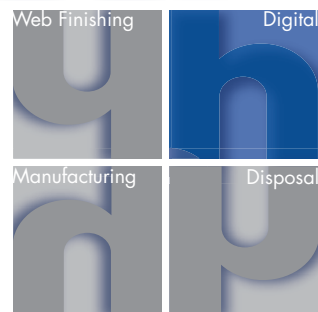# Excellence in Paper Processing

Web Finishing · Digital · Manufacturing · Disposal

*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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# High performance cutting solution

> **Production speed 600 ft/min**

> **Variable chip-out and cross cut**

> **Fully automatic format change**

**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.*

# The ultimative cutting system

### 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. 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 cutters.

### 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. 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. 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.

## Technical Data Cutter CS6

| | | |
|---|---|---|
| Web width: | 6.5" – 20.5" | (165 – 520 mm) |
| Cut length: | 5.5" – 62" | (135 – 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-/pinless merger + plow folder | |

*Below 60 gsm and above 250 gsm require paper test.*

The CS6 can be ordered in the following configurations:

### 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.

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# Flexible solution for direct mailings.

### High Reliability

Rotary scissor cut technology guarantees highest reliability and precise, consistently accurate cuts, creating minimal dust. Integrated carbide knifes allow for more than 30 Mio cuts between knifes changes. The CS6 offers a service friendly layout, accompanied by state-of-the-art drive technology and ergonomic design.
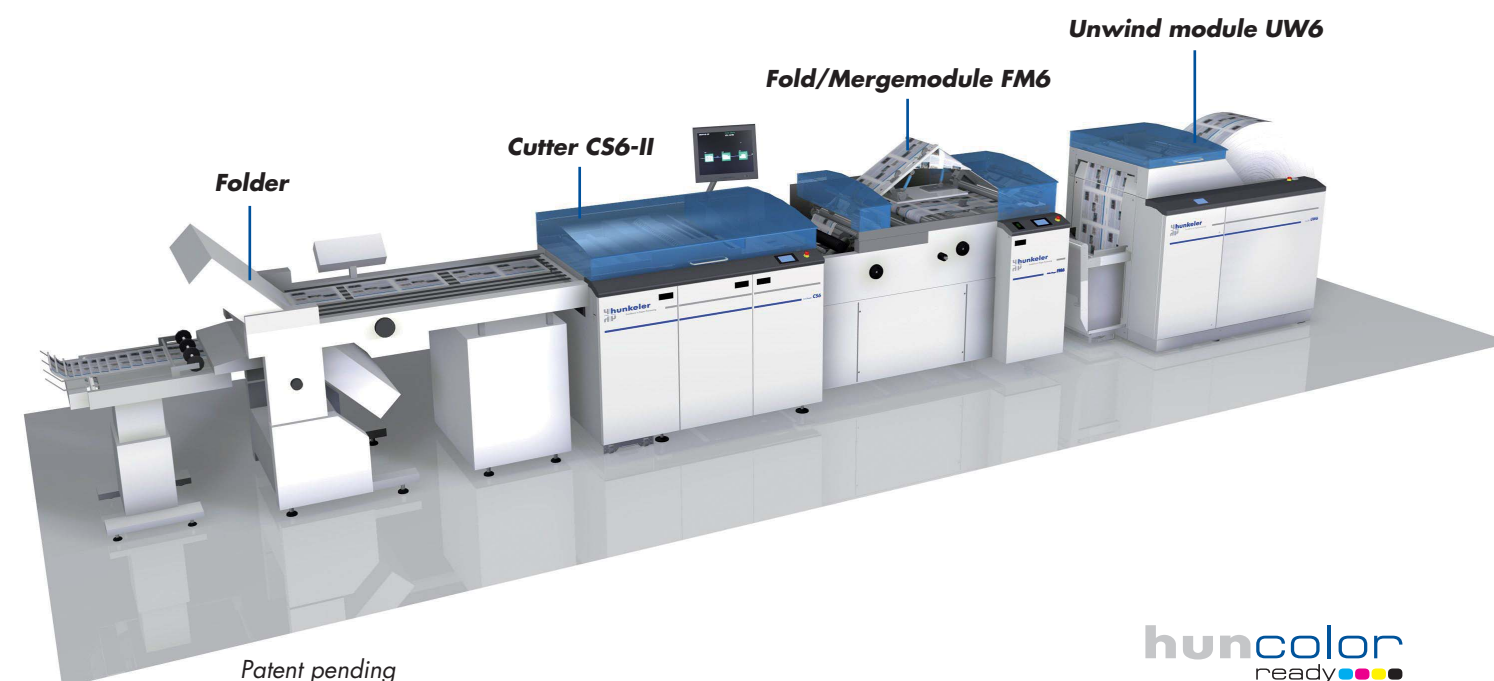
### Flexibility

