

Discover Hunkeler



Excellence in Paper Processing

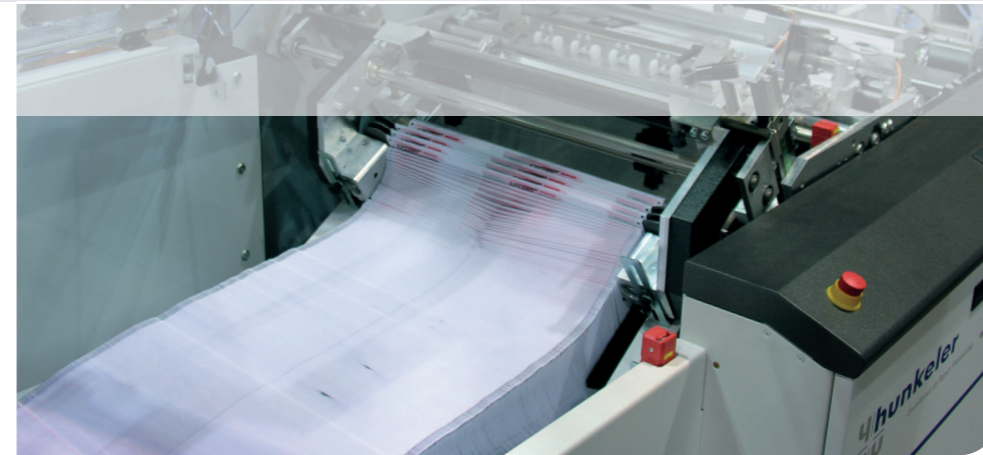
Roll to fold solution



Excellence in paper processing: find out for yourself what our high standards mean. Benefit from synergies between our product segments and choose an expert partner. Meet your high expectations. We look forward to a dialogue.

Digital: advanced pre- and post solutions for high performance digital printing systems, for print on demand, computer centers and direct mailing.

Web finishing: modular systems to produce application-based organizational, communication and advertising media.



Excellence in Paper Processing

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FS6 – Perfect Stack Quality

The modular Hunkeler roll to fan-fold solution with optional vertical stacking systems and carts for efficient print and mail-room operation. Reliable inline high speed operation with digital continuous feed printing systems in a space saving package and many modular options such as forms processors, web inspection, stack turner, etc.

UW6 Unwind module

The new POPP6 generation unwinder UW6 was specifically designed for a flexible, high-performance environment. Ease of use, enabled by the automatic dancer control system, and user guide with touch panel reduce setup times to a minimum. Rolls with diameters of up to 1370 mm are loaded semi-automatically. A triple dancer guarantees optimum acceleration of the web, and provides for the processing of a wide range of paper weights. The dancer weight can be decoupled completely by the loop control to allow for tension free feed into high-performance digital printers and folders.

FS6 Folding Module

The continuous Folder Stacker FS6 achieves remarkable stack quality up to 220 m/min production speed. The continuous web is meticulously folded by a spiral folding system, and stored by a high capacity stacker in precise stacks of up to 1000 mm. These perfect, compact stacks are essential for smooth post processing. As an option, the new Line PC permits unlimited storage of various job data, offering automatic set up and make ready of previously stored job processing data by the touch of a button. Complete stacks exit the module without printer stop.

The high degree of automation by way of electronic assistance for format changes brings about substantial reductions in set up times and considerable increases in productivity. This makes the FS6 an excellent investment for all segments requiring fan folding. The heavy duty folder has been designed for maximum availability and to be operator and service friendly. This enables one operator to control several lines simultaneously. State of the art servo, and web handling technology allows the same machine to be used in-line with the latest high speed printing systems – slack, or tight web – as well as off line, for instance in conjunction with a Hunkeler VARIWEB system.

Technical Data FS6 Folder stacker

Paper web width:	8" – 20.5"	(203 – 520 mm)
Folding height: *(< 70 gsm):	7" – 12"	(178 – 305 mm)
	*(> 70 gsm):	7" – 17"
		(178 – 431 mm)
Paper weights:	56 – 160* gsm	
Speed:	33 – 720 ft/min (10 – 220 m/min)	
Stack height:	up to 39.4"	(up to 1000 mm)

All technical data subject to change

Versatile High Speed Folder

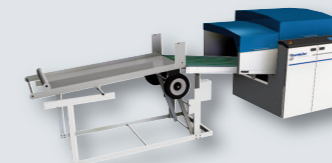
Shingle Belt Delivery

For the delivery of added value products such as forms with integrated labels or plasticized cards



Stack Cart System

Stacking of up to 16'000 forms in 2-up operation. Easy unloading of stacks and transfer by stack carts to inserter area.



