

Horizon

SB-09

NEW

9-Clamp Perfect Binder

The most advanced Horizon finishing technology concentrated into a groundbreaking new compact, high-speed perfect binding system.



Major Specifications

Number of Clamps	9
Book Size	Landscape : Off-line Max. 400(W) x 280(H) mm (15.7" x 11") Min. 148(W) x 105(H) mm (5.9" x 4.2") (A6) Landscape : In-line Max. 330(W) x 250(H) mm (12.9" x 9.8") Min. 148(W) x 105(H) mm (5.9" x 4.2") (A6) Portrait : Off-line Max. 330(W) x 320(H) mm (12.9" x 12.5") Min. 135(W) x 185(H) mm (5.4" x 7.3") (B6)
Book Thickness	1 to 45 mm (0.04" to 1.7")
Cover Size	Max. 400 x 660 mm (15.74" x 25.98")
(Top-Bottom x Fore-edge)	Min. 135 x 220 mm (5.32" x 8.67")
Cover Weight Range	82 to 302 gsm Normal Paper, 105 to 348 gsm Coated Paper

Cover Pile Height	Max. 130 mm (5.1")
Warm Up Time	Self-start Timmer as standard
Tank Temperature	160 to 200 °C
Milling Max. Trim Depth	4 mm (0.15") (Depends on the sheet weight.)
Production Speed	Max. 4,000 books/hr.
Voltage / Frequency	3-Phase 200 V, 50 / 60 Hz
Rated Current	23 A / 50 Hz, 25 A / 60 Hz
Power Consumption	7.6 kW / 50 Hz, 8.5 kW / 60 Hz
Machine Dimensions	Stand Alone (with U-09, AC-08) : 4,520(W) x 2,425(D) x 1,660(H) mm (178.0" x 95.5" x 65.4") System (with S-09) : 4,900(W) x 1,570(D) x 1,660(H) mm (193.0" x 61.9" x 65.4")
Machine Weight	Stand Alone (with U-09) : 2,780 kg (6,130 lb)
(without Delivery)	System (with S-09) : 2,860 kg (6,306 lb)

9-Clamp Perfect Binder **SB-09**

The SB-09 is a compact 9-clamp binding machine with semi-automated set-up and simple touch-screen operation. The SB-09 can be integrated with Gatherers and a Three-knife Trimmer to create an in-line book production system. Maximum production speed: 4,000 books/hr.

1. Provides maximum productivity in short to mid-range runs, with maximum speeds of 4,000 books/hr.
2. Major system set-ups are performed automatically and book size or book thickness changeover can be achieved within 3 minutes. The SB-09 provides easy changeover in high-mix low-volume production.
3. Scoring and cover registration sections are set automatically from the input book size data for square accurate spines from the first to the last book.
4. Revolutionary seesaw style feed plate for increased space efficiency.
5. The SB-09 can be extended to a Gatherer/Binder/Three-knife Trimmer, in-line book production system.

Operation Console

- ◆ The 10.4-inch large color LCD screen provides simple and easy operation. Book size input, function set-ups, and micro-adjustments for each section are available through this icon based screen.

Cover and Book Registration

- ◆ A built-in matching mechanism guarantees the precise alignment of the cover to the book during high-speed operation.

Cover Feeder / Scoring Section

- ◆ Covers can be loaded on-the-run.
- ◆ The cover-scoring wheel is set-up automatically from the input book size data.

Delivery Section

- ◆ The seesaw conveyor and guide set up automatically from the book thickness & take finished booklets and send them to the delivery conveyor in minimum space.

Gluing

- ◆ Two application rollers ensure the hot melt glue penetrates deep into the book for stronger binds.
- ◆ Side gluing set-up can be performed through the control panel.

In-Feed Section

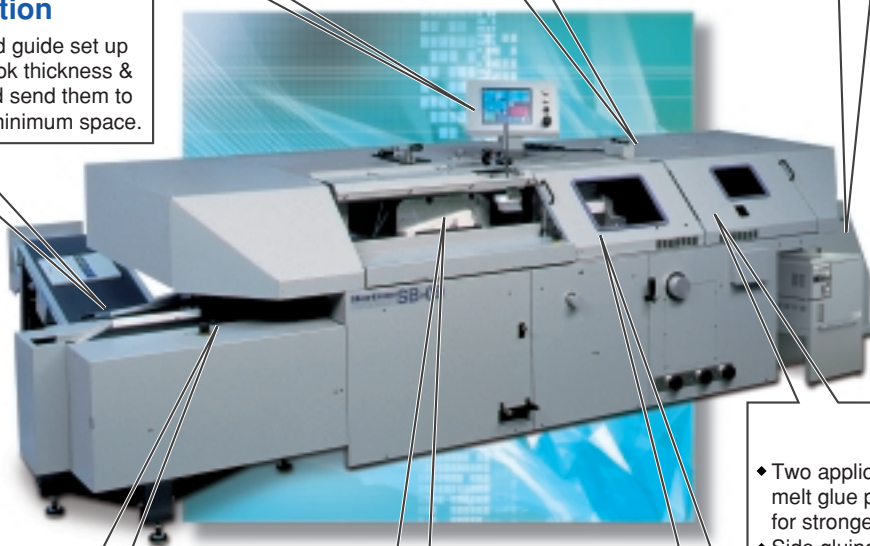
- ◆ Revolutionary seesaw style feed plate is employed for space efficiency.

Hand Feed Section

- ◆ Simple lever clamp adjustment for spine changes up to 1 cm.
- ◆ Comfortable working space at guarded in-feed station for maximum safety.

Milling

- ◆ Milling height, rotation speed, and notching pitch can be adjusted through the control panel.
- ◆ Simple changeover between binding with milling and binding without milling.



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

Distributed by

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