

Technical Standard Specification



Series: Compact WT3

Medium: Water up to 90°C

maximum external volume: 45 ltr at 90°C

Functional equipment hydraulic

- Cooling and filling controlled by solenoid valve
- Automatic filling via cooling water (via separate filling connection with dirt trap if w/o cooling)
- Level monitoring by magnetic float switch
- Dirt trap in cooling water supply and return line of circulating system
- Switch for leak-stop operation (not possible in combination with return flow stop and mould draining by compressed air)



Functional equipment electrical

- Controller SBC-T (3,5"-touch display)
- Heating by Hybrid-SSR (up to 415V), above 415V SSR
- Control cabinet IP54
- Heating capacity: According O/C

General equipment

- Corrosion-resistant components (VA, brass)
- Heating with Incolloy stainless steel tubular heaters
- Unit mounted on rollers and ready to use
- Insulation around tank and heat exchanger made of foamed material

Cooling

Type	Capacity	Set-up	Connection cooling water
w/o	0	w/o	w/o
B5/20	50 kW	stainless steel plate heat exchanger	hose nipple G3/8 (14 mm)

Capacity at 80°C temperature to process and 15°C cooling water temperature, and pressure difference of 3 bar between cooling water inlet and outlet.

Pump

	Standard	Reinforced
	VP 440	VP 660
Output rate (max.)	40 ltr/min	58 ltr/min
Pressure (max.)	3,8 bar	5,2 bar
Motor capacity	0,5 kW	0,95 kW
Construction	submersible pump/ peripheral wheel	

Dimensions/weight/colours

Dimensions L/W/H:	715 mm x 265 mm x 563 mm (SSC)
(w/o connect.)	659 mm x 265 mm x 563 mm (SBC-T)
Weight:	approx. 55 kg
Colour:	case: RAL 7035 light grey
	front door: RAL 7016 anthracite grey

Connections

Circulating medium	G 1/2" IG
Separate filling (optional)	G 3/8" IG

- Subject to technical changes; latest update: January 01st, 2023; changed by C.Scheufele -

This unit complies with the European Directives. Other directives and standards are met only if they listed in the order confirmation. This technical specification represents the standard equipment. For non-standard specifications upon customer's request see quotations or O/Cs. In case of contradictory information the quotation or O/C applies.