

KOENIG & BAUER

Koenig & Bauer – the future-proof partner
for your business

Print Promotion Tour 2019

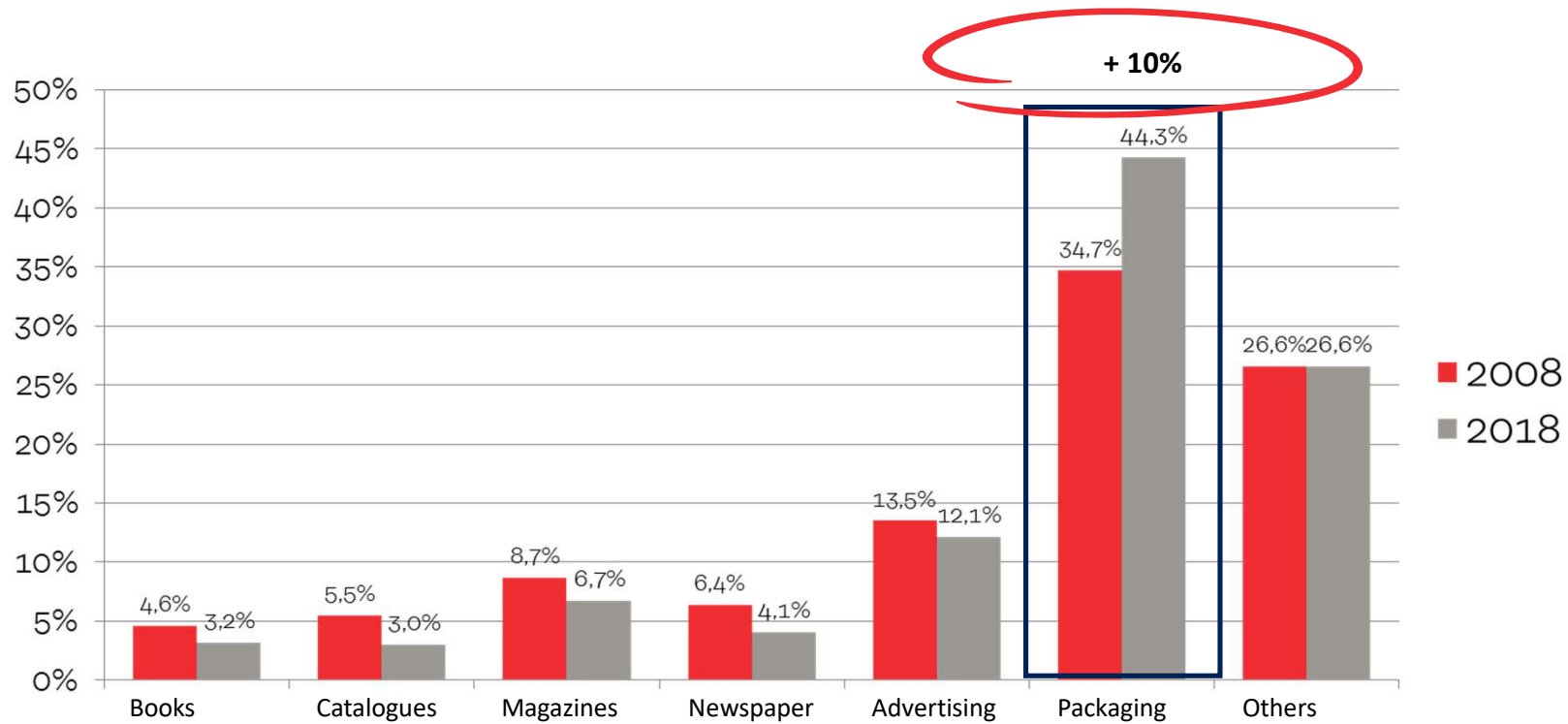
we're on it.

Change is characterising the printing industry

- Media transformation: Internet, smartphones and readers mean reduced print volumes for newspaper, magazine, catalogue and book printers
- A growing world population is consuming more – accordingly, there is more packaging
- Increased affluence in former third-world countries means more hygiene regulations relating to foods and thus more packaging
- More single-person households means smaller and more diverse packaging units
- Packaging for the point of sale is becoming more and more sophisticated and individual

Worldwide print market by products

2008-2018 (turnover values)



The Future of Global Printing to 2018 - PIRA



We are the leading partner of the printing and packaging industry.

