

# TT-288

## Oil temperature control unit

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



Oil up to 482°F

Heating capacity **27'297 BTU/hr**

Cooling capacity **60 kW @ 482°F**

Cooling system indirect

Applications: moulds up to 1'322 lbs, small rollers, small plates



## Functions

- Self-optimizing temperature controller with temperature display 1/10°F – 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

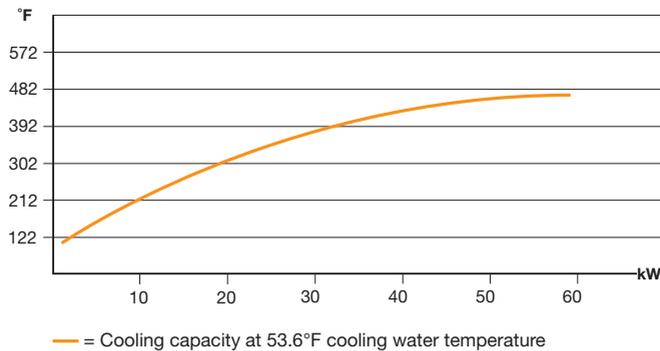
## Construction

- 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

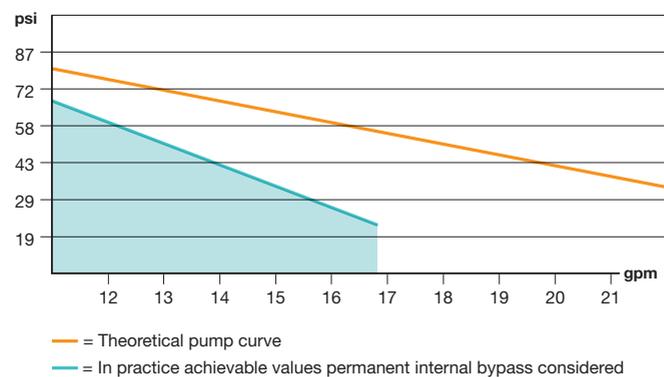
## Safety features

- 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	°F	Up to 482°F 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	BTU/hr	<b>27'297 BTU/hr</b>
Switchable in stages		3/5
Cooling capacity		<b>60 kW</b> at 482°F circulating temperature – see diagram
Pump capacity		
Motor	HP	2.4 HP
Pressure mode		Max. 80 psi / max. 26.4 gpm – see diagram
Vacuum mode		Vacuum max. 23.17 inHg
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		3.6 gallons
Filling amount		2.3 gallons
Expansion volume		2.9 gallons
Connections		
Oil circuit		3/4" NPT female thread
Cooling Water		
Inlet		With water filter 1" NPT female thread
Outlet		With non return valve 1" NPT female thread
Dimensions (LxWxH)	inch	44.5x15.4x42.1 inch, inkl. castors
Weight	lbs	Approx. 331 lbs empty
Colour		Silvergrey RAL 7001