

MEGABIND 420 PUR



Scoring Unit



Robust Milling Disk



Touch-Screen

The Megabind 420 PUR-Melt semi automatic bookbinder machine is one of the most cost effective professional semi-automatic PUR binding machines in the world. It 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. This machine is equipped with a unique "high pressure" closed PUR application system, which has made RIGO binders the envy of all other digital PUR binding manufacturers. Both the spine and side-glue application is PUR. Moreover it is also a hybrid machine as both EVA and PUR glues can be used in this machine. It is the perfect machine for fast turn around and higher volume PUR binding. The 2kg candle provides good production flow, high efficiency and less waste! For PUR application, spine preparation is the most important factor. Therefore 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 touchscreen; up to 3mm (0,08") can be cut off from the spine of the document. The Megabind is supplied with an automatic cover feeding system with integrated creasing for the spine and hinges. 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 and the cover feeder. Reliable components are the backbone of every great machine; therefore we have implemented to use the most stable electronics. Maximum document thickness is 50mm(2") Maximum document length is 420mm (16,5")



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RIGO

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MEGABIND 420 PUR

Specifications	MEGABIND 420 PUR
Dimensions of the machine (l x w x h mm)	2420x1030x1190
(l x w x h inch)	95"x40"x46"
Package of the machine (l x w x h mm)	2620x1230x1390
(l x w x h inch)	103"x48"x54"
Net weight (kg)	600
Gross weight (kg)	700
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 (3-50 with scoring)
Maximum thickness of the cover sheet (g)	350g (coated paper)
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 strength features of the glue used on the machine, the necessary binding/nipping time, the thickness of the document to be bound, depends 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
Milling unit	
Spine preparation	Milling & Notching
Adjustment of the milling height (mm)	Electrically 0-3
Gluing unit	
Heat-up time; depending of the type of glue is used on the machine (minute)	20-25
Temperature range of the melting of the glue (C/F)	100-200
Volume of the closed PUR glue container	3 kg
Adjustable length regulation of the glue application (Glue cut off)	Yes
Adjustment of the PUR glue volume	PUR pump
Adjustment of the height of the PUR nozzle	Yes
PUR heating zones	4
Standby mode	Yes
Binding unit	
Possibility to adjust the position of the book block over the binding unit	Yes
Cover sensor	Yes
Large cover holder	Yes
Scoring unit	
Adjustable scoring depth	Yes
Adjustable vacuum and air blow	Yes
Automatic adjustment of the cover holder table height based on the quantity of the covers	Yes
Cover feeding	Automatic
Other Functions	
Paper dust extraction	Yes
User Interface	Touch Screen
Operating software	RIGO
Software update	Yes
Online remote control	Yes
Options	
Automatic start of the carriage clamp	Option
Binding unit height adjustment & hard cover set	Option
Glue level indication for PUR	Option
Additional scoring wheels for "wing" type covers	Option
Possibility to switch off the milling unit	Option
Tape binding	Option
Magnetic book holder	Option