We set cross-industry standards for **customer orientation, innovative solutions and proactive services.**

Ralf Sammeck,

CEO Koenig & Bauer Sheetfed AG & Co. KG,
Member of the Executive Board Koenig & Bauer AG

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One-Stop-Shop packaging solutions

Printing technologies

Offset: **Rapida family**

Cutting-edge technology for top performance

ErgoTronic
AutoRun

Rapida
LiveApps

DriveTronic SFC

DriveTronic SIS

DriveTronic
Feeder

Dynamic sheet brake

QualiTronic
Measuring technology

DriveTronic SPC
(all printing units)



Flexo: CorruFLEX

High-quality flexo postprint on corrugated board

Zero defect features by sheet and waste inspection systems

Maximum production speed of 14.000 sheets/ hour

DriveTronic shaftless drives for setup while running



Industry 4.0 ready und compatible

Corrugated sheets with a width of up to 2,800 mm and a thickness of 9 mm

Increased performance of up to 20% in feeds per open hour compared to competitor machines

Flexo: CorruCUT

High board flexo line with rotary die-cutter



High Board Line open architecture

Maximum machine reliability and extreme durability

DriveTronic shaftless drives for setup while running

Maximum production speed of 12.000 sheets/ hour

Corrugated sheets with a width of up to 2,800 mm and a thickness of 9 mm

All technical features required for the highest flexo printing quality

Flexo: **EVO XC**

Customised added value for flexible packaging

One of the smallest footprints
in the industry

Iconic user-oriented
machine design and
smart HMI



Sustainable energy-saving
package

Outstanding printing quality at
reduced investment costs

High performance and
fast job changeovers

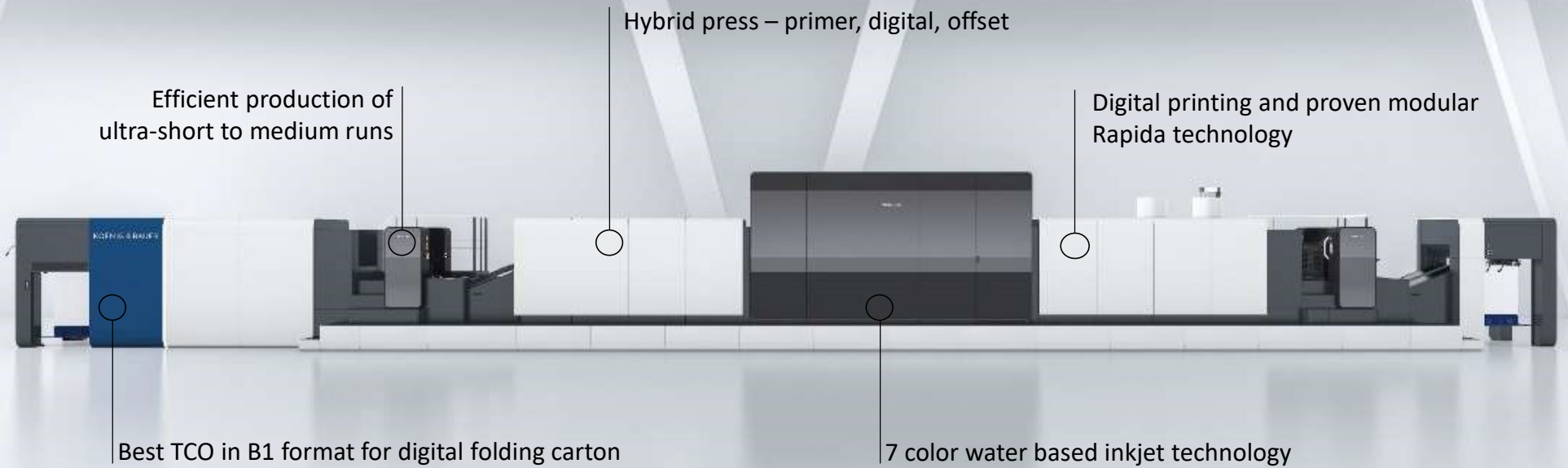
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One-Stop-Shop packaging solutions

