

# MILLBIND 420 HM



Side Gluing Rollers



Robust Milling Disk



Touch-Screen

The Millbind 420 Hot-Melt semi automatic bookbinder machine is a member of the LAMIBIND family of products and has all the necessary functions and more that are required by a medium size printing shop. The machine is equipped with special slitting knives mounted on a precision milling disk which provides the optimum preparation for the bonding surface. The milling disk height is adjustable via the touch screen; up to 3mm (0,08") can be cut off from the spine of the document. With its user friendly touch-screen this machine helps every operator to make professional quality books very easily. From this user friendly interface it is simple and easy to adjust the milling height, binding time, glue length regulation (as option). Reliable components are the backbone of every great machine, therefore we have implemented the most stable electronics and electrical components available to us.

Maximum document thickness is 50mm (2").  
Maximum document length is 420mm (16,5").



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**RIGO**

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# MILLBIND 420 HM

<b>Specifications</b>	MILLBIND 420 HM
Dimensions of the machine (l x w x h mm)	1830x1050x1190
(l x w x h inch)	72"x41"x46"
Package of the machine (l x w x h mm)	2030x1250x1390
(l x w x h inch)	79"x49"x54"
Net weight (kg)	500
Gross weight (kg)	550
Power supply (elective)	3~400 V-50 Hz / 1~230 V-50 Hz / 200-220 V-60 Hz
Nominal current (A)	20 / 32 / 40
Capacity (kW)	5,5
Compressed air supply (bar)	6
Length of the bound document (mm/inch)	80-420
Thickness of the bound document (mm/inch)	1-50
Theoretical number of working cycles (fwd-bwd/hour)	
* The above value is theoretical number of the working cycles. The real speed and quantity of books can be bound on the machine depends on the strenght features of the flue used on the machine, the necessary binding/nipping time, the thickness of the document to be bound, deoends on the skill and quickness of the machine operator, and the selected binding technology.	450*
Adjustment of the binding time of the document	1-99
Binding cycle counter	Yes
<b>Milling unit</b>	
Spine preperation	Milling & Notching
Adjustment of the milling height (mm)	Electrically 0-3
<b>Gluing unit</b>	
Heat up time; depending of the type of glue is used on the machine (minute)	30-45
Temperature range of the melting of the glue (C/F)	100-200
Volume of the glue container	2 kg
Possibility to use different type of spine and side glue & side gluing rollers	Yes
Adjustable length regulation of the glue application (Glue cut off)	Yes
Standby mode	Yes
<b>Binding unit</b>	
Possibility to adjust the position of the book block over the binding unit	Yes
Cover sensor	Yes
Large cover holder	Yes
<b>Other Functions</b>	
Paper dust extraction	Yes
User Interface	Touch Screen
Operating software	RIGO
Software update	Yes
Online remote control	Yes
<b>Options</b>	
Automatic start of the carriage clamp	Option
Binding unit height adjustment & hard cover set	Option
Tape binding	Option
Magnetic book holder	Option
Glue fume extractor unit	Option
Possibility to switch off the milling unit	Option
Side shelf	Option

