

green GLUING

ROBACOAT IT

Hot Melt Coating Heads
Precise | efficient | reliable

HIGH-QUALITY SURFACE APPLICATION WITH PRECISE CUT-OFF AND EDGE SHARPNESS

The coating heads of the RobaCoat IT series are primarily designed for intermittent coating and particularly suitable for applications in the graphic, packaging, and converting industries.

Precise and Uniform Coating

The RobaCoat IT features uniform coating from start to finish. Precise cut-off behavior and excellent edge sharpness are guaranteed even at high production speeds and fast switching times.

Efficient Operation and Maintenance

The coating nozzle attached to the front of the coating head can be rotated 180° for a flexible installation. An optional mounting bracket with scaled adjustment options ensures easy positioning relative to the substrate. Fine adjustment is possible during ongoing production. The CoolTouch insulation reduces heat radiation and thus energy consumption. In addition, operator safety is increased. Thanks to high wear resistance and integrated filter, the RobaCoat IT is particularly durable and low-maintenance.

Flexible Application Pattern

With the RobaCoat IT, individual nozzle segments can be controlled separately, either via the integrated pattern control or directly via PLC. In combination with masks, application patterns can be flexibly and cost-effectively adapted to the production requirements. Application patterns are thus reproducible at any time.

Your Advantages

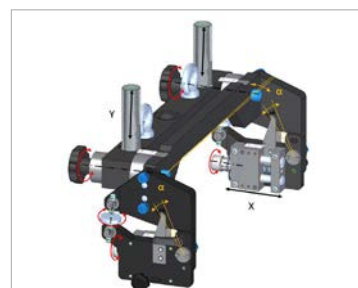
- Uniform coating from start to finish with precise cut-off and excellent edge sharpness
- High-quality surface application at constant and dynamic machine speed
- Easy positioning relative to the substrate and subsequent precise fine adjustment during ongoing production
- Flexible adaptation of the application pattern thanks to separate control of individual nozzle segments and mask technology
- Control via integrated pattern control or directly via PLC
- Particularly durable and low-maintenance



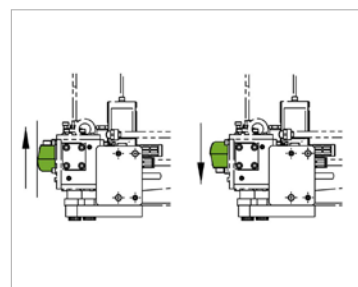
RobaCoat IT with CoolTouch insulation



Excellent application quality



Optional mounting bracket simplifies positioning



Installation situation independent of operating direction: Nozzle can be rotated 180°

TECHNICAL DATA

Temperature range	20 to 200 °C
Adhesive pressure	Max 100 bar
Adhesive	Thermoplastic adhesives
Adhesive viscosity	2 000 to 10 000 mPas ⁽¹⁾
Switching frequency	125 Hz ⁽²⁾
Application width (max.)	RobaCoat IT 160: 160 mm / RobaCoat IT 240: 240 mm / RobaCoat IT 360: 360 mm / RobaCoat IT 440: 440 mm / RobaCoat IT 520: 520 mm
Minimum coating time	4 ms ⁽²⁾
Minimum gap	4 ms ⁽²⁾
Supply voltage, heating element	230 VAC (EN60204), 50/60 Hz
Supply voltage, solenoid valve	24 VDC, 6.5 W
Air connection, solenoid valve	3 to 6 bar, cleaned and not oiled
Air consumption	Approx. 0.46 ml per feed element/cycle (6 bar)

⁽¹⁾ Function test required if adhesives with higher viscosity are used.

⁽²⁾ Depending on adhesive, viscosity, temperature, frequency, pressure, air quality, and stroke. Continuous load maximum 125 Hz