Digital printing technologies

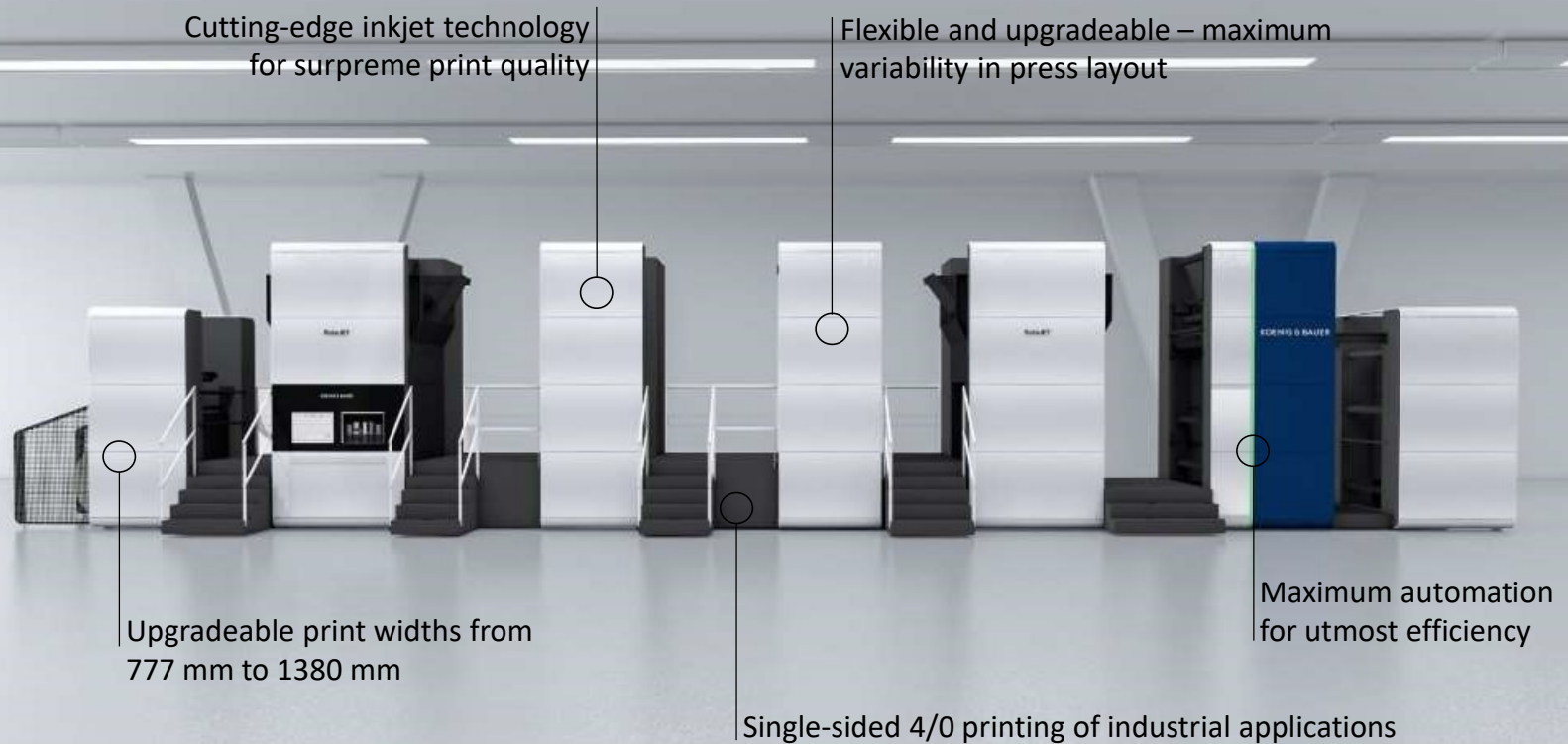
Inkjet: VariJET 106

Digital sheetfed offset for folding carton



Inkjet: RotaJET-L Industrial

Industrial digital printing for decor and packaging



Inkjet: CorruJET

Digital direct printing on corrugated board

Latest technologies and functionalities combined with simple and intuitive handling

Corrugated board with a width of up to 2,100 mm and up to a thickness of 8 mm

Based upon extensive experience with digital web press RotaJET



Maximum production speed of 6,000 sheets/hour

Modular design for four colours (prepared for seven colours)

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One-Stop-Shop packaging solutions

PostPress: Die-cutters

Strategic focus on growth markets

Rotary die-cutter



Flatbed die-cutters



Folder gluers



Our target: Strengthen packaging production activities with products made in Europe

