



PUR Melting Units

Technical Data

RobaPur 4 MOD

| | RobaPur 4 MOD |
|---|--|
| Content melting cylinder | For 3 kg or 2 kg adhesive hobbocks with or without inliner |
| Dimensions melting cylinder | Centring ring for Ø 150 mm or 130 mm max. height 180 mm |
| Content buffer tank | 2 kg |
| Melting rate* | 6 kg/h (approx. value) |
| Feed pump | 1 gear pump |
| Gear pump types | ZPM 20 or ZPM 5 |
| Pump capacity ZPM 20: ZPM 5: | 2...20 kg per hour 0.5...5.0 kg per hour |
| Driving unit ZPM 20: ZPM 5: | Gear motor 48 Volt DC, 200 Watt, i = 22 Gear motor 48 Volt DC, 100 Watt, i = 71 |
| Control rang driving motor | 1 : 100 |
| Pump pressure | max. 100 bar |
| Viscosity | 100...50,000 mPas |
| Working temperature Tank: Hose/Head: | 20...150° C or 68...302° F 20...180° C or 68...356° F |
| Temperature control accuracy | ± 0.5° C |
| Hydraulic heated hose connectors | 3x G1/4" glue outlets recommended hoses NW 6mm |
| Electric heated hose connectors | 3 sockets for 6 external heating zones (hoses and heads) |
| Adhesive filter | Filter made of sintered bronze, 0.13 mm |
| Operation voltage | 230 Volt AC, 50/60Hz, 1LNPE 400 Volt AC, 50/60Hz, 3LNPE 200..240 Volt AC, 50/60Hz, 1ØPE 200..240 Volt AC, 50/60Hz, 3ØPE |
| Heating power Premelter | 1000 Watt |
| Heating power Puffer tank | 1200 Watt |
| Heating power hoses/heads | max. 1150 Watt each |
| Power consumption | Basic unit 2300 Watt without hoses and heads |
| Ambient temperature | 5...45° C or 39...113° F |
| Dimensions LxBxH | 878 x 388 x 579 mm |
| Weight | ca. 77 kg |
| Sound pressure | 70 dB(A) |
| Protective gassing | Standard: Connector for nitrogen supply Ø 8 Option: integrated membrane air dryer |
| Compressed air supply | minimum 6 bar, free of oil according ISO 8573-1 class 4 |

* approximate value, melting rate depends on the used adhesive



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RobaPur 20 MOD

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|------------------------------------|---|
| Package size | 20 kg hobbock ~ Ø 275 mm, length max. 300 mm |
| Tank content | 20 litre hobbock |
| Reservoir pump block | 4.5 litre |
| Tank opening | Ø 285 mm |
| Melting capacity* | 25 kg/h (approx. value) |
| Feed pump | 1 or 2 gear pumps |
| Gear pump types | ZP0.25S, ZP0.5S, ZP1S, ZP2S, ZP3S |
| Max. pump capacity per hour | ZP0.25S = 5.5 kg ZP0.5S = 11 kg ZP1S = 22 kg ZP2S = 44 kg ZP3S = 88 kg |
| Output pressure | max. 100 bar, continuously adjustable |
| Viscosity | 100...50,000 mPas |
| Drive motor | AC gear motor, 3x230 Volt, 750 Watt, transmission ratio i = 12.33 : 1 |
| Operating temperature | 20... 150° C or 68...302° F Tolerance ± 0.5° C |
| Hydraulic heated hose connections | 2x G1/2" glue outlet 1x with 45° screw fitting M22x1.5, FEP 1x with screw plug recommended heated hoses NW 13 mm |
| Electrical heated hose connections | Standard 4 sockets for 8 heating zones Expandable to 8 sockets for 16 heating zones |
| Adhesive filter | Large surface fabric filter 0.25 mm |
| Operating voltage | 400 Volt, 3LNPE, 50/60 Hz |
| Capability Melting grill | 4500 Watt |
| Capability Pump block | 3750 Watt |
| Capability Hoses/heads | max. 1150 Watt each |
| Power consumption | Basic unit 9500 Watt without external heating zones |
| Ambient temperature | 5...45° C or 39...113° F |
| Dimensions LxWxH | 1150 x 700 x 1468 mm |
| Weight | ca. 190 kg |
| Sound pressure | 70 dB(A) |
| Inert gassing | Integrated membrane-compressed air dryer |
| Compressed air supply | Minimum 6 bar, dry air of class 4 |
| Air consumption tank gassing | 800 normal litres per hour |

