

Horizon

Three-knife Trimmer HT-70

HT-70



Quick make-ready three-knife trimmer combined with space-saving design and easy operation.

The Horizon HT-70 is an in-line or off-line three-knife trimmer that produces precise, clean cuts with no rough edges at speeds up to 1,000 cycles per hour. The LCD display console steps the operator through set-up and changeover, and provides continuous updates on system status. The HT-70 will accept a variable lift size up to 50 mm (2") thick. Changeovers are accomplished in under 10 minutes, and all adjustments are external to the knife area for added safety. An advanced interlock system provides enhanced operator safety.

Features

Space-saving Design

The HT-70 is capable of doing big jobs but requires only a small amount of floor space, taking up 1/3 less space than all its competitors.

Easy Operation

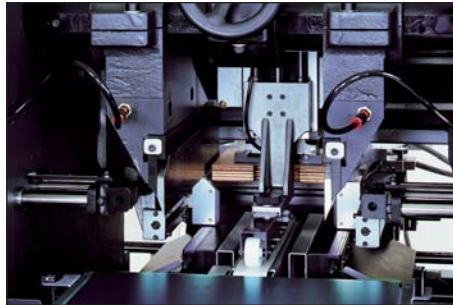
The liquid crystal display panel gives simple instructions for guidance and ease in operation; no experience required.

Quick Adjustment to Book Size

The HT-70 is quick to adjust to book size, taking less than 10 minutes per adjustment. To add, for ease and safety, the cutting base does not require removal or replacement, while the top and bottom guards can be adjusted from outside the machine.

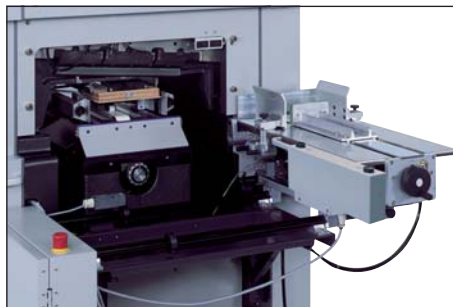


Functions



BOOKLET FEEDER

One or more booklets up to 5 cm in total height can be fed into the HT-70 at one time.



CHANGE-OVER PROCESS

Size adjustments for various booklets are easily controlled by the simple alteration of the right-hand tab, which slides out for further ease and safety.



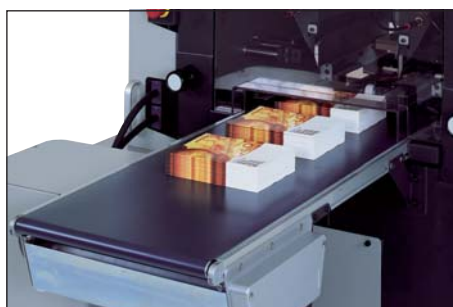
TRIMMING PROCESS

The cutting knives fall at a 30 degrees angle for precise, clean cuts that leave no rough edges. The clamps adjust to the weight and delicacy of the paper stock by applying the correct pressure from a range of 150 kg to 1,000 kg. Air holes in the knives blow away any paper trimmings for easy clean-up and maintenance.



CONTROL SYSTEM

The liquid crystal display panel is designed to monitor every step of the trimming process, checking for errors and providing information for smooth, continuous runs.



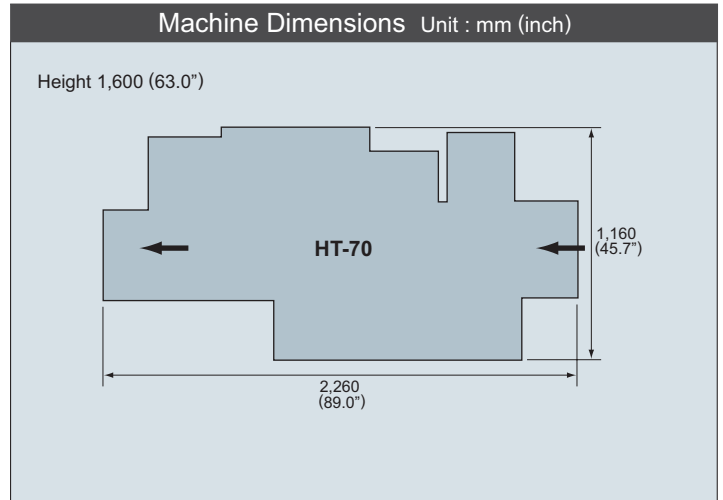
CONVEYOR SYSTEM

The delivery belt lifts up to carry away the finished booklet to the conveyor belt, keeping them in neat, aligned piles.



HT-70 Major Specifications	
Untrimmed Book Size	Max. 330 x 330 mm (12.99" x 12.99")
	Min. 148 x 105 mm (5.83" x 4.14")
Trimmed Book Size	Max. 300 x 300 mm (11.81" x 11.81")
	Min. 142 x 100 mm (5.60" x 3.94")
Trim Thickness	Max. 50.8 mm (2.0")
Standard Size Trimmed by Standard Accessory	A4T / A4Y / A5T / A5Y / A6T / B5T / B5Y / B6T (T: Portrait, Y: Landscape)
Clamp and Pressure	Hydraulically Operated
	Steplessly variable adjustment within the range from 1.5 to 9.8 kN (150 to 1,000 kgf)
Production Speed	Max. 800 cycles/hr. (A4T)
Table Height	865 mm (34.0")
Voltage / Frequency	3-Phase 200 V, 50 / 60 Hz
	3-Phase 220 / 240 V, 60 Hz
	3-Phase 380 / 400 / 415 V, 50 Hz
Rated Current	200 V, 50 / 60 Hz, 8.9 / 8.5 A
	220 V, 60 Hz, 9.7 A
	240 V, 60 Hz, 7.0 A
	380 V, 50 Hz, 6.3 A
Power Consumption	400 / 415 V, 50 Hz, 6.0 A
	200 V, 50 / 60 Hz, 1.2 / 1.6 kW
	220 V, 60 Hz, 2.85 kW
	240 V, 60 Hz, 2.19 kW
Heat Output	380 / 400 / 415 V, 50 Hz, 3.3 kW
Motors	3,190 kJ (760 kcal)
	1.5 kW x 1 / 0.75 kW x 2 / 60 W x 1 / 25W x 1
Machine Dimensions	1,160(W) x 2,260(D) x 1,600(H) mm (45.7" x 89.0" x 63.0")
Noise Level	L _A peak : 91.1 dB / L _{Aeq} : 77.9 dB
Machine Weight	Main Body : 1,530 kg (3,373 lb.)
	Compressor : 53 kg (116 lb.)

*The machine design and specifications are subject to change without any notice.



Manufactured by
Taiyo Seiki Co., Ltd.

Distributed by



HORIZON INTERNATIONAL, INC.

510 Kuze Ooyabu-cho, Minami-ku, Kyoto, 601-8206, Japan Phone : +81-(0)75-934-6700, Fax : +81-(0)75-934-6708, www.horizon.co.jp