

MILLBIND 420



Put the Cover sheet on the binding unit.

Put the document to be bind in the vice then press the forward button. The setting of the document and the opening of the vice is automatic.

After closing of the vice the starting is automatic. The document passes through the slitting system then the gluing of the document is made.

The binding of the document is made automatically.

After pressing the backwards button, the vice opens and returns to its initial position.



Shelf for cover sheets position.



The **MILLBIND 420 automatic bookbinder machine** is the member of the LAMIBIND product family. It is professional, which satisfies extensive requirements in its category. It can mill the height of 2 mm (0,08') from the spine of the book and hereby it is suitable to bind folded books as well. The slitting knives mounted in the milling disk assure the better adhesion strength of the glue. The pressure of the vice and the binding of the book are electromechanical. The binding time is adjustable, and when the adjusted time is over, the machine returns to its initial position. High-capacity vacuuming system takes care of effective extraction of paper chips and glue vapours occurred during operation. Maximum thickness of document to bind is 50 mm (2'), maximum length of spine to bind is 420 mm (16,5').

The machine can be produced in triphase 400 V / 50 Hz and mono phase 230 V / 50 Hz (208 V / 60 Hz) execution as well.

Theoretical number of working cycles is 450 (forward-backwards/hour).

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MILLBIND 420

Specifications	
Type of the machine	MILLBIND 420
Dimensions of the machine (l × w × h mm)	1380×500×1080
(l × w × h inch)	54,3"×19,7"×42,5"
Dimensions of the packaging (l x w x h mm)	1510×780×1250
(l x w x h inch)	59,4"×30,7"×49,2"
Net weight (kg/lbs)	270 / 600
Gross weight (kg/lbs)	350 / 770
Mono phase power supply	400 V-50 Hz / 230 V-50 Hz / 208 V-60 Hz
Nominal current (A)	16 / 25
Capacity (kW)	4,5
Length of the document (mm/ inch)	130-420 / 5,1"-16,5"
Thickness of the document (mm/inch)	3-50 / 0,12"-2"
Theoretical number of working cycles (fwd-bwd / hour)	450
Binding	Automatic
Binding time regulator	Max. 9 sec
Closing of the clamp - vice	Electric
Start of the binding process after closing of the vice	Automatic
Binding counter (PC/1000)	YES
Milling unit	
Working of the spine of the document is with milling and slitting (mm/inch)	Between +1 and -3 mm Between +0,04" and 0,12"
Adjustment of milling height	Manual
Gluing unit	
Volume of the glue container (litre/gallon)	1 / 0,26
Heat-up time (minute)	30-40
Temperature range of the melting of the glue (°C/°F)	140-200 / 284-392
Standby mode	120°C / 248°F
Adjustment of the glue temperature	Pushbutton
Display of the glue temperature	Numerical
Application of the glue	Motorised
Side gluing	Gluing plate
Adjustment of the glue thickness	Manual
Vacuuming system	YES
Vacuuming of paper dust and glue vapours	Automatic
Volume of the paper dust container (litre/gallon)	50 / 13,2
Working safety equipments	
Display of the ready state	READY
Indication of the working cycle	Orange flash
Error code indication	YES
Emergency stop button	YES
Binding cycle forbidden	
- without document	YES
- if the glue container's protection is opened	YES
Accessories	
Machine stand (with central shelf)	YES
EU power supply cable	YES
Magnet for cover sheet fixation	YES
Record of the first starting and sample document	YES
Instruction manual	YES
Machine mover lever	YES
Shelf for the bound documents	Option