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 25cm 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.

Specifications

Speed:	Up to 220 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 control; Cover spine crease depth control; Cover sheet skew control; Cover sheet backstop control; Book block trail edge glue-cut off control
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)
25cm 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

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