

The CMT-130TC is a hydraulic single-knife book trimmer with robotized book rotation that provides the same functionality as a three-knife trimmer but at lower cost and with consistent product quality.

This fully automated three-side book trimmer finishing solution is designed for on-demand and short-run digitally printed perfect-bound books. It is capable of fulfilling a combination of both Off-Line and In-Line feeding systems with the Bourg Binder BB3x02 family.



With the proper configuration of feeding components, the CMT-130TC is capable of automatically switching, as needed, between feeding books directly from an attached Bourg Binder BB3x02 OR from a manually loaded Off-Line book pile feeder system. If one system is waiting for its next book, the other system can feed the trimmer to maximize production throughput.



Robotized book repositioning for three-sides cut



Maximum speed in multiple book mode of up to 500 books/hour



Stack up to three books per cutting cycle



Hydraulic clamping and cutting action: cut through books up to 50,8 mm (2.00 in) thick



Precision knife depth control: full control of knife stroke depth, reduces wear to cut sticks and the need for continued knife adjustments



Operational simplicity: smart self-diagnostic assistances and error-indication



Variable mode data entry with up to 99 jobs stored in memory

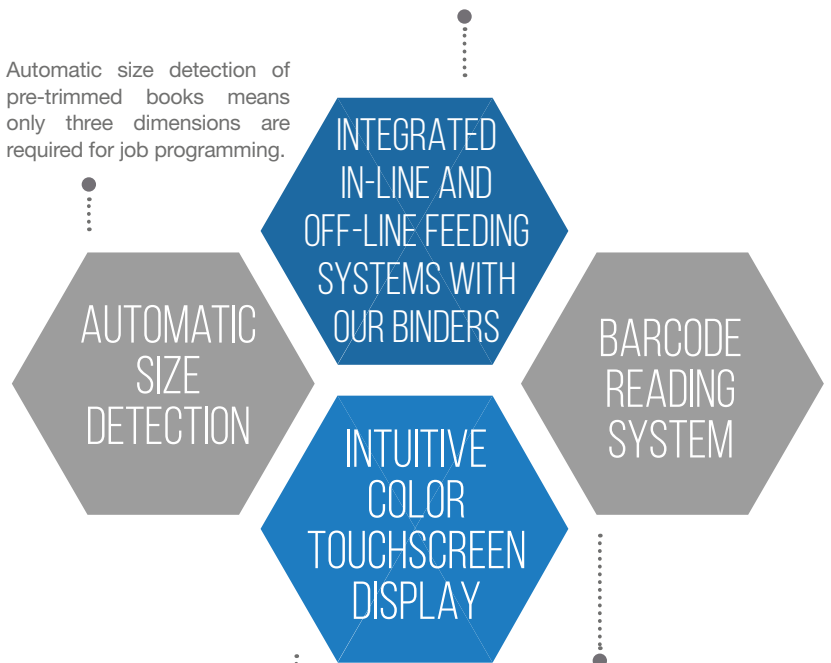


Sturdy steel and cast-iron long lasting design



No tools are required to perform manual adjustments or exchange book clamps

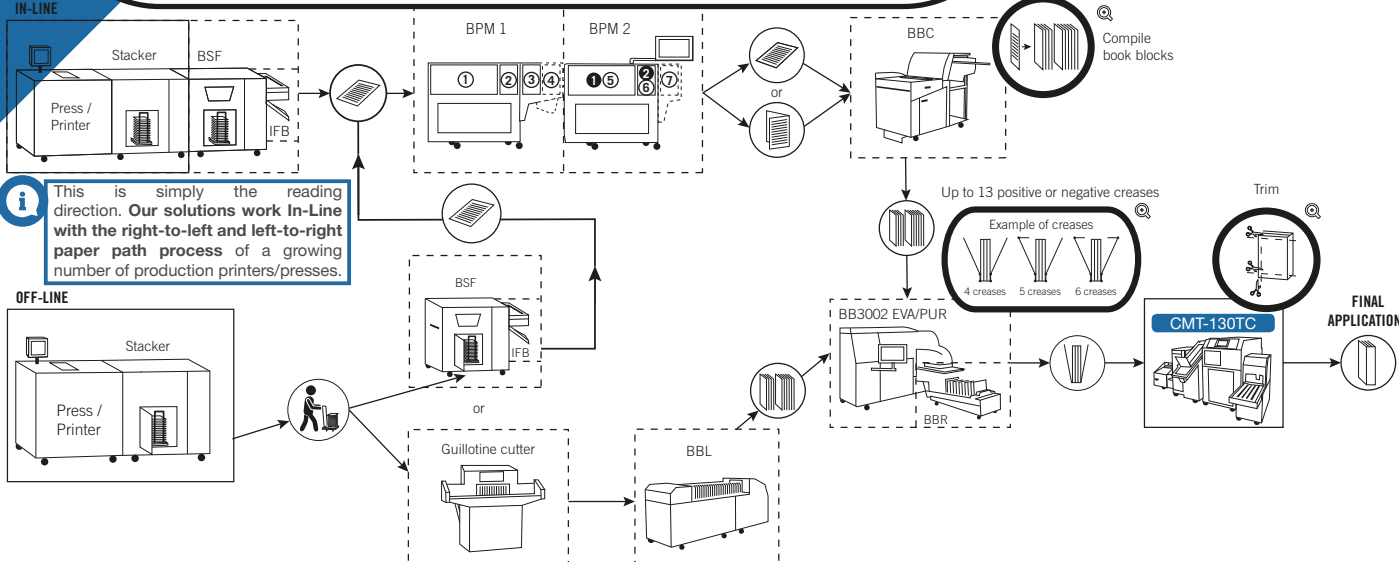
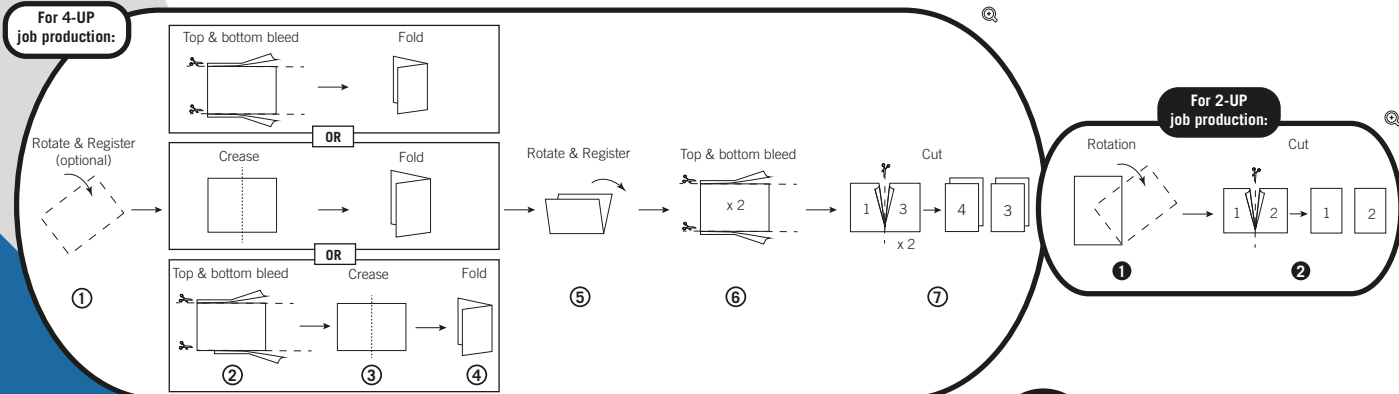
