

KOENIG & BAUER

# CorruCUT – High board line rotary die-cutter



we're on it.



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

Based on years of experience with the rotary die-cutter developed in the mid-2000s, the CorruCUT has been largely completely redesigned. Our engineers around the world drew on the expertise of colleagues from a wide variety of departments. It is a unique overall solution using the latest technologies and functions, combined with simple and intuitive operation.

The CorruCUT is designed for the highly efficient die-cutting of corrugated board. It also has all the technical features required for the highest flexo printing quality. Production is possible in single as well as in multiple-up operation.

With a maximum production output of 12,000 sheets per hour, the CorruCUT sets new standards in terms of output and productivity.

- Design: High Board Line open architecture
- Setup while running
- Maximum machine reliability and extreme durability
- Machine control via flexible Profinet system with touch screen 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** with all current and completely new technologies for HQPP flexo post-printing.
- The **rotary die-cutting unit** with optional quick tool change has been designed for maximum die-cutting accuracy for single as well as multiple out production (up and across).
- The **top vacuum stacker** has been completely new designed and features entirely new approaches to waste disposal (zero defect concept).
- Our **service** offerings enable efficient online diagnosis and fast telephone support in the event of machine malfunctions around the clock.

### Technical Data

Max. sheet width	2,800 mm / 110.24 in
Max. sheet length <sup>1)</sup>	1,530 mm / 60.24 in
Min. sheet length	600 mm / 23.62 in
Min. sheet width	600 mm / 23.62 in
Nominal circumference	1,676 mm / 66 in
Board level above floor	2,250 mm / 88.58 in
Substrate thickness	1 - 9 mm
Max. rated output <sup>2)</sup>	12,000 sheets/h

<sup>1)</sup> without skip feed

<sup>2)</sup> dependent on individual processing parameters, e.g. inks and substrates used

