

Cross-cutting module CS4-wide

with large stack / document delivery or other manufacturer's module



Purpose

The CS4-wide cuts continuous paper webs, with or without remaliner punching, into single sheets.

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

Mode of operations

The paper web, with or without sprocket holes, arriving from a preceding module is fed via the tractors or the pinless drive to the edge trimmer (if necessary) and to the cutting cylinder which cuts the paper web using the rotation principle. Directly after the cutting process, the single sheet is conveyed to the next module. The next module can be a large stacker, a document delivery, or another manufacturer's module (e.g. folding module). These accumulate the sheets until the desired stack height is attained, which may be detected by means of a counter, separation mark or bar code at which point they are passed on to the following module. The waste sheets generated while setting up are ejected via the waste paper gate.

For two-up production, the sheets can be cut lengthways and guided over one another (only with sprocket holes and tractors). If two or three stacks are being delivered alongside one another, the paper is cut lengthways and fed to the stacker via the separating track.

Special technical characteristics

The highest possible flexibility is obtained thanks to the modular design. The user-friendly design enables easy setting up which guarantees the shortest possible change-over times. Production is monitored by means of a display on which information such as processing speed, number of cut sheets, number of stacks etc. can be called up.

Basic modul

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

Technical variants

Tractor drive

- Pin web feed
- Shredder
- Shredder suction unit
- Strip suction unit
- Pinless drive
- Pinless web feed
- Register mark reader (top/ bottom/ both sides)

Additional equipment

Tractor drive

- Large stack output with offset
- Merger unit
- Print mark reader
- Bar code reader
- Loop control
- Separating track for two and three up production

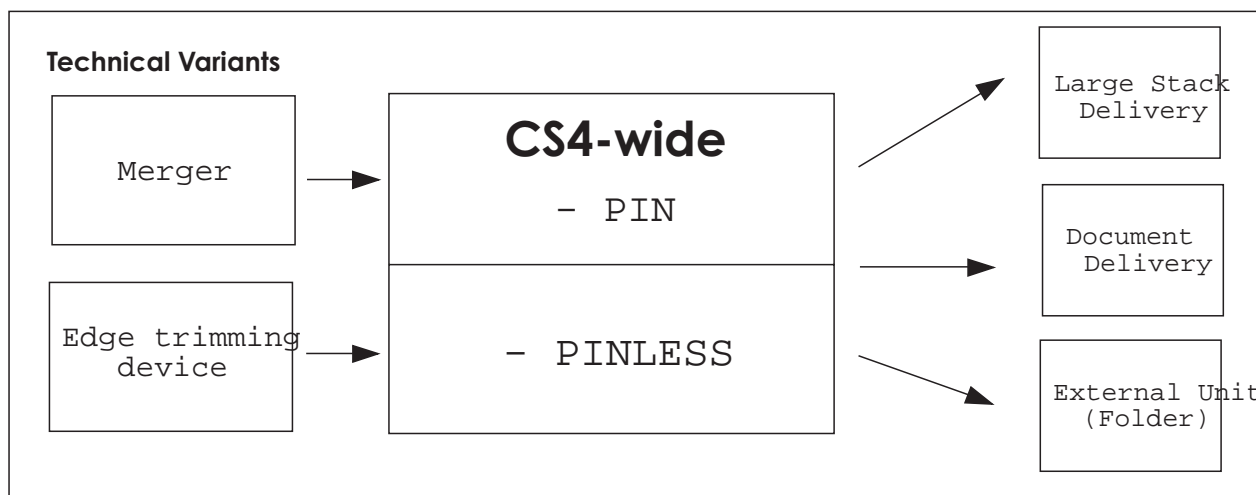
Pinless drive

- Large stack delivery with offset
- Edge trimmer module
- Print mark reader
- Bar code reader
- Strip suction unit
- Chopper suction unit
- Chopper
- Center cut

Technical data

Paper weight:	70 - 150 g/m ² (max. merged weight 90 g/m ²)
Paper web width:	max. 20.5" (520.5 mm) min. 5 ⁵ / ₆ " (148 mm)
Cut length	
Large stack output:	max. 12.5" (317.5 mm) min. 3.5" (89 mm)
External unit (folder):	max. 40" (1016 mm) min. 5 ⁵ / ₆ " (148 mm)
Max. stack height	
Large stack output:	200 mm
Cutting resolution:	1/ ₁₂₀ Inch
Speed:	max. 80 m/min.
Electrical connection:	208-230 VAC ± 10% LNPE / 2LPE 50/60 Hz
Fusing:	16 AT
Apparent power:	ca. 1.3 kW=4436 BTU/h (without Merger) ca. 1.5 kW=5118 BTU/h (with Merger)

The data given apply to standard applications/installations. We reserve the right to make changes to the technical data or to our products, as a result of technical improvements. The exact specifications for the goods to be supplied will be contractually agreed for each individual case.



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