



green  
GLUING

## ROBAPUR 40 MOD SPINECOAT

PUR Adhesive melter for the SpineCoat nozzle system  
Precise | simple | reduced energy consumption

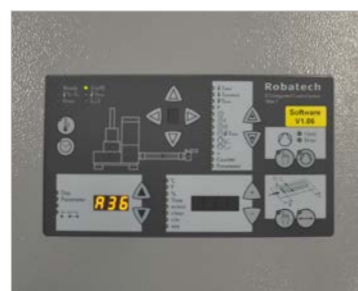
## FOR REACTIVE PUR HOTMELT ADHESIVES

The RobaPUR 40 MOD SpineCoat adhesive melter is specially designed for the melting and pumping of reactive polyurethane hotmelt adhesives. With a tank diameter of 290 mm and the Melt-on-Demand (MOD) technology, the device is exceptional for the processing of 20-liter adhesive blocks. A gear pump is used for pumping the adhesive. This technology ensures precise quantity control.

The RobaPUR 40 MOD SpineCoat is designed for use in book adhesive lines in combination with the SpineCoat coating nozzle.

### Advantages

- Simple operation
- Melt-on-Demand (MOD) technology for gentle adhesive processing
- A premature start of the reaction process of the PUR adhesive is prevented by the dry-air gassing of the supply tank and the pump block
- Temperature lowering for the reduction of the thermal load of the PUR adhesive
- Maintenance-friendly thanks to easy access to all essential device elements
- Production reliability through efficient adhesive filling without production interruptions
- Integrated circulation system with motor-operated restrictor for highly dynamic adhesive binding of up to 16,000 books/hour
- Integrated job and quantity control
- Integrated system alignment
- Integrated highly dynamic servo drive for the gear pump



### TECHNICAL DATA

Block size (PUR blocks)	Diameter 270 – 285 mm; Height 270 – 320 mm
Tank opening	Ø 290 mm
Melting rate	40 kg/h (approximate value)
Feed pump	Gear pump ZP 3 S
Feed rate	Max. 50 kg/h
Feed pressure	Max. 100 bar
Viscosity	1 000 – 10 000 mPas
Drive unit 40 MOD	AC-servomotor 3 x 400 Volt 1 100 Watt
Temperature range	Working temperature: Max. 130 °C or 266 °F Cleaning temperature: Max. 170 °C or 388 °F
Circulation system	Integrated motor-operated return restrictor
PUR-Hotmelt protective gassing	Integrated membrane-compressed air dryer
Air pressure supply	6 bar, processed, Class 4 in acc. with ISO 8573-1
Supply voltages	3 x 400 VAC / 3 LNPE / 50-60 Hz 3 x 400 VAC / 3LPE / 50-60 Hz 200-240 V / 3 Ø / 50-60 Hz

\* Reference value, melting capacity depends on adhesive