

## Customisation Helps in Achieving Goals

BW Papersystems is a premier corrugator manufacturer with a wide range of complete corrugators and corrugator components to match your specific production needs. Every plant has different requirements with respect to performance and quality within the context of paper types, paper grades, web width, overall production capacity and speed. BW Papersystems corrugators are customised to meet those specific requirements.

These solutions are categorised as Performance, Harmony, and Value Corrugators. Each corrugator line features a customisable dry-end to meet any plant's production goals.

The Performance Corrugator offers maximum production and board quality. This line features the Sentinel, a complete



Performance Dry End

corrugator control system, which automatically optimises all process variables, monitors board quality and facilitates information to be communicated throughout the corrugator.

The BW Papersystems Performance Corrugator features the RPS Express slitter scorer. The RPS Express features robotic setup for precise accuracy with plunge activation for line speed order changes. Dry-end order changes are easily performed at speeds of 300m per min. The Trim Switch™

feature ensures the downstream slitting section (adjacent to the trim chutes) always starts the new order trim. Tool setup accuracy of +/-0.4mm for consistent critical box specifications.

The Saber Knife from BW Papersystems incorporates legendary Marquip knife quality with high performance cut length vs speed curve. The Saber Knife features cut capability up to 460m per min. Additional benefits of the Saber Knife include high levels of cut accuracy and zero board crush.

The Saber Knife features walk-in access for quicker maintenance for blade tuning and adjustments. BW Papersystems' High-Speed Cylinders provide an excellent blade tuning interval cycle, which also decreases knife maintenance. The Saber Knife provides high performance with low energy consumption.

One of the most recent developments for the Performance

Corrugator dry-end is the Fusion Knife and electric lift Stacker. Designed to work as one unit, the Fusion offers a lower total cost of ownership as the design features a 40% reduction in parts. Shared motion controls platform allows seamless interface and immediate connectivity of signals and conditions.

Additional benefits of the Fusion include a line speed waste ejection

system for splice removal or taking a sample sheet. These and other features keep operators off the Stacker belts. The Fusion offers high speed performance and superior web control and stack quality in a variety of different configurations in 2500mm and 2850mm widths. The Fusion is offered in 300m per min, 350m per min, 400m per min and 460m per min.

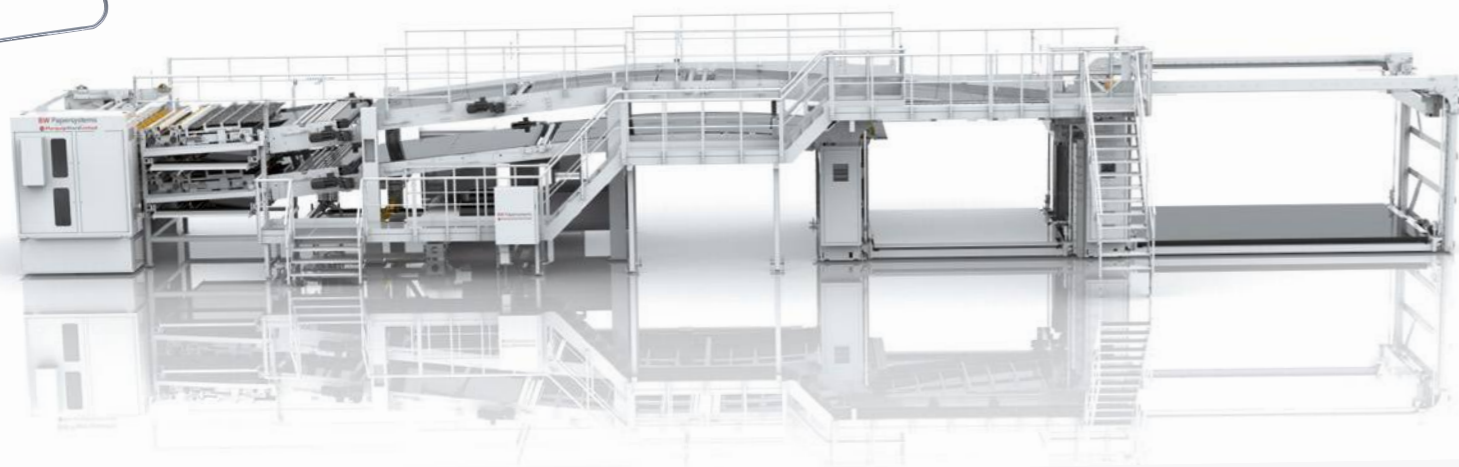
RPS Express Slitter Scorer



Saber Excel Knife



Fusion Knife and Stacker



By combining the RPS Express Slitter Scorer and Fusion Knife Stacker or Saber Knife, the Performance dry-end delivers superior board and stack quality at speeds up to 460m per min. It also features operator friendly controls for the changing workforce.

If production goals are more moderate to meet market demand, BW Papersystems' Harmony Corrugator may be the perfect match. The Harmony is designed for customers looking for a value on cost-to-performance, and a 'crushless' corrugator that offers quality board to satisfy the market requests.

The Harmony is a customised solution with a modular design to meet your market needs. It is available in 2500mm and 2850mm widths at speeds from 300m per min to 350m per min. BW Papersystems recently developed a slitter scorer and knife specifically for the Harmony. Based on reliable and quality-driven corrugator components, these are the RSS Excel slitter scorer and the Saber Excel Knife.

The RSS Excel has multiple slit and score sections to set up tools on one section while tools on

another section are operating. At order change, the tools will quickly lift out of the board line, while the new order tools plunge in. Dry-end order changes are easily performed at high speeds.

MarquipWardUnited brand slitters are a well established 'standard' for slitting excellence, with features such as individual on-head sharpening systems, rotating lower anvil supports, and use of a very thin blade. Clean slitting minimises dust, increases flexo productivity, improves printing quality, reduces edge trim, eliminates slit edge delamination, reduces feed table jams, and improves box squareness and curing.

The Saber Excel Knife is based on the Saber Knife, but with features and options that specifically designed and priced to meet moderate production goals. Like the Saber Knife, the Saber Excel Knife features the well known Marquip knife quality for excellent cut accuracy.

The Harmony dry-end is a great option for plants looking to produce quality board at speeds up to 350m per min. This corrugator can be further customised to meet customer needs.

The Value Corrugator is reliable and cost effective, with an emphasis on cost-to-performance ratio. The Value and its comprehensive management system, fits well in markets that require a high volume of order changes, with moderate demand for product output for narrow to wide widths. Value Corrugators can be configured in 1800mm, 2200mm, 2500mm and 2850mm widths with speeds from 200m per min to 350m per min.

The Value dry-end features a shear with two cylinders for reliable cutting and scrap removal and trim cutter used for gapless order changes. The heads of the slitter scorer are positioned with individual servo motors for accuracy and fast order changes. The knife features helical wound blades with servo motor control provides cutting accuracy of +/-1mm. A DownStacker is standard, but an UpStacker is an option.

BW Papersystems' lines of corrugators can meet any plant's production goals. The dry-ends of the Performance, Harmony, and Value corrugators are customisable to meet your needs.

[www.bwpapersystems.com](http://www.bwpapersystems.com)



# Your source for complete corrugators



Customized corrugators to meet your plant's production goal



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