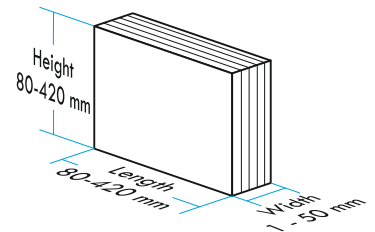
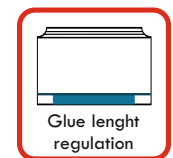
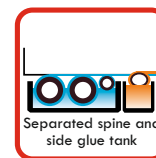
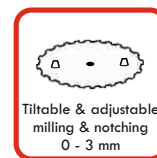
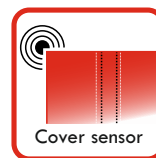
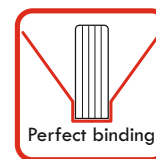
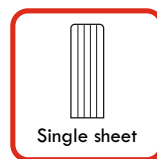
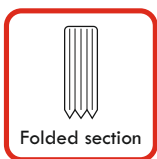
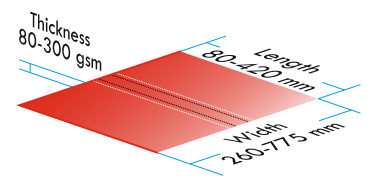




Book size



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 Tiltable 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 PUR |
|--|---|
| Dimensions of the machine (l x w x h mm) | 3010x1400x1670 |
| Package of the machine (l x w x h mm) | 3210x1600x1700 |
| 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, deoends 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 |
| Milling unit | |
| Spine preparation | Milling & Notching |
| Adjustment of the milling height (mm) | Electrically 0-3 |
| Possibility to switch off the milling unit | Yes |
| Gluing unit | |
| Heat-up time (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 |
| Adjustable binding strength from the bottom | Yes |
| Adjustable binding strength from the side | Yes |
| Cover sensor | 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 |
| Stacker unit | Yes |
| User Interface | Colour Touch Screen |
| Operating software | RIGO |
| Software update | Yes |
| Online remote control | Yes |
| Options | |
| Seperate, lowerable EVA side gluing unit | Option |
| Glue level indication for PUR | Option |
| Double sheet detector | Option |
| Additional scoring wheels for "wing" type covers | Option |