The CS6 proficiently cuts any sheeted products, from full-bleed forms to signatures, deriving its high level of flexibility from a wide variety of chip-out sizes and cut off lengths. Undemanding operation by touch screen and Line.PC, programmed in a number of different languages, as well memory functions for machine set-up increase ease of operation and productivity.

### Investment protection

By processing paper weights from 40 to 300 gsm, and operating at speeds of up to 600 ft/min, the CS6 fulfills tomorrow's requirements of the market. The dynamic diversion of waste or blank sheets leads to an efficient downstream process that no longer requires manual intervention.
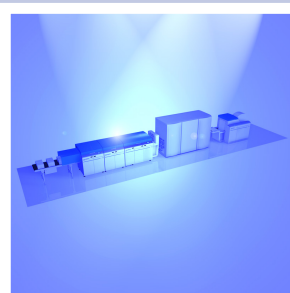
### Modular concept

This allows for flexible customization to your specific requirements. The line, for instance, can be expanded either with a web-merger Module WM6 or the combination module plow-folder/web-merger FM6 to create an universal hight speed mailing system.
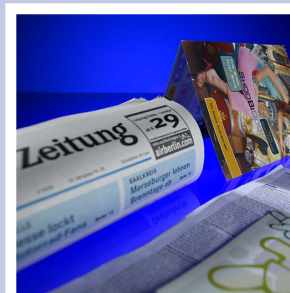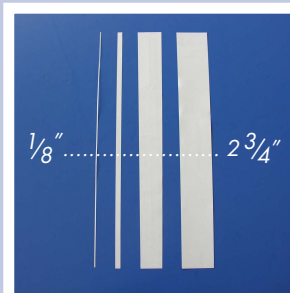
Folder    Cutter CS6-II    Fold/Mergemodule FM6    Unwind module UW6

Patent pending

huncolor ready

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## Features

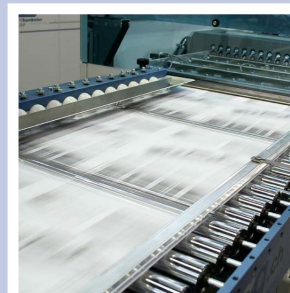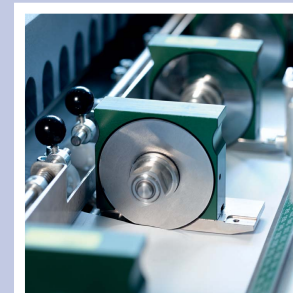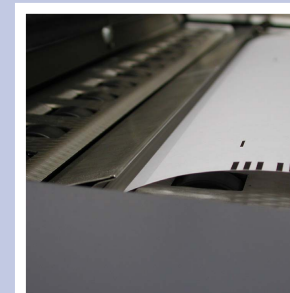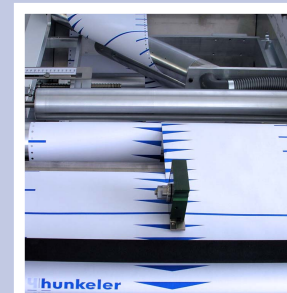| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Stand alone offline, or inline with digital printers | Lightweight and Heavyweight paper application | Electronic variable double cut/chip-out | Production speed up to 600 ft/min (180 m/min) | Couteaux de rive motorisés indépendamment et également jusqu'à trois couteaux longitudinaux | Integrated diverter for set up and error pages | FM6 combines plow-folding and slit-merge functions | WM6-even: cuts the web and merges these within register |

1/8"    2 3/4"