Plockmatic Group

morgana

Morgana NovaBind™ 300



Entry level Perfect Bind solution for medium job run lengths

The Morgana NovaBind™ 300 is a Perfect Bind best-inclass contender with high-level features, specifications and capabilities.

Designed with intuitive ease-of-use and operator safety in mind for busy print environments, it combines premium features with exceptional value.

Delivering professional-quality results with high levels of automation, including smooth vacuum assisted cover feeding with intelligent spine and hinge crease auto-adjustment, all to minimise setup time and maximise productivity.

The intuitive 10” touchscreen provides direct control of all binding functions and settings such as book-block auto-thickness measurement & offset position, glue thickness, square-back, nip-time and nip-pressure. Features including side-gluing, auto-set reverse spinner roller, integrated dust extraction, and advanced safety systems all to ensure reliable and consistent operations.

The NovaBind™ 300 offers outstanding efficiency, automation, and binding quality in a compact, cost-effective solution second to none in its class.

www.plockmaticgroup.com

Specifications

Speed:	Up to 220 books per hour
Book block thickness:	0.04" up to 2.36"
Book size Max *LoS x W:	L13.38" x W12.59"
Book size Min *LoS x W:	L2.76" x W4.72"
Cover size Max *LoS x W:	L13.38" x W25.96"
Cover size Min *LoS x W:	L8.26" x W11.80" in Auto-feed mode L3.93" x W11.80" in Manual Mode
Cover Weight Min-Max:	32lb bond to 110 lb cover stock in Auto-feed mode 32lb bond to 150 lb cover stock in Manual mode
Dimensions:	H55.9" x 77.7" x D35.4"
Weight:	995 lb
Power requirements:	10A, 220-240V 60/60Hz (1-phase)
Power consumption:	Standby/Heating 1800 to 2200W; Max run-load 2400W
Heat Emissions:	From 6000 up to 8200 BTU/Hr
Air pressure:	Requires compressed Air at Min. 87PSI with a 7 US gallons tank
**LoS=Length of (Book) Spine*	

10" UI 4C Smart-Screen controls featuring; Integrated Book Block Auto-Thickness Reader; Block/Cover off-set registration; Cover /Spine Tri-flex Registration; Cover Pre-Load Function; Auto Spine/Hinge Roll-crease Width; Nip time; Nip pressure; Square/Round-back; Nip on/off; Mill on/off; Glue Temp x2; Glue Roll pre-run function; Glue Thickness
Vacuum-assisted Cover Feeder
Top Hatch with interlock safety including Glue-fume evacuation fan (with connector).
Manual Controls; Nip station horizontal control; Cover spine crease depth control; Cover sheet skew control; Cover sheet back-stop control; Cover Registration/Position; Book Block trail edge glue-cut off control.
Two-hand Safety Controls & Primary Power EMO
1-Clamp; Double Linear Guide-rail system
24-Teeth Mill- & Double Notch-wheel with "split second" Auto-Safety-brake
Open 2-Tank; Multi-element-heated with Heat cut-off fuseTechnology; 2-Roll set-up + Reverse Spinner-roll
Open 2-Tank Glue System with separate Heating; Multi-heat-elements with cut-off-fuse Safety Technology; 2-Roll set-up including Reverse Spinner/ Scrape/Thickness-Roll
Glue system supports use of both PO and traditional EVA glue
Integrated milling dust cyclone extraction system

*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.