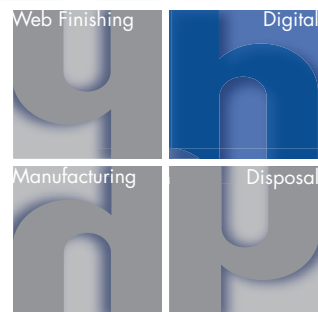


Excellence in Paper Processing



In paper processing, Hunkeler is your partner in the four areas of Digital, Web Finishing, Disposal and Manufacturing. Our customers benefit from the synergies that are created from the interaction of these four areas: We think as a whole and are therefore in the best position to efficiently serve the highest demands.

www.hunkeler.ch

Digital

We develop successful system solutions for computer centers, Print On Demand (POD) environment, as well as for mailing and form manufacturers, printers, finishing companies and bookbinders.

Web Finishing

Hunkeler equipment converts simple printed paper webs into richly varied and multifunctional communication and advertising materials. Modular systems process short-run and long-run jobs with full automation.

Disposal

With complete systems and individual units for paper processing, we ensure the purposeful removal and disposal of material remnants for increased production efficiency.

Manufacturing

Hunkeler will manufacture machine components according to your specifications. You can source everything you need from one supplier, while utilizing our experience in the production of prototypes, individual parts, or small and medium series.

The future is colourful - with many benefits.
huncolor-ready: the new brand from Hunkeler.

huncolor
ready

The new facts to pre- and post-digital printing: our new brand huncolor brings all the advantages of our innovative POPP machine generation down to one common denominator. In other words, if you choose huncolor modules, you're ready for the future. And for the new sales potential that the digital color printing market has to offer.

Black-and-white or CMYK? Light or heavy paper weight? Roll to roll, roll to fan-fold or roll to stack? With huncolor modules you always have the right answer. In- and offline. Numerous innovative features, together with impressive performance features, now give you improved quality, more flexibility and a safe return on investment. Further information at www.huncolor.com

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Roll to fold solution



Solutions for Digital Printing

Success in paper processing applications is based on knowledge and experience. Hunkeler became active in the printing industry in 1922, and we have been working closely with customers ever since to establish the necessary expertise to insure your paper processing application success. The Printer Online Paper Processing (POPP) division was founded in 1982 to develop paper-processing solutions for digital printing. The driving force for innovation is our constant aim to make extraordinary contributions toward the success of our customers. Hunkeler developments are at the core of our complete solutions. That is why we are recognized as world-wide leaders, with the highest quality and performance guaranteed.

FS6 – Perfect Stack Quality

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 at all speeds, up to an impressive 220 m/min. 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)
Paper weights:	*56 – 160 gsm
Folding height: *(<70gsm): 7" – 12" (178 – 305 mm)	
*(>70gsm): 7" – 17" (178 – 431 mm)	
Speed:	3 – 720 ft/min (10 – 220 m/min)
Stack height:	up to 39.4" (up to 1000 mm)

