

BOE-THERM

*Your reliable
partner in
Temperature
Control Units*



TEMP 300

Temperature control unit for Thermal oil up to 300 °C

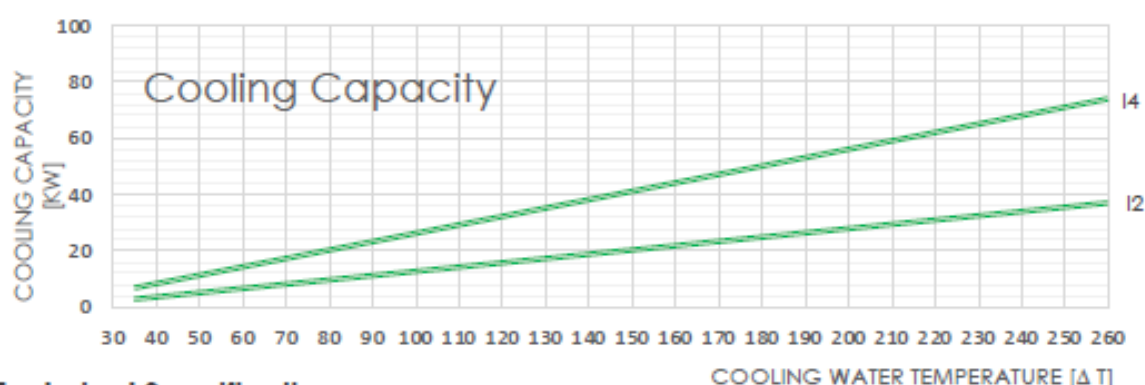
- ❖ High isolation against heat loss
- ❖ Easy operation
- ❖ Pressure less operation
- ❖ Low noise

Pmachinery

BOE-THERM

TEMP 300

Equipment:	Standard	Optional
Automatic restart	•	
Temperature deviation alarm	•	
Automatic water refilling	•	
Vacuum during operation		•
Mould draining		•
Automatic cool down function	•	
Connection for external PT 100 sensor		•
Service indicator (hour counter)	•	
Serial interface 20 mA CL		•
Analog interface 4-20 mA		•
Profibus		•
Ethernet/IP		•
Profinet		•
Devicenet		•



Technical Specifications:

Max outlet temperature	300 °C	
Heating capacity	6 kW (opt. 9 - 12 - 18 - 24 - 27 - 36 kW)	
Heat transfer fluid	Oil	
Tank volumen	Internal	External
6 kW	18 liter	32 liter
9-12 kW	27 liter	23 liter
18 kW	49 liter	27 liter
24-36 kW	65 liter	11 liter
Pump	std.	
Type	P3	P4
Flow rate max. l/min	66	66
Pressure max. Bar	3,4	4,4
Cooling capacity at $\Delta T = 250\text{ °C}$	std.	
Type	I2	I4
kW	36	72
Connections in/out	Process 1/2" - Cooling 3/8"	
Operating voltage std.	3x400V/50Hz	
Dimensions (L x W x H)	Up to 12 kW - 855 x 330 x 890 mm	
	Up to 36 kW - 855 x 495 x 985 mm	