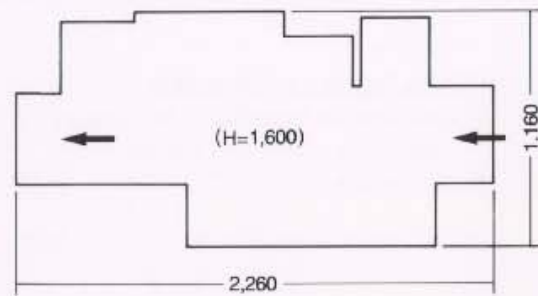


Major Specifications

Cutter Knife Motion	Mechanical Diagonal Cut	Trimming Accuracy	Within 0.5 mm (0.02")
Max. Untrimmed Size	330 x 330 mm (12.9" x 12.9")	Knife Material	Tungsten Carbide
Max. Trimmed Size	300 x 300 mm (11.8" x 11.8")	Power	200 V, 50 / 60 Hz, 3-Phase 220 / 240 V, 50 / 60 Hz, 3-Phase 380 / 400 / 415 V, 50/60Hz, 3-Phase
Min. Trimmed Size	100 x 142 mm (4" x 5.6")	Power Consumption	3kw
Standard Trimmed Size (T: Portrait Y: Landscape)	A4T, A4Y, A5T, A5Y, A6T, B5T, B5Y, B6T and Irregular sizes	Machine Weight	1,530 kg (3,374 lb)
Lift	50.8 mm (2") (Max. pile height for a batch of trimming)	Machine Dimension	2,260 (W) x 1,160 (D) x 1,600 (H) mm (89" x 45.7" x 63")
Mechanical Speed	1,000 cycles / hour (A4T)		
Clamping System	Hydraulically Operated		
Clamping Pressure	Steplessly variable adjustment within the range from 150 to 1,000 kg		

Installation Space

HT-70 (mm)



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HORIZON INTERNATIONAL, INC.

510 Kuze Ooyabu-cho, Minami-ku, Kyoto 601, Japan Phone: 075-934-6700, Fax: 075-934-6708 Telex: 05429-961 HORIZON J

Automatic Paper Cutting Machine

Compact Three-knife Trimmer

HT-70



STATE-OF-THE-ART TECHNOLOGY
FOR
THE ART OF BOOKBINDING

Horizon

electronics

THE HT-70, A CUT ABOVE THE REST

IT ALL BEGAN ON THE DRAWING BOARD: THE IDEAS BEHIND THE CONCEPT

Too large, heavy and costly; difficult to use; requires a skilled operator.

These were key problems with trimming machines already on the market; but then came HORIZON and its HT-70. The key words behind the concept of this three-knife trimmer were **COMPACT, EASY AND SAFE TO USE, AND NO NEED FOR A PROFESSIONAL.**

For greater strength and durability, the body of the HT-70 is a one-cast frame.

The control panel detects and displays errors as they occur, for smooth function and operational ease.

The cutting sticks and knives have been fine-tuned to function successively, for error-free operation.

The HT-70 has been designed for future alignment with other HORIZON products such as BQ-440 and SB-08 (new Horizon 8 clamps bookbinding machine) for a complete in-line system.

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.



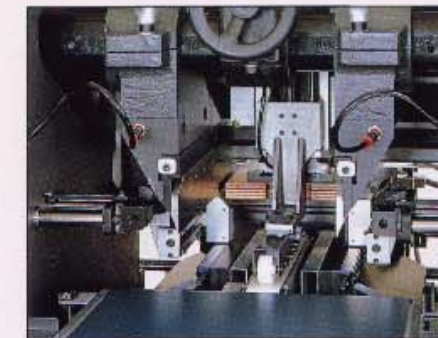
Functions



THE BOOKLET FEEDER

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

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.



THE TRIMMING PROCESS

The cutting knives fall at a 30° 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.

THE 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.



THE CONVEYOR SYSTEM

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