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

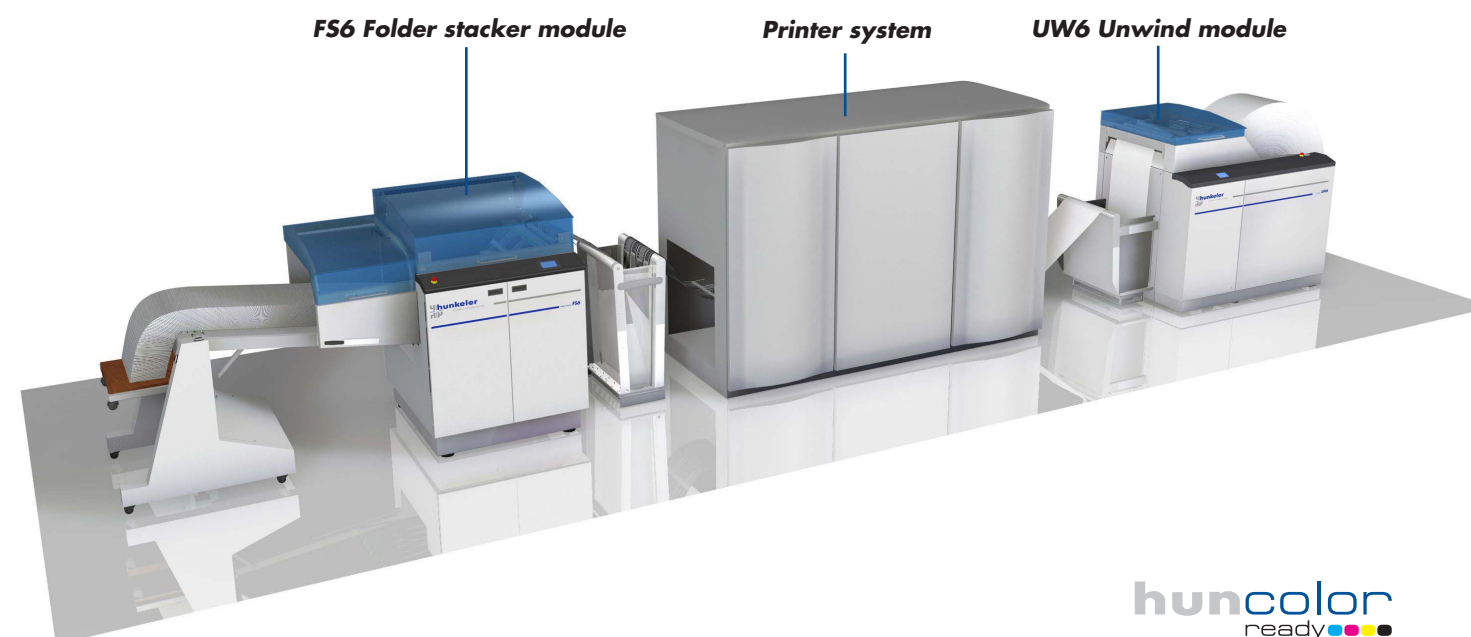
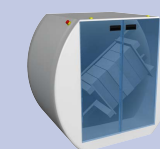
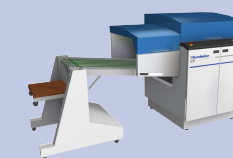
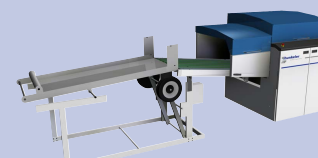
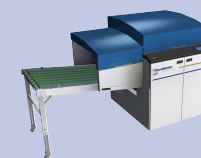
Stacking of up to 16'000 forms in 2-up operation. Easy unloading of stacks and transfer by stack carts to inserter area.

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.

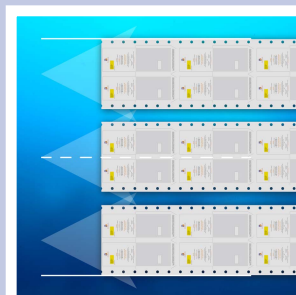


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ready

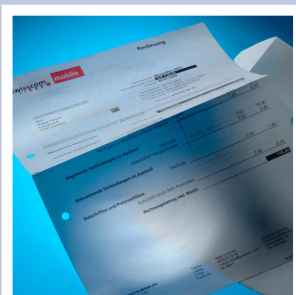
Main Features



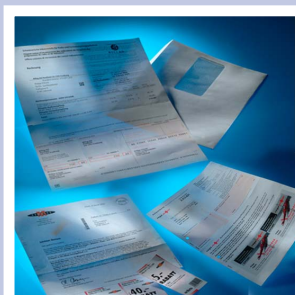
Pin and pinless processing with vacuum loop or tight web



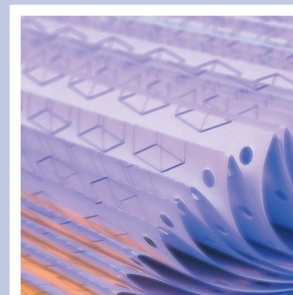
Paper transport: left, right, or center web alignment



Lightweight paper application from 56 gsm



Storage of unlimited set up job data



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



Fully automatic paper webbing



Automatic format changes



Open design allows for web inspection at any time