

HT-110 THREE-KNIFE TRIMMER



960 Brook Road, Unit 3
Conshohocken, PA 19428
(215) 425-0300

Achieves highly accurate setups with easy and simple operation.

- A trimming cycle can be adjusted in 13 stages from 400 to 1,600 cycles per hour. By accumulating 4 books at once at the stack stream unit, a productivity of 6,000 books per hour* can be achieved. *In the case of CABS6000
- Rigid framing and durable structure provide the utmost in trimming accuracy.



1 TOUCH PANEL DISPLAY

The trimmer is simple and easy to operate, with all necessary settings performed through the large, icon-based color touch panel. If the system has an error, the error type and location are indicated for quick recovery.



3 CHUCK PLATE RECOGNITION DEVICE

LED lamps light up to indicate which chuck plate is suitable for each book size. Replacement of the chuck plate is fast and easy.



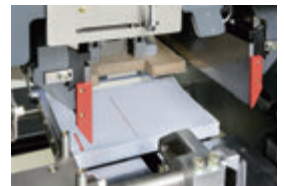
2 INFEEED SECTION

A pressing unit in the infeed section compresses the books to remove air for reduced bulk and accurate trimming.



4 TRIMMING SECTION

The height of each knife and the angle of the fore-edge knife can be adjusted through the color touch panel during operation. Trimmings are blown away from the knife by strong air from the nozzles mounted on the knife holders.



Options for HT-110

TB-110 TRIMMINGS BLOWER

- The three-knife trimming waste is extracted by the trimmings blower.



PLATE FOR TRIMMING FOR EACH SIZE

- Press plate and cutting plate for each size are available as options.



Press Plate



Cutting Plate

MG-600	
Module Configuration	MG-600a / MG-600b / MG-600b / MG-600c / MG-600b / MG-600b
Number of Hopper	6 hoppers / 12 hoppers / 18 hoppers / 24 hoppers / 30 hoppers / 36 hoppers
Sheet Size	Max. W385 x L275 mm or 15.15" x 10.8" Min. W148 x L105 mm or 5.83" x 4.14"
Sheet Weight Range	Normal Signature sheet Single Sheet: 64 gsm of Normal Paper, 85 gsm of Coated Paper
Bin Stack Height	Normal paper signature : Max. 300 mm or 11.81" Coated paper signature : Max. 150 mm or 5.90"
Max. Transport Thickness	Max. 50 mm or 1.96"
Production Speed	Max. 6,000 sets per hour
Voltage/ Frequency	3-phase 200 to 220 V, 50 or 60 Hz 3-phase 380 or 400 or 415 V, 50 or 60 Hz (Step down to 200 V by Transformer)
Machine Dimensions	MG-600a : W3,200 x D1,180 x H1,690 mm or W126.0" x D46.5" x H66.6"
	MG-600b/c : W2,860 x D1,180 x H1,690 mm or W112.6" x D46.5" x H66.6"

CBF-SB	
Book Block Size	 Spine Length x Fore-edge Length Max. 385 x 320 mm or 15.15" x 12.59" Min. 148 x 105 mm or 5.83" x 4.13"
Book Block Thickness	Min. 3 mm or 0.12" Max. 50 mm or 1.96" (When SB-17 is connected) 45 mm or 1.77" (When SB-09V is connected)
Cover Weight Range	Sheet Weight Range of Book Block (Book block which is not tentatively pastebound.) Leaf: Normal Paper: From 81.4 gsm Coated Paper: From 104.7 gsm Signature: 0.6 mm (Normal paper 64 gsm 16-page cross fold) 0.7 mm (Coated paper 104.7 gsm 16-page cross fold)
Production Speed	Max. 3,000 cycles per hour (Maximum 6,000 cycles per hour when using a collator.)
Voltage/ Frequency	3-phase 200 V, 50 or 60 Hz
Machine Dimensions	Main Body + Buffer Conveyor (3 m) W4,100 x D3,100 x H1,400 or W161.5" x D122.1" x H55.2" (When the casters are on the ground.)

HT-110		
Untrimmed Book Size		Spine Length x Fore-edge Length
Finished Book Size		Max. 410 x 320 mm or 16.14" x 12.59" Min. 148 x 105 mm or 5.83" x 4.14"
Trim Width	Fore-edge : Max. 45 mm or 1.77" (Maximum trim width for fore-edge is 23 mm when the finishing size is A4E-Landscape.)	
Trim Height	Top and Bottom : Max. 30 mm or 1.18" each	
Standard Size Trimmed by Standard Accessory	A4, 8.5" x 11", A5, 5.5" x 8.5" (+/- 3 mm or 0.11")	
Clamp System and Load	Operated by Servo Motor 4 kN to 12 kN or 800 to 2,400 lb (Adjustable in 9 steps)	
Production Speed	400 to 1,600 cycles (Adjustable in 13 steps)	
Voltage/ Frequency	3-phase 220 V, 50 or 60 Hz (Step down to 200 V by Transformer) 3-phase 400 V, 50 or 60 Hz (Step down to 200 V by Transformer)	
Machine Dimensions	Main Body : W1,950 x D2,150 x H1,910 (including pole lamp) mm or 76.8" x 84.7" x 75.2"	
	Power Box : W510 x D1,000 x H1,450 mm or 20.1" x 39.4" x 57.1"	

- * a. Max. 50 mm or 1.96" for books which measure 145 mm or 5.71" or shorter length between spine and fore-edge
 b. Limitation for books which have a finished length of 325 mm or 12.80" or longer between top and bottom
 For example : Max. 55 mm or 2.16" for books which measure 400 mm or 15.74" between top and bottom before trimming
 Max. 80 mm or 3.14" for books which have a length of 364 mm or 14.33" between top and bottom before trimming

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