



Achieving Safety and Production Goals

BW Papersystems (BWP) is a global corrugator manufacturer with a wide range of complete corrugators and corrugator components to match production needs. BWP strives to design and manufacture dry-ends with safety and your production goals. BW Papersystems prioritises safety by continually reviewing and improving equipment designs to ensure the highest safety standards. Their Service Engineers and Technical Support teams offer exceptional service, including on-site assistance, 24/7 remote troubleshooting, and comprehensive training during installation and beyond for safe and efficient machine operation.

BWP's dry-ends are available in single, double, or triple level configuration. Standard widths are 2500mm and 2850mm (112") and boasts a speed range up to 460 m/min (1500 ft/min). It is available with the choice of natural gap or no-gap order change performance. The dry-end can be matched to other OEM wet-end equipment.

The BW Papersystems corrugator system features operator-friendly controls to support the production of flat, well-bonded and accurate dimensioned sheets. The order recipe methods

ensure repeatable quality, even with a less experienced work crew. The benefits are reductions in unplanned downtime or slowdowns, that in turn leads to increased profitability.

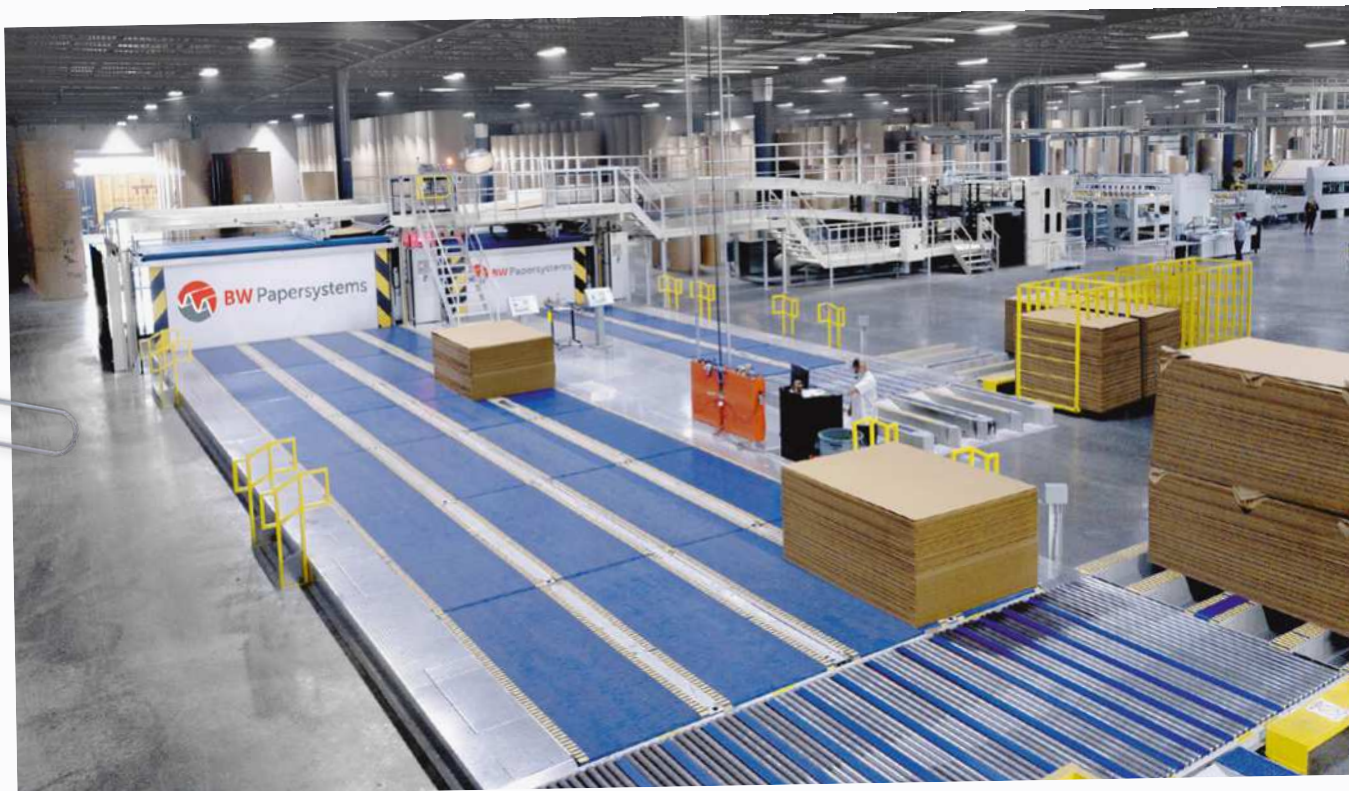
The BW Papersystems control system synchronises each component of the dry-end for accurate and fast set ups. Sheet dimensions and count are exact. Information transfer to and from the dry-end is easy and complete. Remote log-in for diagnostics and utilising the Industrial Internet of Things data is available for the dry-end.

The SE1000 Dual Rotary Shear, with dynamically balanced knife cylinders, diverts waste at speeds up to 300 m/min. Corrugator

start-up waste is removed reliably. The operator can determine the waste sheet length, should a non-standard sheet be used in the operation. Synchronized controls for the order change system make the changes rapid, reliable and reduce order change waste.

Downstream of the SE1000 is the Robotic Plunge Slitter Scorer (RPSE). The RPSE features robotic setup for precise slit and score head accuracy with plunge activation for line speed order changes. High-speed back-to-back dry end order changes are easily performed. The Trim Switch™ feature ensures that the downstream slitting section (adjacent to the trim chutes) always starts the new order trim.





Tool setup accuracy of +/- 0.4mm (0.015") allows to consistently meet critical box specifications. T 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 BW Papersystems knife incorporates legendary Marquip knife quality with industry-leading cut length and cut accuracy versus a best-in-class speed curve. This knife features cut capability up to 460 m/min (1500 ft/min) with one of the lowest power consumptions in the industry. Additional benefits of the knife include preprint cutting capability and crushless features.

The knife has walk-in access for easy cleaning, blade tuning or preventive maintenance tasks. High-speed, very long-life knife cylinders provide the industry's best blade tuning interval cycle,

which also decreases knife maintenance and costs. It can also be outfitted with a line speed waste ejection diverter. Splices or other waste are tracked and accurately removed at high speed. Various performance and speed variants are available.

BWP's Stackers are available as an upstacker/downstacker or downstacker/downstacker arrangement for the lower and upper-level knives. Electric lifts, plastic chain lift conveyors, safety scanners and a precise stack building control are standard features. Sites running very light papers weights at high speeds can benefit from the synchronous vacuum and brush controls inspired by high-speed paper sheeting machines.

The stacker features precise shingle formation, sheet separation with a shingle splitting device combined with a patented speed switching method for

exceptional clean load separation and reliable exact sheet counts. For sheet feeders, an optional multiple order stacking feature is available. Interface to the factory conveyor system is available. Load tags can be printed, and stacks tracked throughout the factory.

BW Papersystems places a major emphasis on safety. Designs are reviewed and improvements are implemented to focus on safety for operations and maintenance of the machines.

The BW Papersystems Service Engineers & Technical Support teams are committed to providing the best service available for day-to-day issues, installations, and preventive maintenance. BW Papersystems provides on-site service and 24/7 remote troubleshooting. For all machines, training is available during installation, start up and later to ensure safe, effective machine operation.

www.bwpapersystems.com