Koenig & Bauer die-cutting solutions

Flatbed die-cutters

Medium format

Optima 106
Optima 106 K
Ipress 106
Ipress 106 K PRO

Large format

IPress 144
IPress 144 K

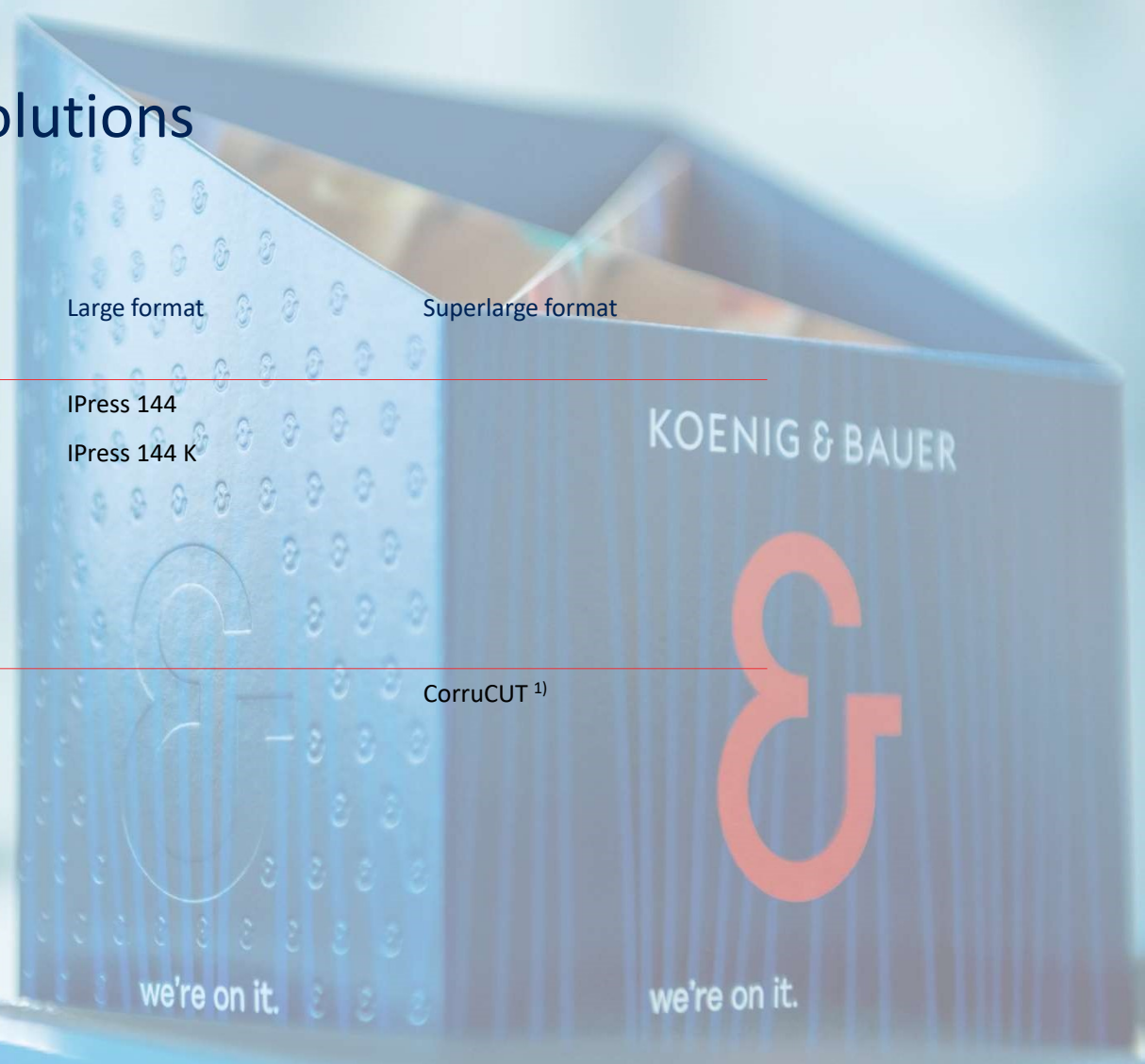
Superlarge format

Rotary die-cutters

Rapida RDC 106

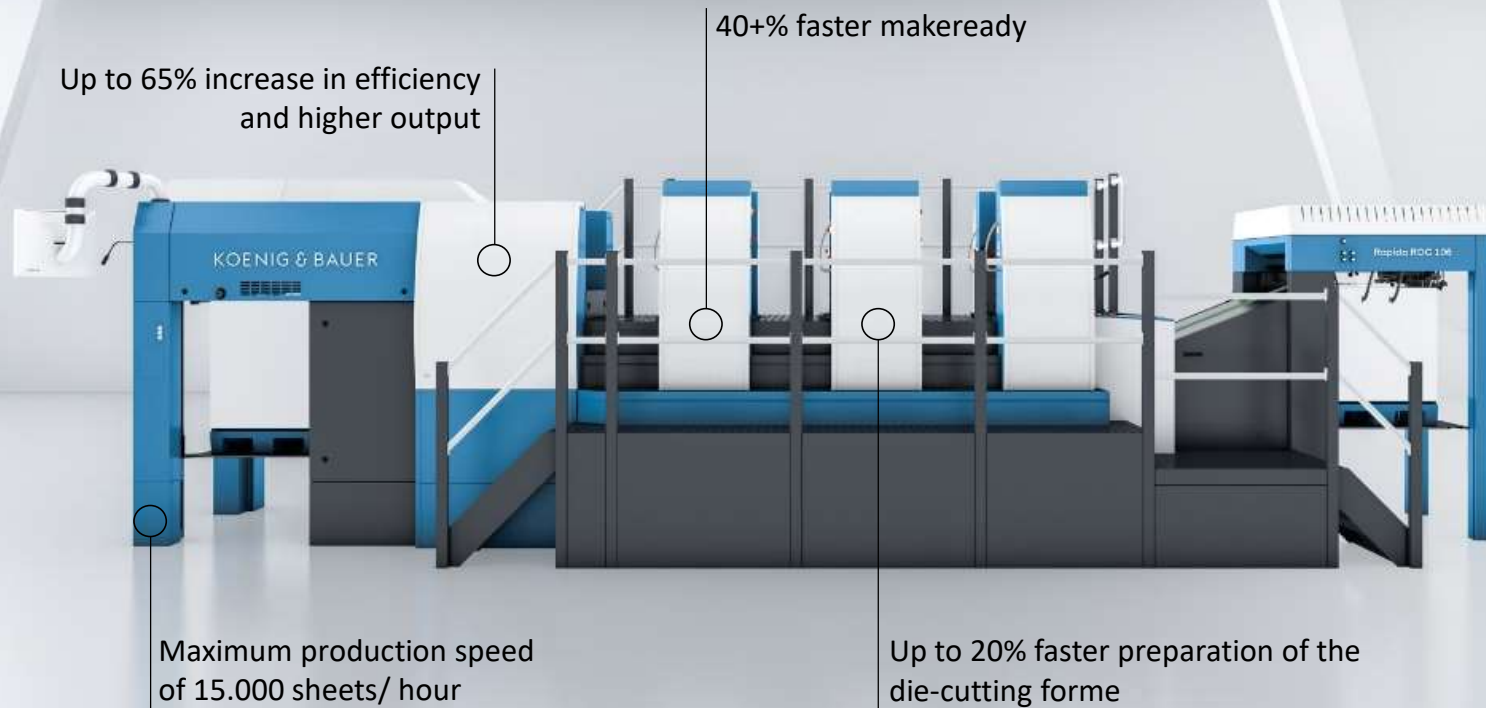
CorruCUT¹⁾

1) Corrugated board application



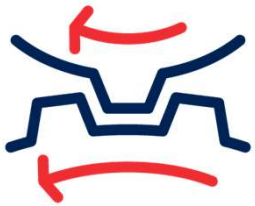
Rapida RDC 106 – the game changer

High performance in rotary die-cutting

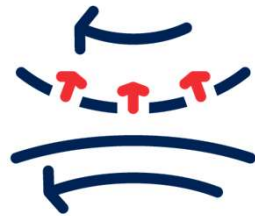


All values compared to flatbed die-cutters

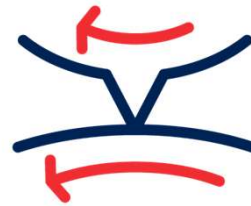
Available processes



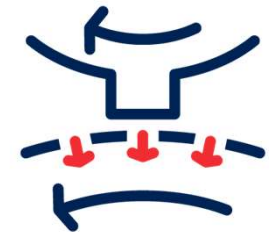
Creasing / Embossing



Hole punching / Extraction



Die-cutting / Scoring



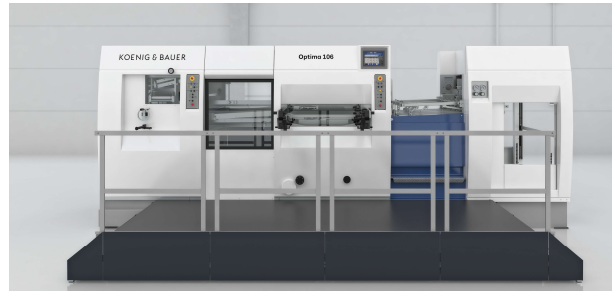
Stripping

Flatbed die-cutters – product portfolio

Ipress 106



Optima 106