* approximate value, melting capacity depends on the adhesive



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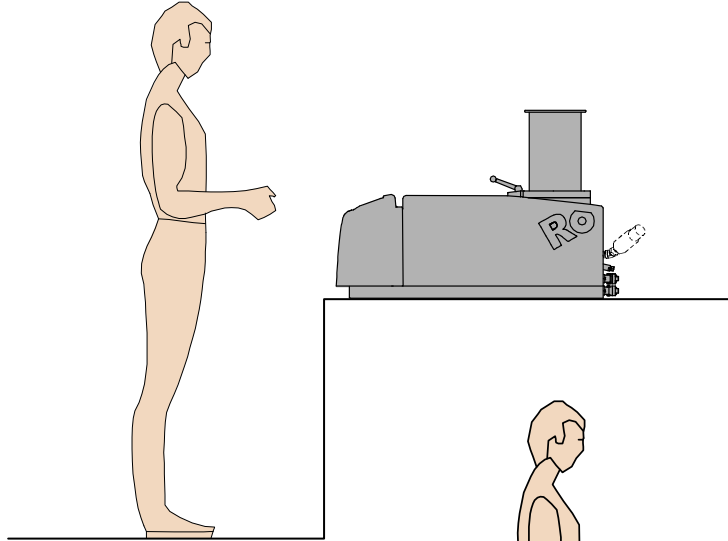
RobaPress

| | RobaPress |
|------------------------------|--|
| Package size | 2 kg adhesive hobbocks without Inliner Ø 120...129 mm, Length max. 155 mm |
| Viscosity | 100...60'000 mPas |
| Operating temperature | 20...170° C |
| Melting temperature | according adhesive specification |
| Standby temperature | ca. 70°C under melting temperature |
| Melting capacity | max. 6 kg/h (approx. value) |
| Operating voltage | 400 Volt AC, 3LNPE, 50/60 Hz |
| Control | 10 AT |
| Heating power | 1600 Watt |
| Compressed air supply | 6 bar, dry air of class 4 |
| Control | Robatech control with CLS-Electronic |
| Ambient temperature | 0...50° C |
| Relative moisture in the air | < 90 %, not condense |

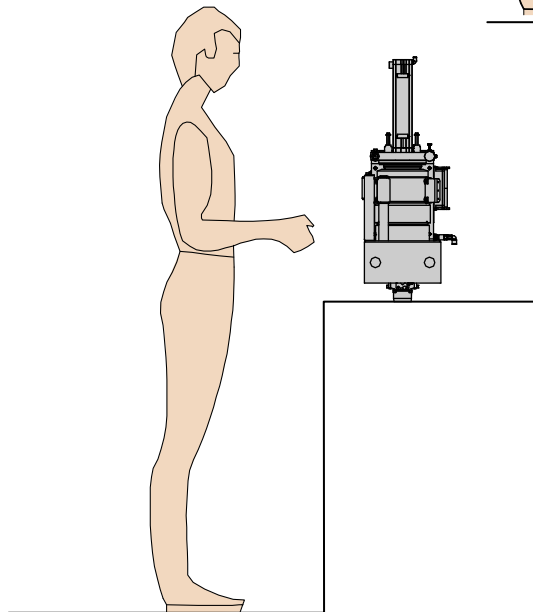
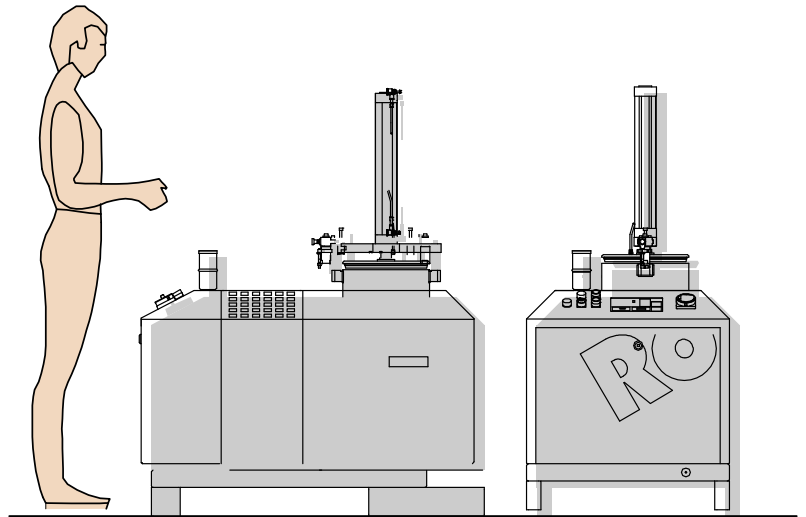


Dimensions

RobaPur 4 MOD



RobaPur 20MOD



RobaPress