

ROLL FINISHING SOLUTIONS

Advanced modular technology for converting paper rolls.

APPLICATIONS



Pharma leaflets



Security printing



Utility bills



Commercial printing





High-Precision Roll Converting Solutions

ROTATEK finishing solutions are engineered to deliver precision, flexibility, and efficiency in roll converting. Designed as a modular system with an independent servo drive, they seamlessly integrate with the entire ROTATEK range of printing and finishing machines. From roll-to-sheet to roll-to-fanfold production, the system ensures reliable high-speed performance across a wide range of substrates for paper and folding carton applications.

Designed for precision and productivity, the unit converts rolls into sheets for paper and folding carton applications at speeds of up to 250 m/min, depending on the model and format. It handles a wide range of substrates, from lightweight papers starting at 25 gsm to robust carton board up to 350 gsm, ensuring consistent performance across multiple applications.

The system cross-cuts the web to produce finished sheets using a scissor-type slitting knife box, capable of performing one or two cuts per revolution. The cutting cylinder incorporates two cutter blocks positioned at 180°, each with four usable cutting edges. As the blades wear, operators can simply rotate them, extending service life while maintaining precise and reliable cutting quality.

Roll to stack solution

High-performance Generation 8 finishing solution for the roll to merged stack production. The web is fed from the printing system via the Web Buffer WB8 web accumulator (only for inline operation) to the Web Merger WM8 and slit lengthwise. An edge trim can also be performed at the same time. The two halves of the web are then superimposed in the Web Merger and fed to the Length- and Cross Cutter CS8. During the merging process, the right half of the web can be placed either under or over the left half of the web.

Speed up to	180 m/min
Web width	520-870 mm
Paper weight	60 – 130 g/m2
Stack height	up to 254 mm
Variable chip out	6.35 – 25.4 mm
Format length	127 – 482 mm

Roll to fan-fold solution

From an unprinted roll to continuous folded stacks in the Fanfolder FS6. In 2-up production, the Dynamic Processor DP8 can individually process each half of the web with variable perforation and punching patterns from copy to copy. Combined use of different functions such as static and dynamic perforation or scoring in the vertical and cross direction, dynamic file hole punching, and folding perforation are possible in a single module. Continuous folding of the perforated web thanks to the Fanfolder FS6 with High Capacity Stacker.

Speed up to	180 m/min
Web width	520 – 870 mm
Paper weight	60 – 130 g/m2
Stack height	up to 254 mm
Variable chip out	6.35 – 25.4 mm
Format length	127 – 482 mm





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