

# TT-288

## Oil temperature control unit

- available as 2-circuit device
- pump system optional with mechanical seal or magnetic coupling



Oil up to 250°C

Heating capacity **8 kW**

Cooling capacity **60 kW @ 250°C**

Cooling system indirect

Applications: moulds up to 600 kg, small rollers, small plates



## Functions

- Self-optimizing temperature controller with temperature display 1/10°C – steps
- Display in °C to 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
- Pressure display
- Automatic mould drainage
- Leakstopper device – operation in pressure and vacuum mode possible

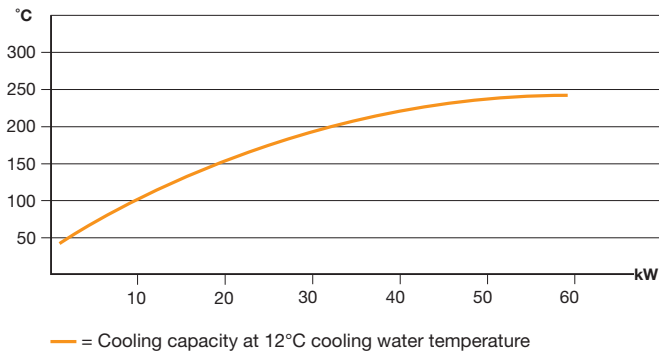
## Construction

- 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

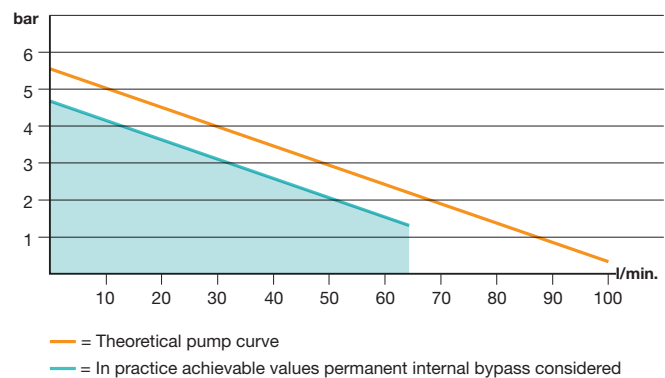
## Safety features

- Level control for dry run protection
- 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-288
Temperature range	°C	Up to 250°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	<b>8 kW</b>
Switchable in stages		3/5
Cooling capacity		<b>60 kW</b> at 250°C circulating temperature – 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 <sub>2</sub> O
Model Z		Pump with axial face seal and triple bearing system
Model A		Pump with sealless magnetic drive
Temperature measurement at the mould		Yes
Leakstopper and mould drainage		Yes
Expansion tank capacity		14 litres
Filling amount		9 litres
Expansion volume		11 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	1'130×390×1'070 mm, inkl. castors
Weight	kg	Approx. 150 kg empty
Colour		Silvergrey RAL 7001