

TT-388 ^{32 kW}

Oil temperature control unit

High temperature device for large consumers

- with external measurement
- with mould drainage
- optional pump with magnetic drive



- Oil up to 360°C
- Heating capacity **32 kW**
- Cooling capacity **160 kW @ 360°C**
- Cooling system indirect
- Applications: moulds, rollers, plates



Functions

- Self-optimizing 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
- Heaters with cascade connection
- Pressure display
- Automatic mould drainage
- Leakstopper device – operation in pressure and vacuum mode possible

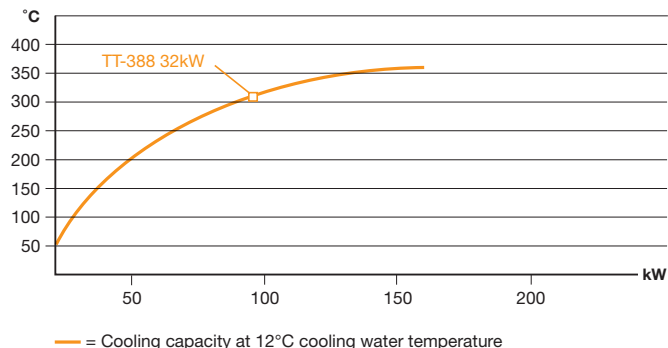
Construction

- High temperature pump with mechanical seal or magnetic coupling
- Hot oil circuit with bypass, which ensures the internal oil circulation when the valves are closed
- Limescale free heat exchanger
- No cracking of the oil thanks to special heating construction
- Expansion tank with drip pan
- Unit on castors

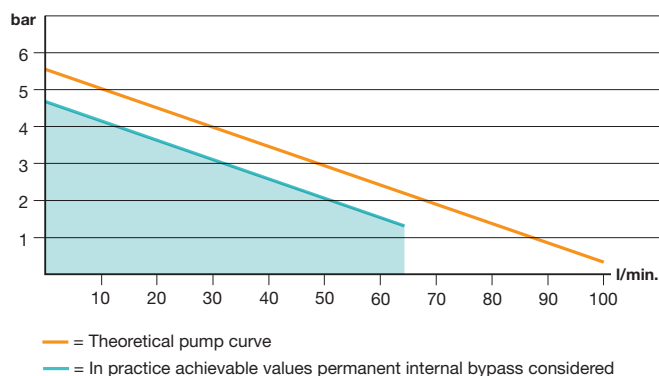
Safety features

- Level control for dry run protection
- Expansion vessel with safety shut-off in case of overflow
- Electronic temperature limitation and monitoring in the controller
- Mechanical safety thermostats
- Visual and acoustic fault indications
- Integrated circuit breakers
- Main switch, transformer and motor protection switch

Cooling capacity



Pump capacity



Technical data

Product attribute	Unit	TT-388 32 kW
Temperature range	°C	Up to 360°C with heat transfer oil TOOL-THERM SH-3
Temperature control		Self-optimizing, electronic microprocessor controller MP-888 with digital display of the set and actual value. Automatic temperature monitoring.
Flow control		Electronically, with digital display and automatic control of the minimum flow.
Heating capacity	kW	32 kW
Switchable in stages		8/24 Automatic switching of the required heating power
Cooling capacity		160 kW at 360°C – see diagram
Pump capacity		
Motor	kW	1,8 kW
Pressure mode		Max. 5,5 bar / max. 100 l/min. – see diagram
Vacuum mode		Vacuum max. 8 mH ₂ O
Model Z		Pump with axial face seal and triple bearing system
Model A		Pump with seal less magnetic drive
Temperature measurement at the mould		Yes
Leakstopper and mould drainage		Yes
Expansion tank capacity		46 litres
Filling amount		27 litres
Expansion volume		36 litres
Connections		
Oil circuit		¾" BSP female thread
Cooling water		
Inlet		With water filter 1" BSP female thread
Outlet		With non-return valve 1" BSP female thread
Dimensions (L×W×H)	mm	1'240×480×1'500 mm, incl. castors
Weight	kg	Approx. 235 kg empty
Colour		Silvergry RAL 7001