Plockmatic Group

morgana

Morgana NovaBind 300



Entry level Perfect Bind solution for mid-range run lengths

The Morgana NovaBind 300 is a best-in-class Hotmelt Perfect Bind solution. With an extensive range of features and capabilities, this new model features high level specifications - offered at entry-level pricing.

Vacuum assisted auto cover-feeding, paired with corresponding auto-adjustment of the spine and hinge crease, based on the actual measured thickness of each individually inserted book-block. This reduces operator time in-between binding cycles to virtually zero. Just load, press, unload and repeat.

The intuitive UI controls found in the 10" 4C Smart-screen offers full control over all aspects of the binding process. Screen settings provides smooth settings of nip time, nip pressure 10-100%, nip offset (square/round spine), nip on/off, mill on/off, cover crease on/off with option to run manual cover feed or do block padding only (w/o cover).

Paired with Morgana's functionality and safety design features such as two-hand safety controls; heat cut-off fuse safety technology; milling auto-brake; auto-thickness measurement; separate side-glue tank; reverse spinner; cover auto-feed; auto-width spine/hinge crease and built-in cyclon paper dust extraction, the Morgana NovaBind 300 performs second to none in its class.

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Specifications

Speed:	~ 160 Books per hour
Book size Max:	Spine-L340mm x W320mm
Book size Min:	Spine-L70mm x W120mm
Cover size Max:	Spine-L340mm x W660mm
Cover size Min:	Spine-L210 x W300mm (Auto-feed); L100 x W300mm (Manual)
Cover Weight:	120 ~ 300GSM (Auto-feed); ~400GSM (Manual)
Manual Controls;	Nip Station horizontal balance
Dimensions:	H1265/1420 x W1960 x D800mm;
Weight:	420kg
Power requirements:	10A 220-240V 50/60Hz (1-phase). (Air Compressor not included)

1-Clamp; Linear Guide-rail controlled; for Book Block thickness 1-60mm
Two-hand Safety Controls & Primary Power EMO
Top Hatch Safety with Interlock incl. Fume Evacuation Fan (with connector)
10" UI Smart-screen
Integrated book Auto-thickness reader
Vacuum Cover Feed with Spine/Hinge Roll-Crease Width-Auto-Adjustment
Auto Safety-brake 24-Teeth Mill & Notch
Open 2-Tank; Multi-element-heated with Heat cut-off fuseTechnology; 2-Roll set-up + Reverse Spinner-roll
Supports both PO and EVA glue
Cyclone paper dust extraction
UI controlled nip time; nip pressure; nip offset; nip on/off; mill on/off; glue temperature; block/cover offset; cover/spine tri-flex positioning
Detachable side-stand on casters with tilted storage station for effective cooling of books

*Disclaimer As part of our continued product improvement plan, specifications and information published here are subject to change without notice. All specifications are dependent on application, type of stock, temperature, RH and print engine used. Specifications quoted were measured on uncoated and unprinted stock. E & OE.