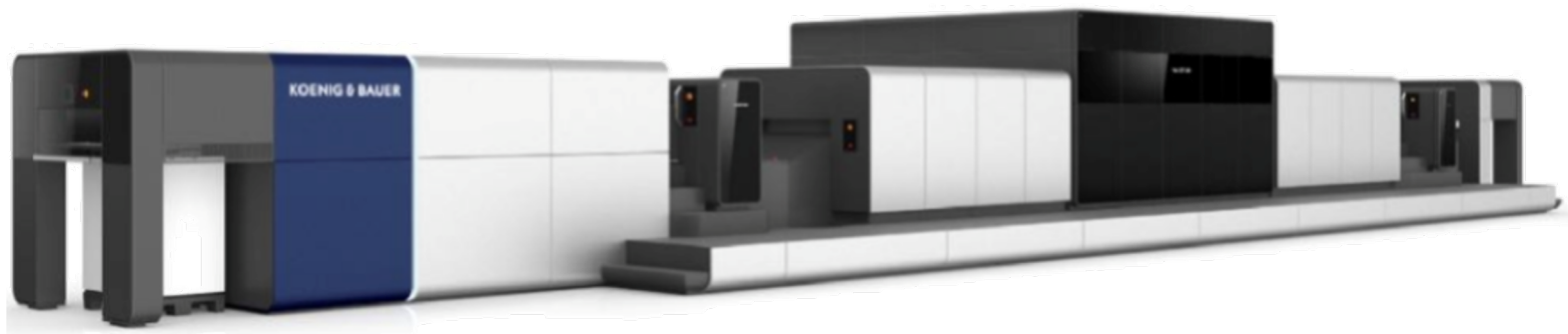
Technology

Modular digital sheetfed press system

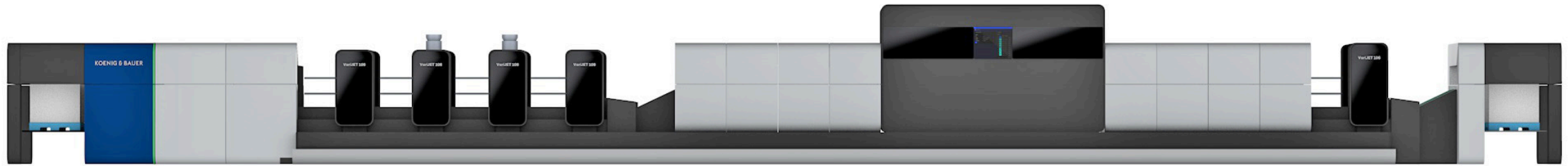
- Based on Koenig & Bauer Rapida 106 Platform
- Upgradeable with hybrid Rapida components:
 - Varnish
 - Foiling options
 - Finishing options
 - Offset units

Inkjet

- Waterbased single pass inkjet system
7 colors

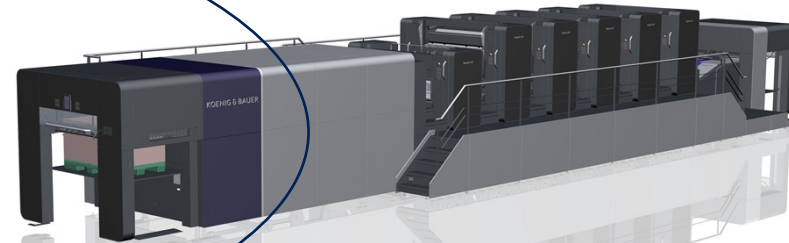
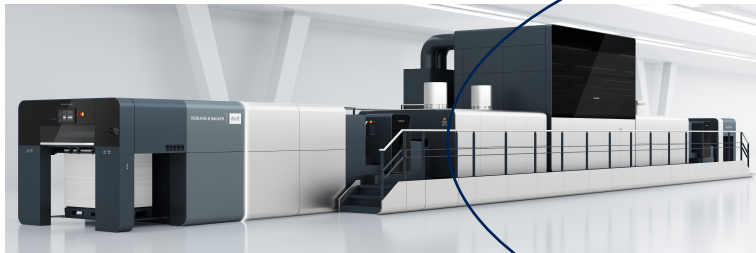


Double coater - Concept



Positioning VariJET

Rapida106 and VariJET106 – the real complementary folding carton printing solution



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500

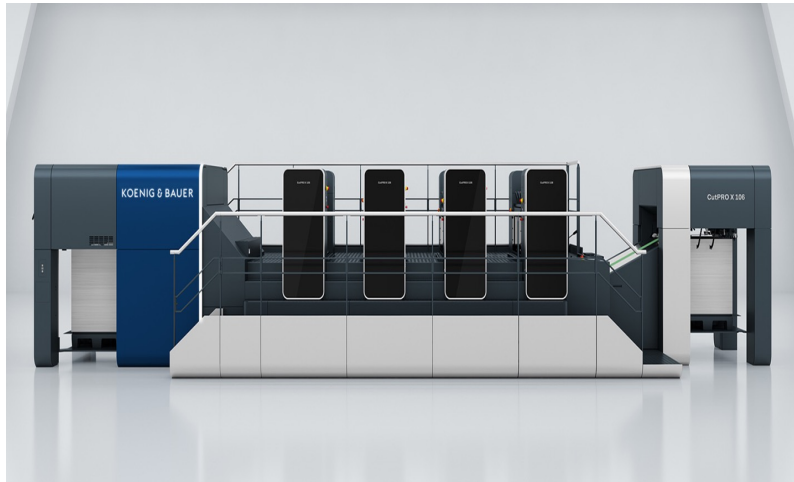
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Bogen pro Job

Koenig & Bauer completes your carton production with Post Press solutions

- CutPRO X rotary die cutter with full blanking and speeds up to 15,000
- Customizable configuration
- CutPRO Q 106 SB is a completely new design with Cut2Print register and “Magic Carpet” sword less system
- Allpro 110 Folder Gluer is the most versatile gluer on the market.
- Available with 4&6 corner, Airfold and Turnpro for all types of cartons.



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Thank you and Questions....

we're on it.