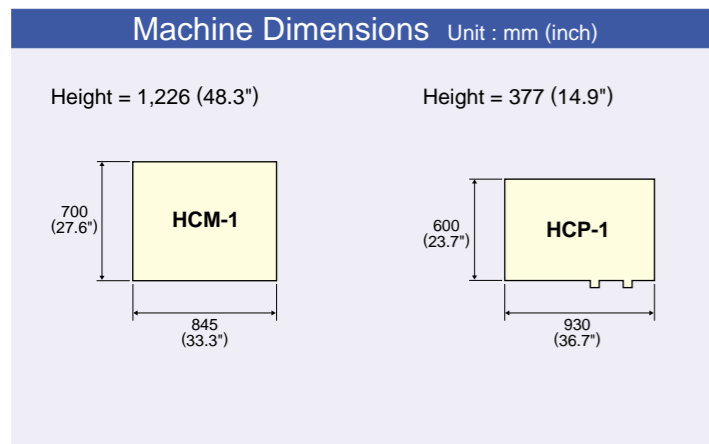


Horizon

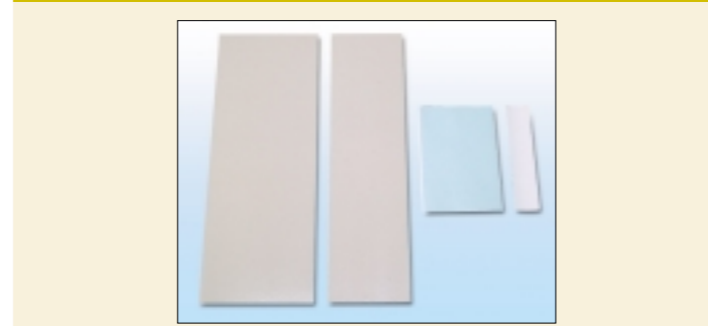
HCM-1/HCP-1

HCM-1 Major Specifications		
Book Size	Book Block (Top-Bottom x Fore-edge)	A4, A5, A5E Max. 297 x 215.9 mm (11.69" x 8.5") Min. 133.7 x 136.7 mm (5.27" x 5.39")
	Cover Material (Top-Bottom x Fore-edge)	Max. 333 x 502.8 mm (13.11" x 19.79") Min. 169.7 x 322.4 mm (6.69" x 12.70")
	Front and Back Board (Top-Bottom x Fore-edge)	Max. 303 x 212.9 mm (11.92" x 8.38") Min. 139.7 x 133.7 mm (5.50" x 5.27")
	Spine Board (Top-Bottom x Width)	Max. 303 x 29 mm (11.92" x 1.14") Min. 139.7 x 7 mm (5.50" x 0.28")
Book Block Thickness	3 to 25 mm (0.12" to 0.98")	
Weight Range	Cover Material	104 gsm to 160 gsm
	Board Material	Both faces pre-glued (supplied as consumables)
Warm up Time	20 min.	
Heater Temperature	80 to 140 degrees Celsius (166 to 284 F)	
Production Speed	Max. 40 books/hr.	
Voltage / Frequency	Single Phase 100 V, 50 / 60 Hz 230 V, 50 Hz	
Rated Current	Single Phase 100 V	50 / 60 Hz 10.0 A
	Single Phase 230 V	50 Hz 5.0 A
Power Consumption	Single Phase 100 V	50 / 60 Hz 1.0 kW
	Single Phase 230 V	50 Hz 1.1 kW
Heat Output	2,380 kJ (570 kcal)	
Heaters	800 W x 1 / 200 W x 1	
Machine Dimensions	845(W) x 700(D) x 1,226(H) mm (33.3" x 27.6" x 48.3")	
Machine Weight	217 kg (478.5 lb)	

HCP-1 Major Specifications		
Book Size	Book Block (Top-Bottom x Fore-edge)	A4, A5, A5E Max. 297 x 215.9 mm (11.69" x 8.5") Min. 133.7 x 136.7 mm (5.27" x 5.39")
	Book Block Thickness	3 to 25 mm (0.12" to 0.98")
Warm up Time	25 min.	
Heater Temperature	80 to 130 degrees Celsius	
Production Speed	Max. 50 books/hr.	
Voltage / Frequency	Single Phase 100 V, 50 / 60 Hz 230 V, 50 Hz	
Rated Current	Single Phase 100 V	50 / 60 Hz 12.0 A
	Single Phase 230 V	50 Hz 5.1 A
Power Consumption	Single Phase 100 V	50 / 60 Hz 1.2 kW
	Single Phase 230 V	50 Hz 1.16 kW
Heat Output	2,190 kJ (520 kcal)	
Motors	90 W x 1 / 6 W x 1	
Heaters	800 W x 1 / 150 W x 2	
Machine Dimensions	930(W) x 600(D) x 377(H) mm (36.7" x 23.7" x 14.9")	
Machine Weight	96 kg (211.7 lb)	



HCM-1/HCP-1 Consumables



Board for A4 size	303 x 800 x 2.2(Thickness) (11.92" x 31.49" x 0.08")	50 sheets
	0.1 mm pre-glued on both sides	
Board for A5 size	216 x 800 x 2.2(Thickness) (8.50" x 31.49" x 0.08")	50 sheets
	0.1 mm pre-glued on both sides	
End Paper	220 x 320 mm (8.66" x 12.59")	100 sheets
	Normal Paper 128 gsm Single Fold Adhesive coated on one side	
Lining	70(W) x 320(L) mm (2.75" x 12.59")	100 sheets
	Pre-glued on one side	

Manufactured by : Taiyo Seiki Co., Ltd.



