

Smart 6 plus WIC140TS

Water temperature control unit for industrial applications up to 140°C in the field of plastic injection moulding, chemical, pharmaceutical, cosmetics or steel.

Main features

- Centrifugal pump
- Electronic flow measurement
- Solid state relays for heating
- Frontal cooler for solid state relays
- PID temperature control in cooling and heating process
- Hose breakage and leakage monitor
- Sensor failure monitor
- Automatic water filling
- Indirect cooling system
- Two independent solenoid valves one for cooling one for filling
- Entire cooling system, heaters, tank, process pipes and thermocouple in stainless steel
- Water level sensor through electrode
- Acoustic alarm
- Castors
- Pressure transducer
- Thermocouple in process return
- User friendly touch screen pcb card

Options

- Analogic Input/Output temperature 4...20mA / 0-10 volt
- Interface TTY 20mA, OPC UA, Profinet, RS 485, RS 232
- Multi polar connector for external signals
- Plate exchanger B28x56
- Automatic mould drain
- Pumps MU160-200
- Pump frequency converter

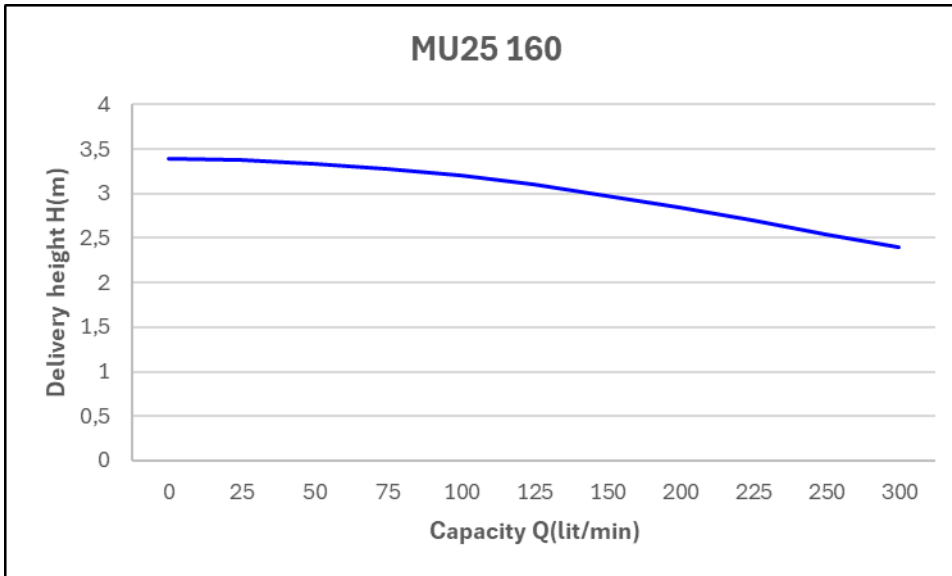


Technical datas

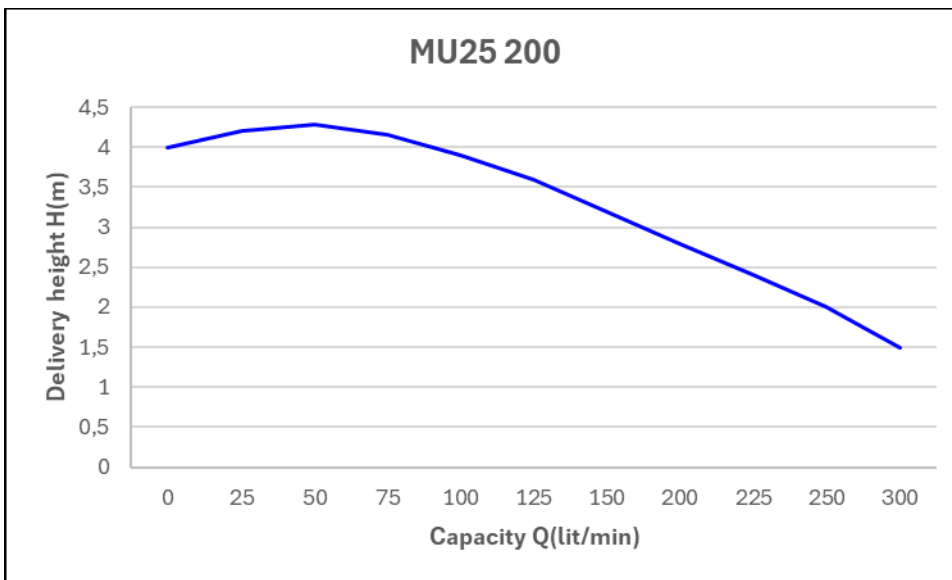
Model		SMART 6 plus WIC 140 TS	
Fluid		Water	
Maximum temperature		°C 140	
PID temperature control heating / cooling		Yes	
Solid state relays + frontal cooler		Yes	
Heating power		Kw	25 - 32 48 - 57 - 64
Cooling power at 15°C	E5Tx20	Kw	100
	B12x30		235 235
Capacity heating cylinders		Lit.	42 65
Centrifugal pump MU25160		Max.Flow Max.Pressure Motor power	300 lit/min 3,5 bar 1,5 Kw
Centrifugal pump MU25200		Max.Flow Max.Pressure Motor power	320 lit/min 4,5 bar 2,2 Kw
Hydraulic process connections		inlet / outlet	1"
Hydraulic cooling connections		inlet / outlet	½"
PCB card		Touch screen	TG 111
Thermocouple type			PT1000
Dimensions		mm	600 x 1250 x 13000h
Color		RAL	7016 - 7035
Max. electrical cabinet temperature		°C	40
Sound pressure level		db (A)	< 70
Weight		kg	195
Voltage		V/Ph/Hz	400/3/50hz 480/3/60hz (option)

Pumps curves

Standard pump



Optional pump



Cooling curves