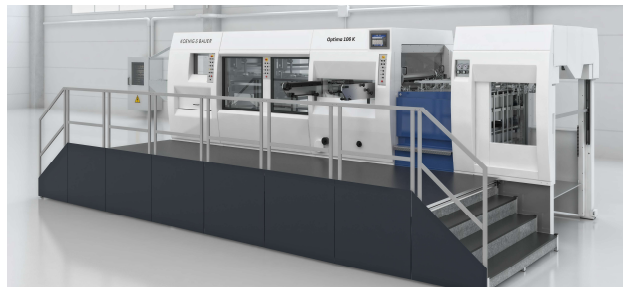
Ipress 144



Ipress 106 K PRO



Optima 106 K



Ipress 144 K



Die-cutter: Ipress 106 K PRO

High automation in flatbed die-cutting

Maximum flexibility, modern automation modules and high handling comfort

Blanking section removes the process of manual stripping

High performance Koenig & Bauer Rapida feeder for quicker set-up and automation



Wide range of substrates: solid board to max. 1.5 mm and corrugated up to 3 mm

Optical Printed Mark Register for a perfect register of the die-cut sheet

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One-Stop-Shop packaging solutions

Postpress: Folder Gluers

The suitable solution for every application

Omega **Intro** – The perfect starter line

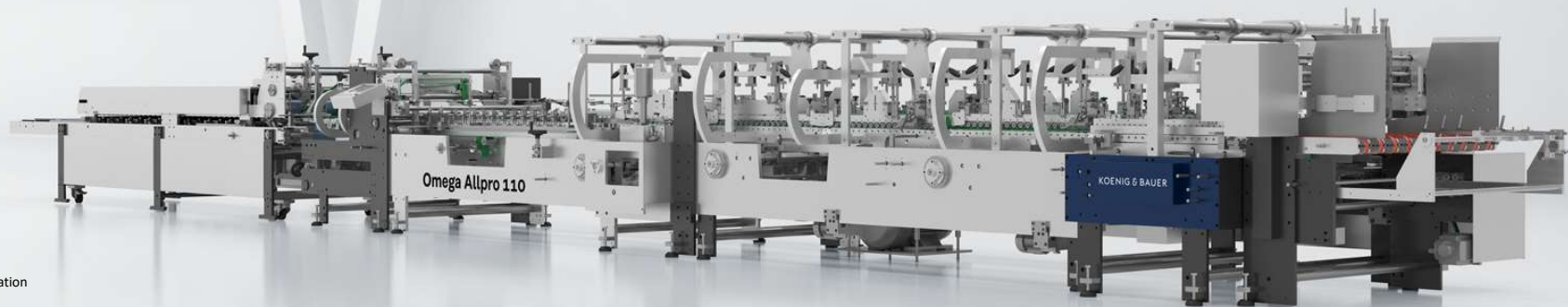
Omega **Allpro** - The most versatile folder gluer series in the world

Omega **Alius** - Game changer in versatility and auto-mation for top performance in high speed production

Omega **Magnus** - A sturdy and top of the line specialty folder gluer line for corrugated

Largest folder gluer portfolio in the industry

| Folder gluers | 35 – 55 – 70 ¹⁾ | 80 – 90 – 110 ¹⁾ | 130 – 145 – 165 ¹⁾ | 170 – 210 – 230 ¹⁾ |
|-----------------|----------------------------|-----------------------------|--------------------------------|-------------------------------|
| OMEGA Allpro 35 | OMEGA Intro 80 | OMEGA Intro 145 | OMEGA Allpro 185 | |
| OMEGA Allpro 55 | OMEGA Intro 110 | OMEGA Intro 165 | | |
| OMEGA Allpro 70 | OMEGA Allpro 90 | OMEGA Allpro 130 | OMEGA Magnus 210 ²⁾ | |
| DURAN Alius 70 | OMEGA Allpro 110 | OMEGA Allpro 145 | OMEGA Magnus 230 ²⁾ | |
| | DURAN Alius 90 | OMEGA Allpro 165 | | |
| | DURAN Alius 110 | | | |