Automatic size detection of pre-trimmed books means only three dimensions are required for job programming.



Intuitive 10.5" (26,7 cm) color touchscreen display provides a clear & easy-to-read image of the trimming system. Automatic starting book size detection simplifies the required job parameters making job entry quick and easy. Follow each book as it travels through the system on live graphical display,

Integrated barcode reading system's 1D/2D enables true fully-automated book-of-one production by automating job set-up.





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## TECHNICAL SPECIFICATIONS

### Media

Maximum speed single book mode	200 books/hour
Maximum speed multiple book mode	500 books/hour

### TRIM

Minimum (all sides)	2,5 mm (0.1 in)
Maximum Top	152 mm (5.98 in)
Maximum Bottom	89 mm (3.50 in)
Maximum Face	140 mm (5.51 in)

### Physical

Dimensions (L x W x H)	144,8 x 132,1 x 152,4 cm (57 x 52 x 60 in)
Weight	680 kg (1,500 lbs)
Floor loading	3,73 kg/cm <sup>3</sup> (53 PSI)
Waste bin capacity	164 liters (43 gallons)
Oil capacity	19 liters (5 gallons)
Knife re-grind	6,4 mm (0.25 in)

### Electrical

Power supply (standard motor)	208/230V ±10%, 60Hz, 3 phase, 20A
Power supply (optional motor)	380/415V ±10%, 50Hz, 3 phase, 12A

### Options/Accessories

Barcode reader & imposition solutions

### Connectability

Bourg Binder BB3x02 EVA / Hot melt / PUR-C family	Exit conveyor
Near-Line Book Pile Feeder	In-Line conveyor
In-Line Cooling Tower	Output Vertical Stacker

### Air supply

Requires compressed air (compressor not included) & constant air quality: see the website for more information

## MEDIA SIZES

