

CLASSIC Oil TT-390



Oil up to 360°C

Heating capacity **16 kW | 24 kW**

Cooling capacity **90 kW @ 360°C**

Cooling system indirect (shell & tube)



Functions

- Digital temperature controller with temperature display 1/10°C – steps
- Display in °C or °F and l/min or gal/min
- Digital flow display and monitoring
- Automatic temperature control
- Switchover for temperature control on the mould
- Heating switchable in stages
- Display of the feed pressure
- Automatic mould drainage
- Leakstopp mode

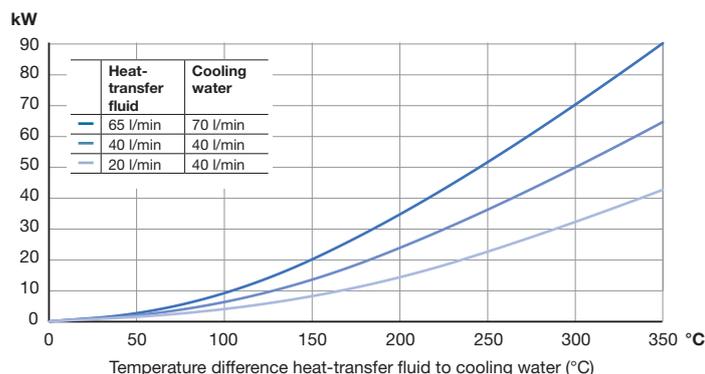
Robust Mechanical Design

- Triple bearing high temperature pump, developed and produced by Tool-Temp
- Inverted, limescale-free spiral tube Heat exchanger
- Fully immersed heaters made of high-temperature corrosion-free Nickel alloy (Incoloy 800)
- Maintenance-free flow meter
- Stainless-steel solid piping

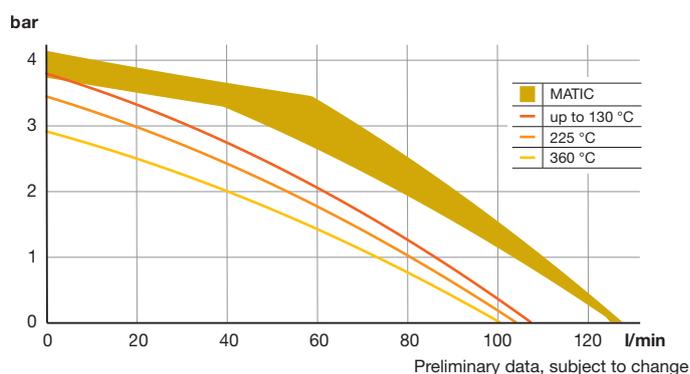
Safety

- Level control for dry run protection
- Expansion vessel with safety shut-off in case of overflow
- Multiple redundant, mechanical temperature limiter
- Visual and acoustic fault indications
- Integrated circuit breakers
- Main switch, transformer and motor protection switch

Cooling capacity



Pump capacity



Technical specifications

		Oil	
Maximum temperature	360 °C (with heat transfer oil TOOL-THERM SH-3)		
Heating capacity	16 kW	24 kW	
Switchable in stages	8/8	8/16	
Filling volume (heat-transfer fluid)	15 litres	21 litres	
Expansion volume	16 litres	16 litres	
Pump			
Type A	Hermetically sealed magnetic coupling		
Type Z	Gear coupling, with mechanical seal		
Pressure and flow rate	See diagram		
Motor rated power	1.5 kW		
Control system	Digital temperature controller MP-888		
Temperature measurement	Thermocouple type J (Fe-CuNi) in heating register, external measurement possible		
Flow measurement (heat-transfer fluid)	0-100 l/min, paddle-wheel sensor with inductive pickup		
Dimensions (L x W x H)	1240 x 480 x 1400 mm, incl. castors. Provisional dates, subject to change		
Connections			
Heat-transfer fluid (feed and return)	¾" BS female thread		
Cooling water inlet	1" BS female thread, with water filter		
Cooling water outlet	1" BS external thread		
Empty weight	205 kg	215 kg	
Colour	RAL 7035		
Environment			
Temperature range	5-40 °C		
Relative humidity	40-80 % RH (non-condensing, no icing)		
Continuous noise level	< 70 dB (A)		
Power supply	different variants covering 200-240 V and 380-480 V (50 and 60 Hz)		
Marking	CE		