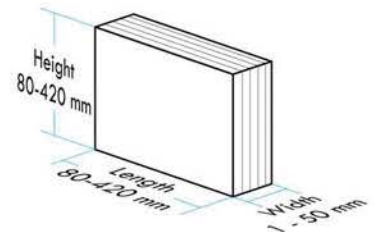
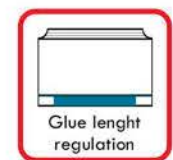
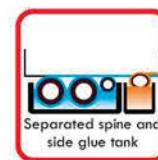
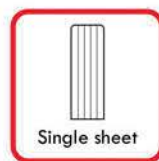
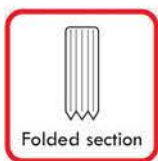
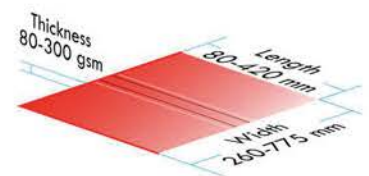




 Book size



 Cover size



### Standard features:

- x Variable speed based on job requirements
- x Automatic book ejection to a sophisticated stacker unit
- x Separate tank for spine gluing and side gluing
- x Adjustable book positioning from the touch screen (max. 10 mm)
- x Book releasing mode is adjustable via touch screen
- x Tilttable milling unit
- x Adjustable glue cut-off from the touch screen
- x Automatic cover feeding with inline scoring
- x Adjustable milling depth via touch screen (0 - 3mm) and notching
- x Built in jogger
- x Automatic setup according to block thickness (side gluing and scoring)
- x Automatic carriage start
- x Paper dust extractor Cover sensor
- x Adjustable book squareness via touch screen
- x 3~400V

### Available options for this model:

- x Ultrasonic double sheet detection
- x Additional scoring wheel (1 set)
- x Glue fume extractor
- x Cover positioner with adjustable angel & Automatic cover positioning
- x Remote service support, Industry 4.0 ready

### Important:

Compressed air is required for the operation of the machine. Automatic water drain system is highly recommended. The compressor has to be purchased separately.

Specifications	PERFECT BINDER 420 HM
Dimensions of the machine (l x w x h mm)	3010x1110x1670
Package of the machine (l x w x h mm)	3210x1310x1700
Net weight (kg)	1000
Gross weight (kg)	1100
Power supply (elective)	3~400 V-50 Hz / 1~230 V-50 Hz / 200-220 V-60 Hz
Nominal current (A)	20 / 40 / 45
Capacity (kW)	7,5
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 strenght features of the flue 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.	500*
Adjustment of the binding time of the document	1-99
Binding cycle counter	Yes
Working of the carriage clamp *The clamp measures automatically the book thickness, the machine adjuts the width of side gluing and scoring automatically to it. In manual working mode the machine measures all book loaded into the clamp, while in automatic working mode this measuring can be deactivated. The speed of the carriage varies automatically depending on the book thickness.	Automatic
<b>Milling unit</b>	
Spine preperation	Milling & Notching
Adjustment of the milling height (mm)	Electrically 0-3
Possibility to switch off the milling unit	Yes
<b>Gluing unit</b>	
Heat-up time (minute)	20-25
Temperature range of the melting of the glue (C)	100-200
Volume of the glue container	3 kg
Adjustable length regulation of the glue application (Glue cut off)	Yes
Separate sideglue tank	Yes
Standby mode	Yes
<b>Binding unit</b>	
Possibility to adjust the position of the book block over the binding unit	Yes
Adjustable binding strength from the bottom	Yes
Adjustable binding strength from the side	Yes
Cover sensor	Yes
<b>Scoring unit</b>	
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
<b>Other Functions</b>	
Paper dust extraction	Yes
Stacker unit	Yes
User Interface	Colour Touch Screen
Operating software	RIGO
Software update	Yes
Online remote control	Yes
<b>Options</b>	
Glue fume extraction	Option
Double sheet detector	Option
Additional scoring wheels for "wing" type covers	Option

Important: Compressed air is required for the operation of the machine. Automatic water drain system is highly recommended. The compressor has to be purchased separately. The images featured in this guide are for illustrative purposes only. The manufacturer is not liable for any printing mistake.

