

Cross Cutting Module CS4-2

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Purpose

The CS4-2 cuts continuous paper webs into single sheets.

- on-line from a printer
- off-line from a roll

Method of operation

The paper web, arriving from the preprocessing module, is fed in by the pinless infeed to the cutting cylinder which cuts the paper web using the rotary knife principle. Directly after the cutting process, the sheets are conveyed to the postprocessing module. This can be a large stack output, a buckle folder or another third party module.

If two, three or four stacks shall be delivered side by side, the paper is cut longitudinally and handed over to the large stack delivery via the separating section.

Blank sheets caused by the printer's startup procedure can be automatically diverted using the dynamic diverter and are not passed over to the postprocessing module. Any sheets cut during the setup procedure are automatically ejected via the diverter. The information concerning stack size, offset and delivery is provided by counter, separating marks or bar codes but can also be provided markless by means of control signals from the printer.

Basic equipment

- Basic module with rotary high-performance cutter
- User-friendly machine terminal with display screen
- Casing with safety monitoring

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Technical versions

Register mark reader top, bottom or both sides

Sheet outfeed for sheet lengths starting from 3.5" or 5.5"

Setup diverter or dynamic diverter for sheet lengths starting from 3.5" or 5.5"

With or without holder for longitudinal knives

Infeed with or without WF-V

Longitudinal cut for tow, three or four up production with or without longitudinal gutter cut

Optional equipment

Print mark reader

Barcode reader

Data matrix reader

Edge trim

Evacuation parts

Automatic sync. to register mark

Special technical features

The modular design guarantees the highest possible flexibility. The user-friendly design allows a quick and simple setup and guarantees shortest change-over times. Production can be monitored by means of a display on which information such as processing speed, number of cut sheets, number of stacks etc. can be fetched.

Specifications

Web width	
165mm - 520mm	6.5" - 20.5"

Sheet length	
140mm - 1016mm	5.5" - 40"

Paper weight	
40 - 300g/m2	40 - 300gsm