
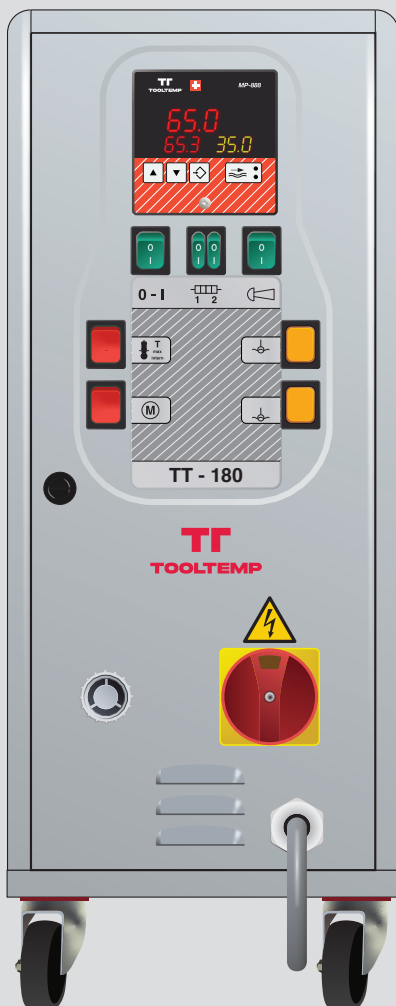


# TT-180

## Universal temperature control unit

Flexible small device for water or oil operation

	Water	Oil
	Up to 90°C	Up to 150°C
	Heating capacity <b>9 kW</b>	<b>3 kW</b>
	Cooling capacity <b>35 kW @ 90°C</b>	
	Cooling system indirect	
	Application: moulds up to 600 kg	



## Functions

- Self-optimizing temperature controller with temperature display 1/10°C – steps
- Display in °C or °F and l/min or gal/min
- Automatic temperature control
- Heating switchable in stages
- Pressure display
- Automatic or manual refill

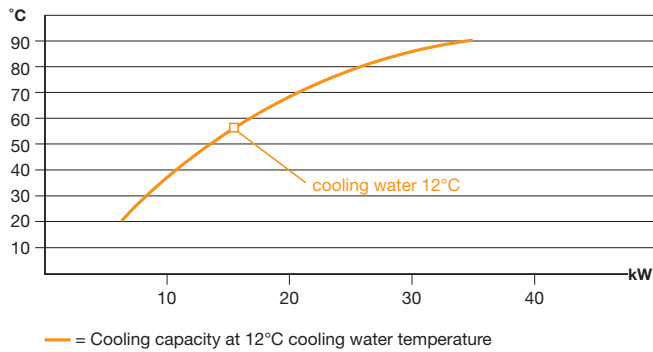
## Construction

- Submersible sealless pump made from bronze
- Limescale free heat exchanger
- Corrosion resistant device for a long service life
- All parts in contact with water are made of stainless steel or bronze
- Unit on castors

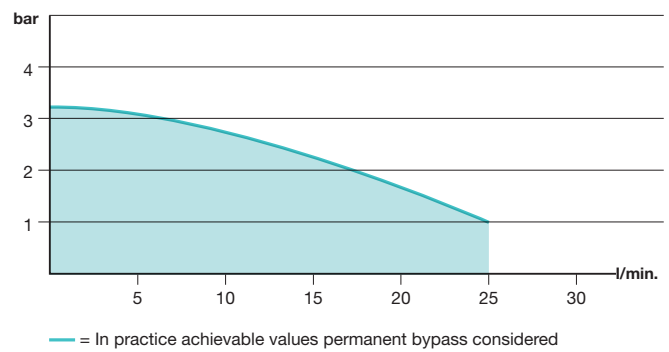
## Safety features

- 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-180	
Medium		Water	Oil
Temperature range	°C	Up to 90°C	Up to 150°C
Temperature control		Self-optimizing, electronic microprocessor controller MP-888 with digital display of the set and actual value. Automatic temperature monitoring.	
Heating capacity	kW	<b>9 kW</b>	<b>3 kW</b>
Switchable in stages		3/6	None
Cooling capacity		<b>35 kW</b> at 90°C - see diagram	
Pump capacity			
Motor	kW	0,75 kW	
Pressure mode		Max. 4.0 bar / max. 60 l/min. – see diagram	
Filling amount		Min. 5 litres, max 7 litres	
Connections			
Medium		½" BSP female thread	
Cooling water			
Inlet		With water filter ¾" BSP female thread	
Outlet		¾" BSP male thread	
Dimensions (L×W×H)	mm	670×260×650 mm, incl. castors	
Weight	kg	Approx. 55 kg empty	
Colour		Silvergrey RAL 7001	