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

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040731/SN/HCM1HCP1/00E/TV

Hard Cover Case Binding Was Never Easy... Until Now



On Demand Case Binding System

The Innovative Horizon Case Binding System Delivers Easy, Efficient Short Run Case Binding


Features

- **User-friendly**..... Entire case binding process including case making and joint forming can be done at the push of a button.
- **On Demand Binding**.. Personalized or single edition case binding can be produced in house, on demand.
- **Economical Binding**... The system requires no manual glue application. Consumable waste and supply inventory management problems disappear.
- **Original Cover**..... Each original casebound book is completed with a specially prepared and printed cover.
- **Touch-screen Input**.... Case preparation set-ups are performed via the touch screen display simply by inputting the book block size.

*1 Lamination is recommended for digital color output.

HCM-1 : Hard Cover Maker

Touch Screen Display



- By inputting the book size, the display will indicate the proper cover sheet and cardboard sizes.
- 20 different job settings can be stored in the memory.

Cardboard Attachment

- The cardboard is attached to the cover sheet with a heated roller by simply pressing a button.

Case Making

- The edge of the cover sheet is folded automatically by simply inserting the cardboard.



HCP-1 : Hard Cover Press

Joint Forming

- The case and book block are heat-pressed to form the complete book.
- The heat-pressing time can be adjusted as needed.

Joint Forming

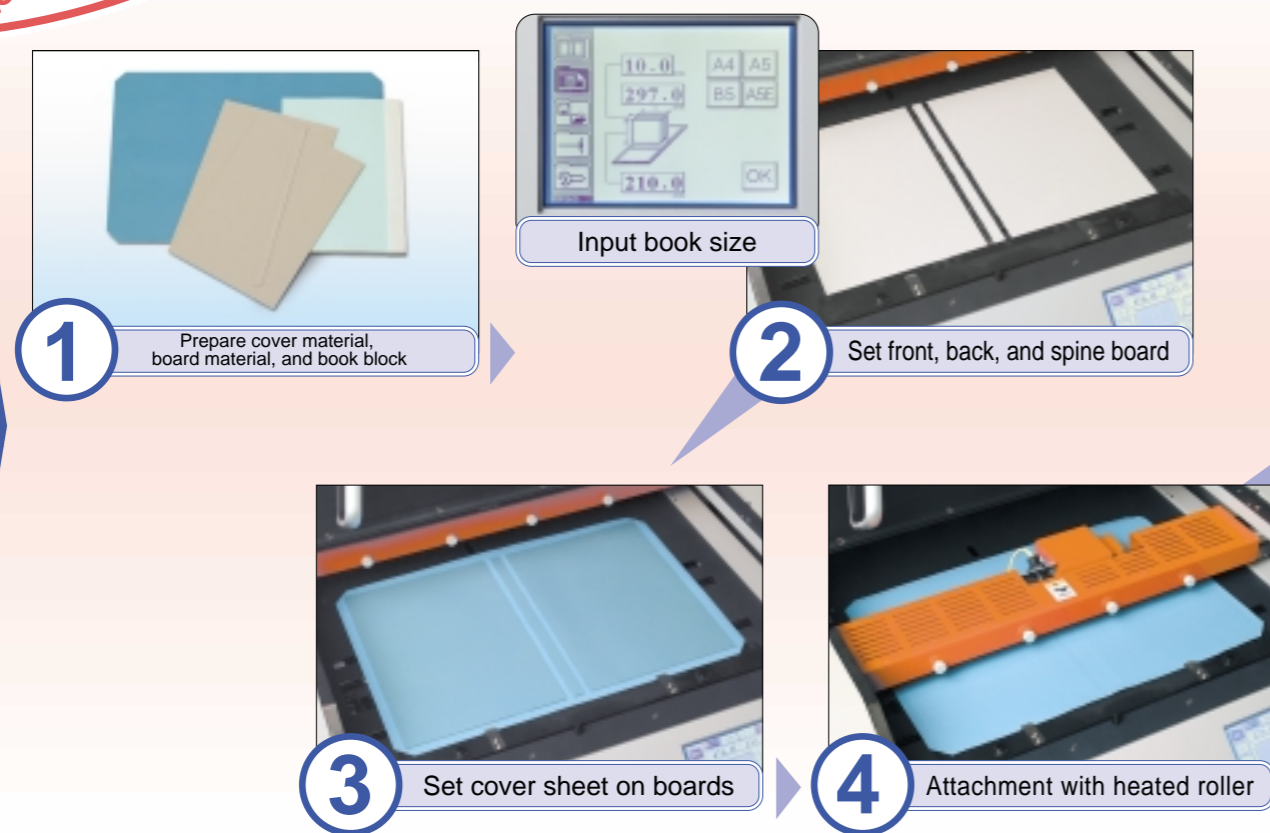
- By simply inserting the case prepared in the HCM-1, the casing-in and joint forming processes are performed automatically.
- The joint forming process does not require any special operator skills.

* HCP-1 Hard Cover Press table is not included in the system.

User-friendly Operation

Hard Cover Case Binding Was Never Easy... Until Now.

5 Easy Steps Case Making



2 Steps Case & Book Block Attaching

