



SPECIAL PURPOSE SYSTEMS FOR BOOK BINDING

for finishing of Hard-Cover/Perfect-Bound Books, Diaries, Dictionaries & Directories etc.

Joint Forming Press

Pressing of cased-in books and simultaneous burning-in of the JOINTS for forming perfect hinge and permanent shape with the help of temperature-controlled pressure blades (*Joint Forming Bars*) for Flat or Rounded Spine of Book-Blocks



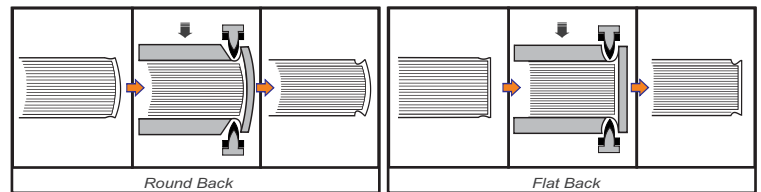
These blades are spring loaded for adjusting to different depth of joints automatically and hydraulic pressure can be set from 100-300/400kgs to achieve the desired results. The bars (*Joint Formers*) are supplied for Flat and Rounded Spine Book-backs respectively.

Temperature of the Joint Formers is set through Digital Temperature Controller (*PID*) to suit properties of Glue (*Adhesive*), Binding material and operating speed. The PLC (*Programmable Logic Controller*) enables choice of single or multiple stroke/s for accurate control of burning-in the Joints and consistent results. Counter on PLC indicates number of books processed at the end of each cycle.

The system automatically releases the book on completion of the set timing cycle. Back-gauge (*setting handle mounted on the front panel*) is provided for faster make-ready / production; Light Guide indicates the Joint Forming position and also reduces the make-ready time. Specially designed operator Safety Device in addition to Emergency Switch incorporated.

Provision for Joint Forming of foam padded cases available.

PLC based control panel for optimum reliability and simplified diagnostics. Press equipped with Castors for maximum space saving / utilisation.



Technical Specifications

Description	Unit	JFP 4141	JFP 4848	JFP 6550
Book Block Size	mm	410x410	480x480	650x500
Book Spine (Min-Max)	mm	10 - 110	10 - 110	10 - 110
Book Height (Min-Max)	mm	150 - 410	150 - 480	200 - 500
System Clamp Pressure (Adjustable)	kgs	2500	4000	5000
Joint Bar Pressure (Adjustable)	kgs	100 - 300	100 - 400	100 - 400
Electrical Load / Motor	kw / HP	1.5 / 2	1.5 / 2	2.25 / 3
Electrical Supply		380 / 415V AC 50 Hz 3Ph		
Hydraulic Oil Capacity	ltrs	35	35	35
Overall Dimension (WxDxH)	cms	70x105x140	88x120x135	94x140x140
Net Weight (Approx.)	kgs	450	500	650



Bundling Press



Nipping Press



Smashing & Nipping Press



Nipping & Smashing OL



Book Spine Pre-Gluer

JOY'S experience and knowledge of book-binding acquired in the past two decades is reflected in the competence, quality standards, using indigenous inputs and dedication in search of new solutions for producing excellent finished books, magazines and stationery items through the most economical means.

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