

KOENIG & BAUER

CorruFLEX



we're on it.

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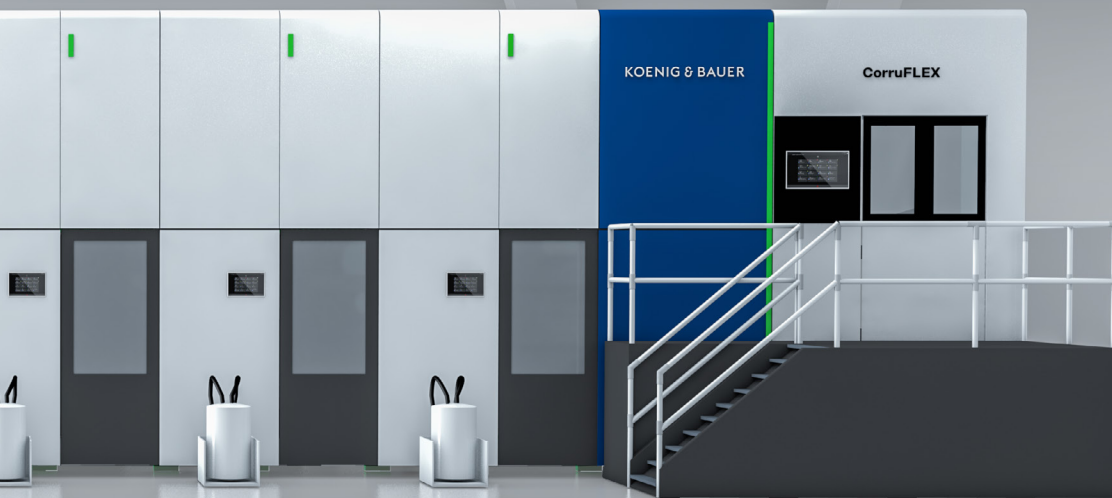
Koenig & Bauer returns to the corrugated board converting machinery segment with the brand-new CorruFLEX. Technology that implements flexo printing HQPP features, zero defect solutions and maximum performance with novel technological approaches.

The CorruFLEX was developed at the same time as the CorruCUT High Board Line rotary die-cutter. It is a unique overall solution using the latest technologies and functions, combined with simple and intuitive operation.

The CorruFLEX is engineered for the highly efficient production of printed corrugated board sheets in the highest flexo quality.

The machine can be operated as a stand-alone solution or in line with conventional flatbed die-cutters. It sets new standards in terms of output and performance.

- Design: High Board Line open Architecture
- Setup while running
- Maximum machine reliability and extreme durability
- Machine control via flexible Profinet system with touchscreen operation
- Integrated error diagnostics and remote maintenance



Product Information

- **Vacuum-belt feeder:** Its revolutionary construction without feed rolls ensures non-destructive and precise feeding of the sheets into the system.
- Sheet guiding by means of continuous **vacuum transport** guarantees stable sheet travel through the press as well as perfect register accuracy throughout the entire printing process. Wear-free transport rollers ensure operation without downtime due to necessary belt replacement.
- State-of-the-art **servo direct drive technology** for maximum register accuracy in multiple-colour printing.
- New **flexo printing units** for all current HQPP flexo printing technologies.
- The **top vacuum stacker** has been completely new designed and guarantees maximum productivity without interruptions to infeed.
- Our **service** offerings enable efficient online diagnosis and fast telephone support in the event of machine malfunctions around the clock.

Technical Data	Standard	Option
Max. sheet length ¹⁾	1,250 mm / 49.2 in	1,530 mm / 60.2 in
Max. sheet width	2,100 mm / 82.6 in	
Min. sheet length	600 mm / 23.62 in	
Min. sheet width	600 mm / 23.62 in	
Nominal circumference	1,350 mm / 53.1 in	1,676 mm / 66 in
Board level above floor	2,250 mm / 88.6 in	
Board thickness	1 – 9 mm / 0.039 – 0.354 in	
Max. rated output ²⁾	14,000 sheets/h	12,000 sheets/h

¹⁾ without skip feed

²⁾ dependent on individual processing parameters, e.g. inks and substrates used

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