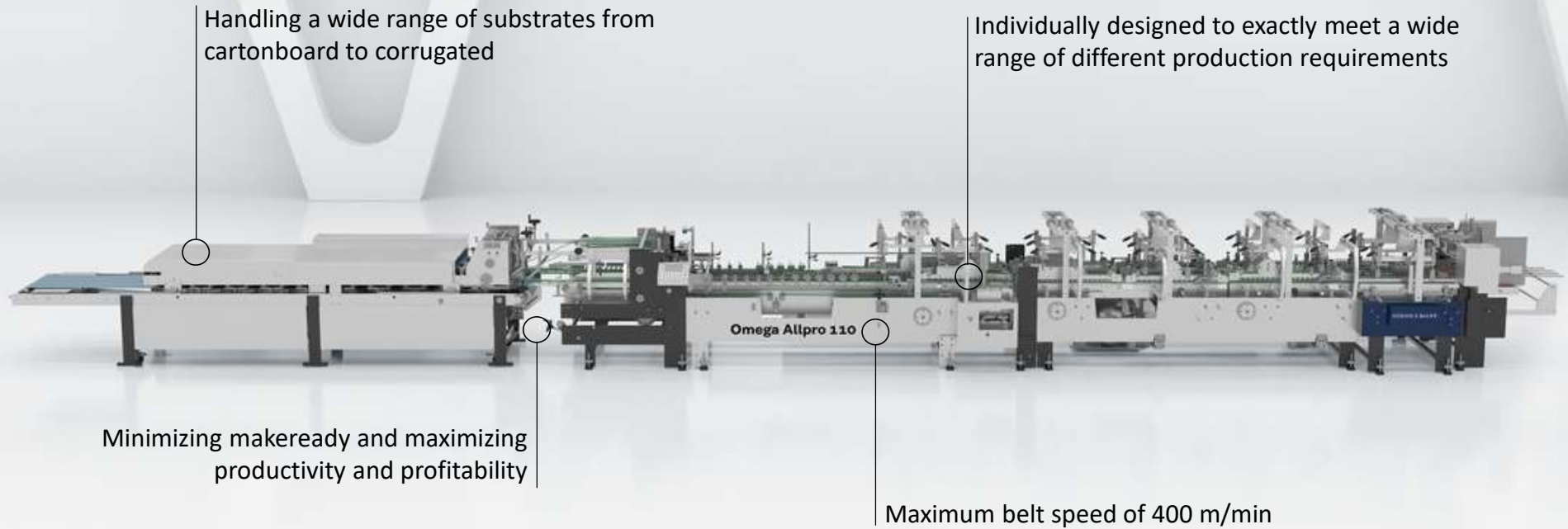


1) Blank width in cm

2) Corrugated board application

Folder gluer: **Omega Allpro 110**

Design your carton box as you imagine it





Our **One-Stop-Shop** concept offers a closed-loop workflow for folding box **production from a single source**: starting with the customized MIS system, through printing, die-cutting and folder-gluing, to customer-centric service solutions.

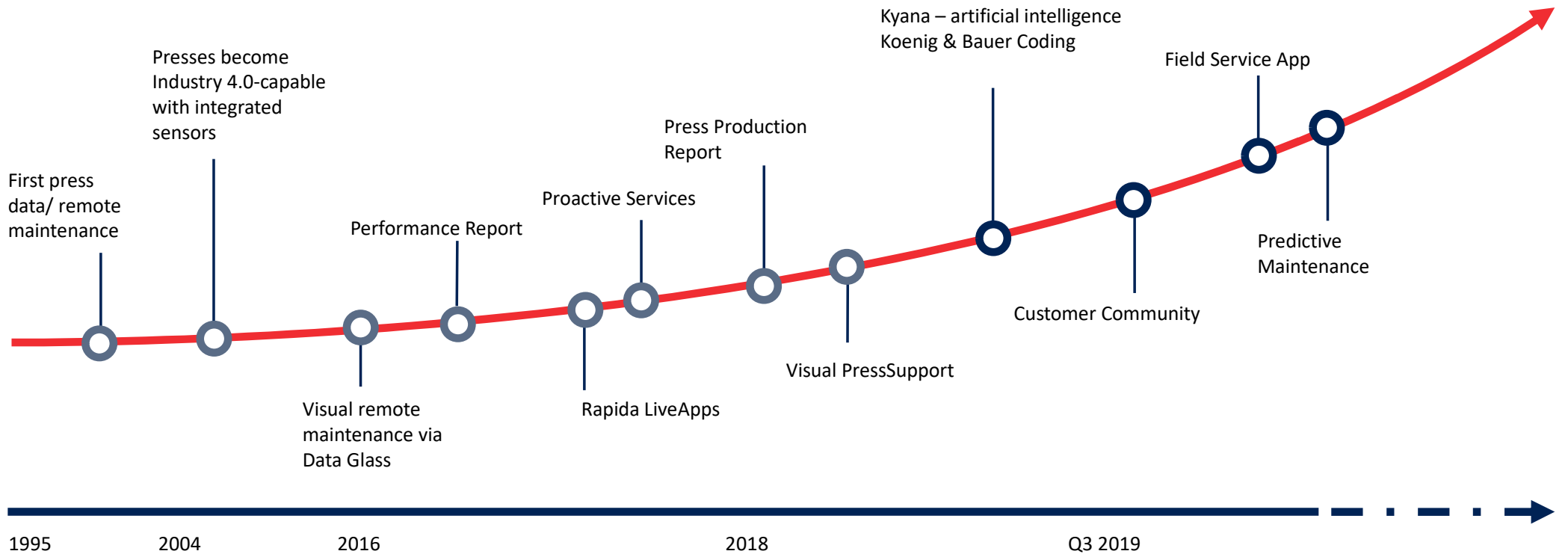
Dirk Winkler, Director Technology Koenig & Bauer Sheetfed

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The future is more than just machines

Digitalization at Koenig & Bauer

Digitalization at Koenig & Bauer





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Who we are?

