

Mould Temperature Controller

TRA, TRW, OTCU - Series



TRA / TRW Series



OTCU Series

Unique Features

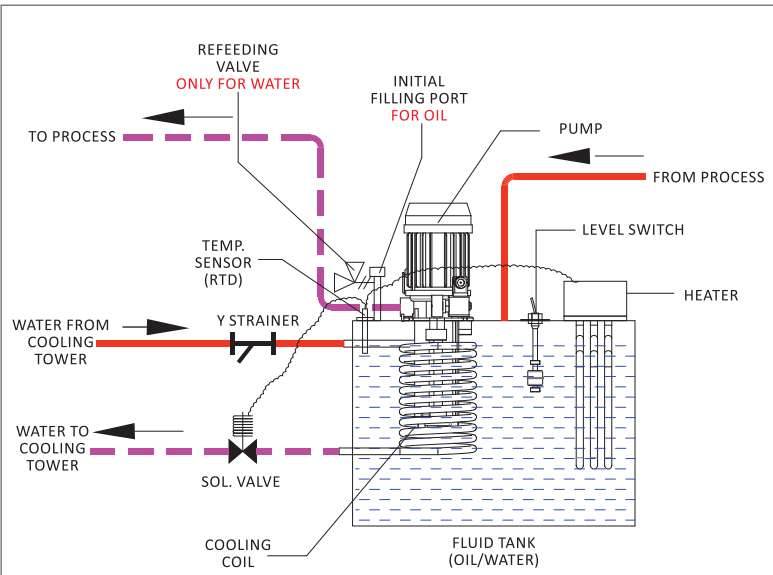
- Precise control of temperature by PID temperature controller
- Oil based system for maximum 200°C temperature
- Water based system for maximum 95°C temperature
- Digital display of set and actual value on screen
- High flow and high pressure powerful pump
- Easy to operate
- Dry running protection of pump by level monitoring device
- Automatic water refilling provision in water based unit
- Painted with P.U. paint
- Accessibility from all sides
- Corrosion proof material in water line
- User friendly control and fault indication
- Overload protection of pump
- Audible alarm for fault indication

Technical Specifications

Model	TRA 3	TRA 6	TRA 9	TRA 9L	OTCU 6 Kw 100 LPM	OTCU 12 Kw 100 LPM	OTCU 12 Kw 200 LPM	OTCU 18 Kw 200 LPM
Mould Temp. Regulator								
Circulating Medium	Oil							
Maximum Temperature °C	150				200			
Heating Capacity KW	3	6	9		6	12	12	18
Ciculation Pump								
Maximum Flow Rate LPM	65			100	100	100	170	170
Maximum Pressure Bar	3.8			5.0	2.5	2.5	3.5	3.5
Pump Drive KW	0.5			2.2	1.5	1.5	3.7	3.7
Cooling Power KW	55				18		27	
Voltage	415 V, 50 Hz, 3 Phase							
Control Voltage	230 V,50 Hz, 1 phase							
Total Connected Load KW	3.5	6.5	9.5	11.2	7.5	13.5	15.7	21.7
Filling Tank Volume Liters	16		25	16	13.5 / 95	13.5 /95	13.5 / 95	13.5 / 95
Process Water Connections								
Inlet	R 3/4"			R 1-1/4"	R 1-1/2"			
Outlet	R 3/4"			R 1-1/4"	R 1-1/2"			
Cooling Tower Water Connections								
Inlet	R 1/2"				R 1"			
Outler	R 1/2"				R 1"			
Main Dimensions								
W X D X H mm	430 X 825 X 790				530 X 1400 X 1200	600 X 1400 X 1500		
Weight Kg.	60			90	190	190	350	350
Color	RAL 9005 Black / RAL 7047 Telegrey 4							

All specifications are subject to change without prior notice.

