

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.

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.

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Roll to sheet/stack 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.

Roll to stack solution

UW6 Unwind module

The new 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. The dancer weight can be decoupled completely by the loop control to allow for tension free feed into high-performance digital printers.

CS6 Cross- and length cutter

The rotary cross cutter CS6 consistently produces clean, accurate cuts at exact angles, ensuring the highest levels of productivity and quality of output. In combination with the register control software, it also provides the precision essential to the finishing process. Setups, as well as adjustments are easily performed at the display panel, and dynamic changes in cut length are carried out automatically based on UP3I, or barcode information. An integrated diverter separates waste from the production output. If equipped with the new, individually driven edge trimmers, and up to three linear cutters, the production of 4-up forms is accomplished reliably and efficiently.

SE6 Offset module

All pages on-the-fly are offset before passing them on to the stacker module. The unique separation unit enables true separated offset stacks in 1up, 2up, 3up and 4up mode. The stacks with horizontally offset book blocks facilitate the easy handling of stacks.

LS6 Stacker module

In the stacker module LS6, all signatures or sheets are collected, and continuously stacked to the desired height. Our newest technology offers up to 2200 stack ejections per hour (with 4up mode) without requiring any printer stops. As a new feature, the stacker offers dynamic format changes from one book block to the next, using UP3I or barcode information.

TS6 Transfer station

The Transfer Station TS6 distributes paper stacks in different directions fully automatically or at the press of a button. Depending on the printed intelligent codes or electronic signals (UP3i), the module passes the printed paper stacks to the right, left or straight ahead to various finishing processes. A lifting element brings the paper to the desired height. In this way, the Transfer Station enables the online integration of up to three finishing processes into one printing system. Different print and processing jobs can be successively processed with full automation and without expensive conversion. An integrated sheet bypass allows to run sheets inline in buckle folding equipment for production of folded sections.

Technical Data Cutter CS6

Web width:	6.5" – 20.5"	(165 – 520 mm)
Cut length: Stack	3.5"* – 19"	(89* – 482 mm)
Sheet	8" – 62"	(203 – 1575 mm)
Variable chip-out:	1/8" – 2 3/4"	(3.2 – 70 mm)
Paper weight:	40 – 300 gsm	
Production speed:	up to 600 ft/min (180 m/min)	
Applications:	1up – 4up with gutter cut	
Option:	pin- and pinless Merger	
* in variable chip out mode: from 5.5" (140 mm)		

POPP6 – Investment protection

CS6-I «Single Cut»

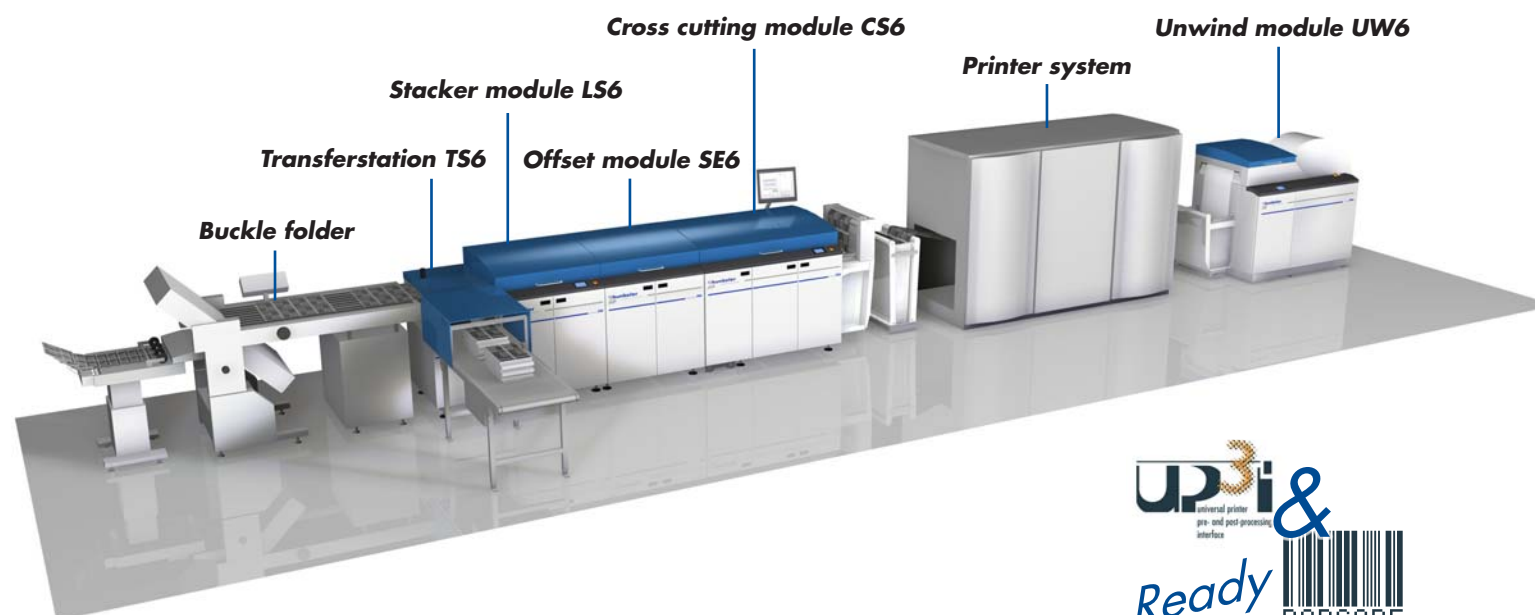


This version of the CS6 is equipped with a single rotary cutter for the production of traditional single cut forms in the print-on-demand and transactional printing segments.

CS6-II «Double Cut»



The flexible high performance solution for mailing applications. By means of two independent, dynamically controlled rotary cutters, full bleed products are produced swiftly and accurately.



Patent pending



End products



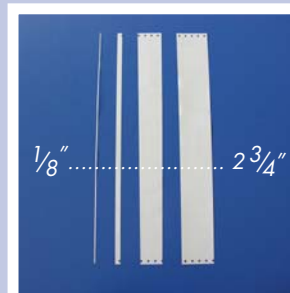
Offset stacks 1up, 2up, 3up and 4up



Lightweight paper application



Heavyweight paper application



Electronic variable double cut/chip-out

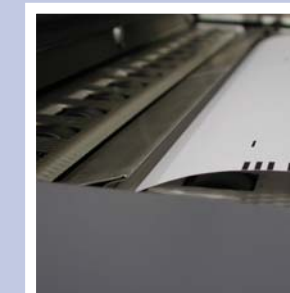
Features



Nonstop stacking eliminates printer stops



Nonstop offset stacking process



Integrated diverter for set up and error pages



Small footprint