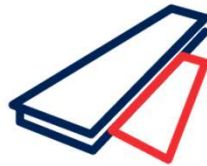
Innovation is our drive, tradition our foundation. In this way, we define the standards for printing press manufacture.



We stand for printing in all its diversity



Newspapers,
magazines &
catalogues



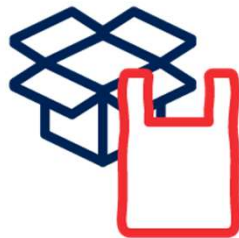
Decors &
laminates



Books



Corrugated



Packaging



Banknotes



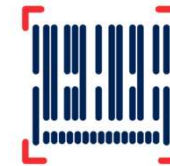
Metal decorating



Hollow glass & plastic
containers



Labelling



Coding

Leader in almost all markets

90%

world market share in banknote and security printing

80%

world market share in metal decorating

63%

world market share in large-format and packaging printing

30%

world market share in commercial web and newspaper printing



Koenig & Bauer Group in 2018

5,700

Employees worldwide

€ 1.5 billion

Group turnover

11

Manufacturing locations

109

Sales and service locations



We manufacture at locations across Europe

1 Würzburg, DE
Web offset, digital web and security presses, industrial solutions
Employees: approx. 1,500

2 Radebeul, DE
Sheetfed offset and digital sheetfed presses, rotary die-cutters, industrial solutions
Employees: approx. 320

3 Stuttgart, DE
Metal decorating presses
Employees: approx. 320

4 Mödling, AT
Banknote and security presses
Employees: approx. 290

5 Bad Oeyenhausen, DE
Screen printing machines for the direct decoration of glass and hollow container
Employees: approx. 140

6 Tavazzano, IT
Flexo web presses
Employees: approx. 100

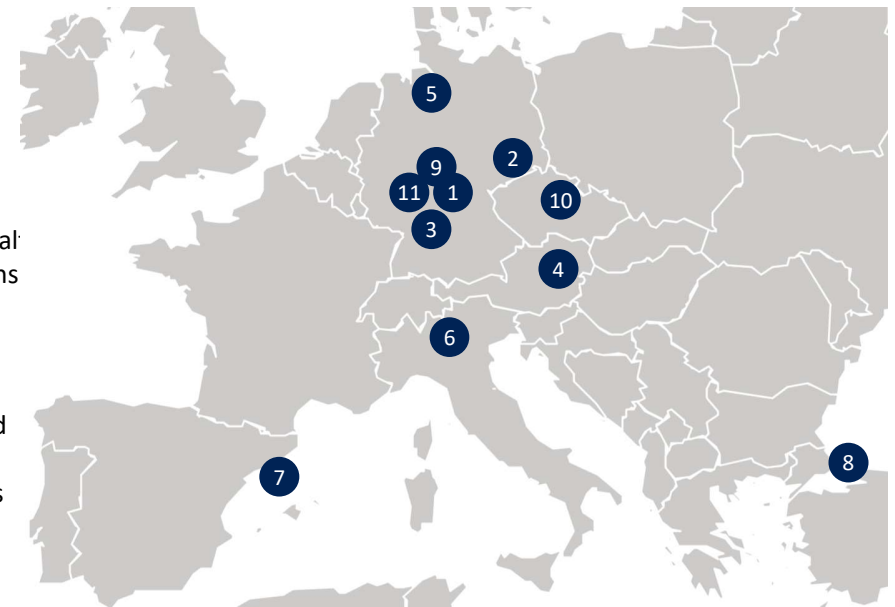
7 Barcelona, ES
Flatbed die-cutters
Employees: approx. 60

8 Istanbul, TR
Folder gluers
Employees: approx. 50

9 Veitshöchheim, DE
ID and labelling systems
Employees: approx. 270

10 Dobruška, CZ
Sheetfed offset presses (half format), industrial solutions
Employees: approx. 250

11 Frankenthal, DE
Folders for newspaper and commercial web presses, rollers, industrial solutions
Employees: approx. 180



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June 16th to 26th 2020
in Duesseldorf.



16.-26. Juni 2020
Düsseldorf
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