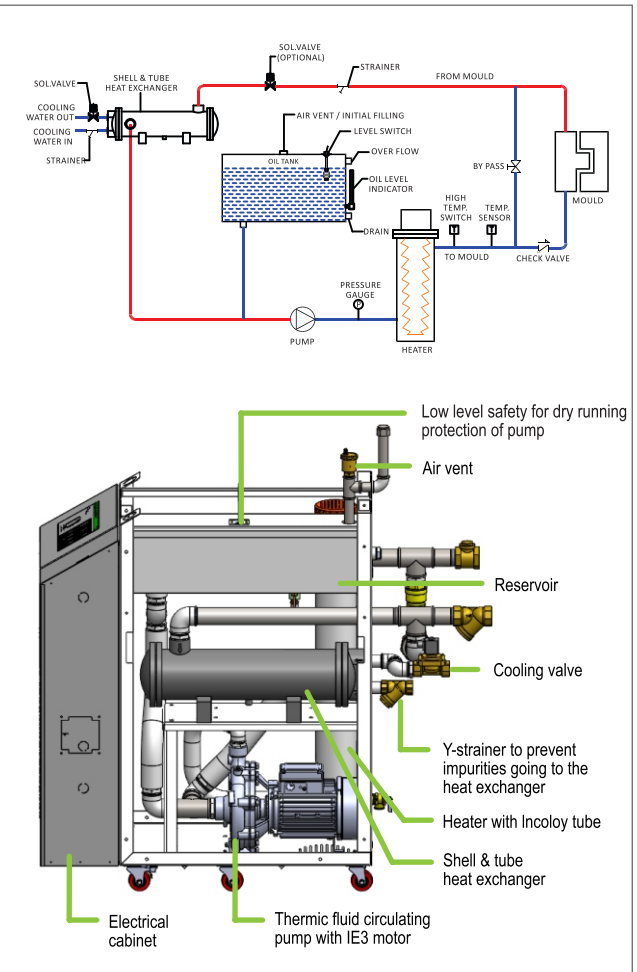
TRA / TRW Series



Optional Features

- Solenoid valves & NRV on process inlet / outlet connections
- Inlet / outlet manifold
- High temperature steel braided hose pipe
- High pressure pump for TRA 3/6/9 & TRW 3/6/9
- Heat exchanger for higher cooling (TRA & TRW Series) - Brazed Plate

OTCU Series



OTCU 24 Kw 200 LPM	OTCU 36 Kw 200 LPM	OTCU 48 Kw 400 LPM	TRW 3	TRW 6	TRW 9	TRW 9L	TRW 12s	TRW 12	TRW 18
Oil			Water						
200			95						
24	36	48	3	6	9	12	18		
170	170	400	65			100	60	100	100
3.5	3.5	4	3.8			5.0	3.8	5.0	5.0
3.7	3.7	5.5	0.5			2.2	0.5	2.2	2.2
27		33	55						
415 V, 50 Hz, 3 Phase									
230 V, 50 Hz, 3 Phase									
27.7	39.7	53.5	3.5	6.5	9.5	11.2	12.5	14.2	20.2
95	130		16		25	16	25	45	
R 1-1/2"		R 2-1/2"	R 3/4"			R 1-1/4"			
R1-1/2"		R 2-1/2"	R 3/4"			R 1-1/4"			
R 1"			R 1/2"						
R 1"			R 1/2"						
600X1400X1500	1000 X 1500 X 1500		430 X 780 X 730					480 X 825 X 1010	
350	370	450	60			80	63	135	
RAL 9005 Black / RAL 7047 Telegrey 4									

* Nominal cooling capacity based at 90°C process fluid temperature.
**MC stands for magnetic coupled pump & motor.

LEADING MANUFACTURER OF PLASTIC AUXILIARY EQUIPMENT

Material Storage | Conveying | Drying | Blending | Heat Transfer | Size Reduction



(An ISO 9001:2015 Certified Organization)

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