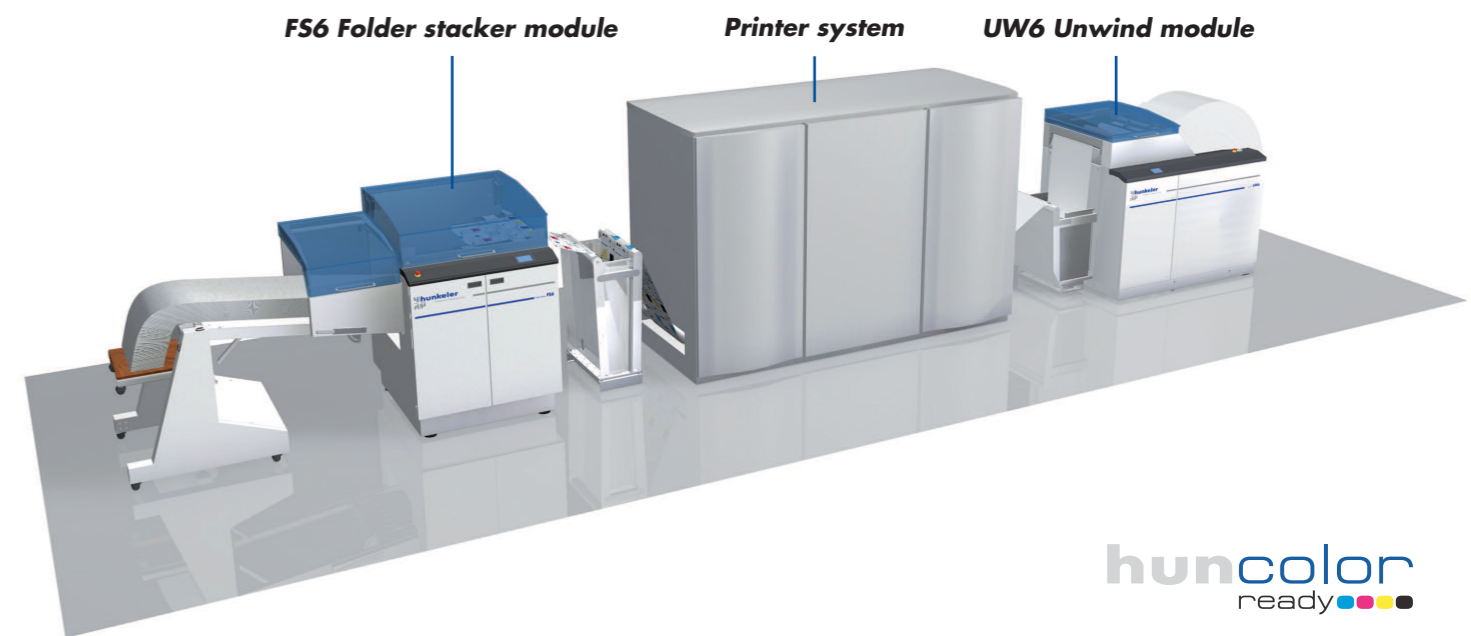
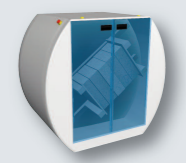
High Capacity Stacker

The tightly folded, horizontal shingle stream is automatically brought into a vertical position, and stacked on roll carts. Stacks are separated manually, and roll carts are changed without printer stop.



Stack Turning Module

Application specific turning of stacks (A-Z or Z-A) for correct feeding into inserter.

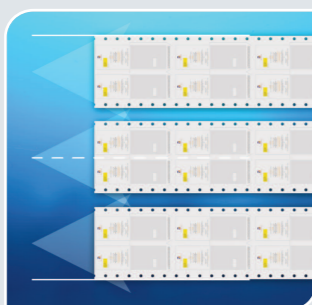


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Main Features



Pin and pinless processing with vacuum loop or tight web



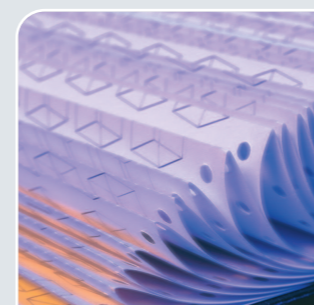
Paper transport: left, right, or center web alignment



Lightweight paper application from 56 gsm



Storage of unlimited set up job data



Production speed up to 720 ft/min (220 m/min)



Automated format changes



Optional inline finishing PP6: fold perforation, sprocket hole punching and register mark printing



Open design allows for web inspection at any time