PM High Pressure PUMPS

EXCLUSIVE
For Swiss Type Lathes

PRECITRONICS
SWISS Type Technology

MAIN ADVANTAGES

- Ultra-compact design
- Fits underneath most bar feeders.
- Submerged pump.
- Self-cleaning filter to avoid filter exchange & environmentaly friendly with no disposal filters.
- Venting function for immediate high-pressure coolant delivery.
- 7" Full-color HMI with complete PLC.
- Prepared for Industry 4.0 (Optional).

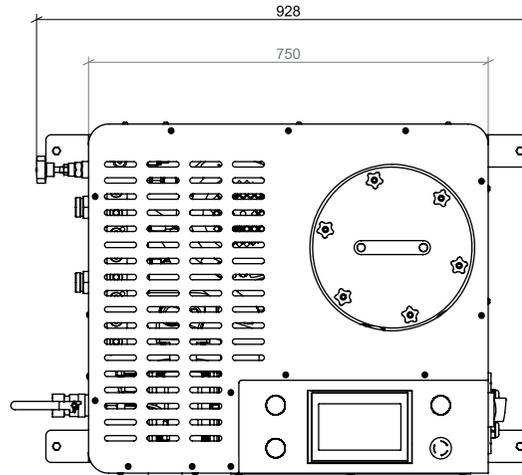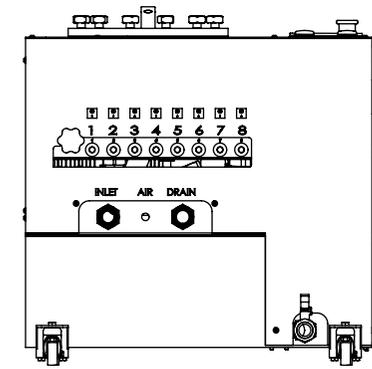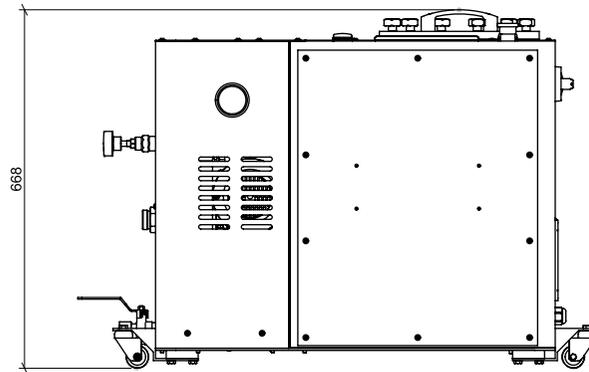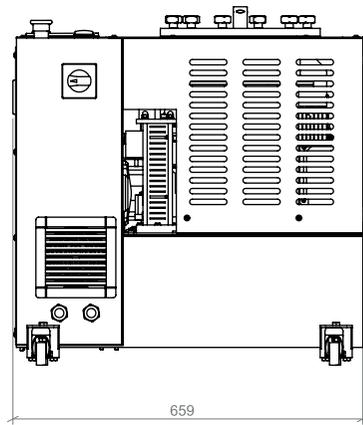| MODEL	
PM 50C - SCE	Compact high-pressure coolant system with reduced layout and self cleaning filter. Fits under multiple barfeeders. Ideal for any kind of material.

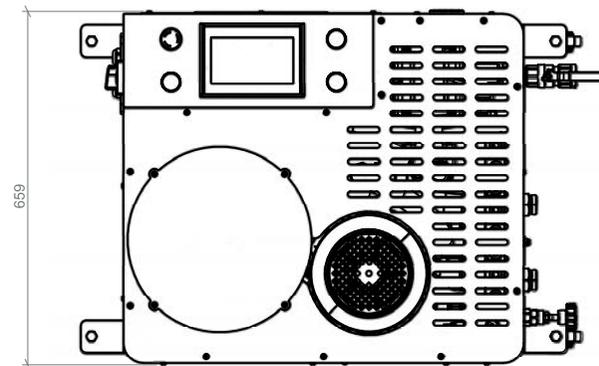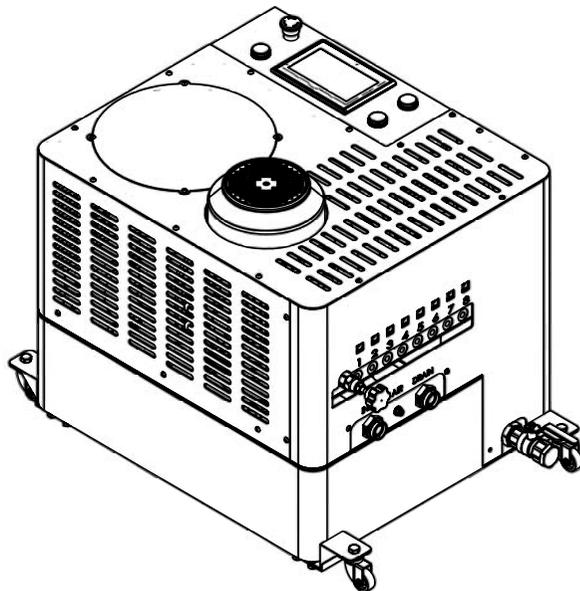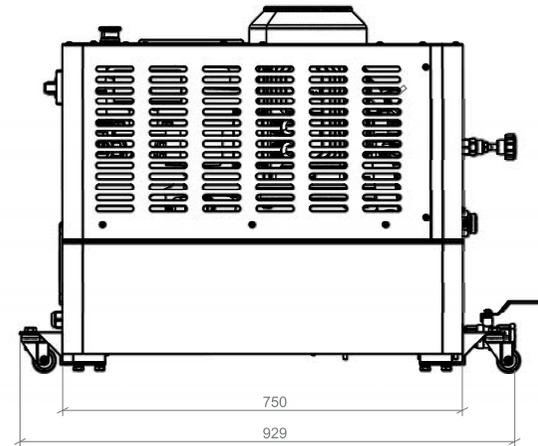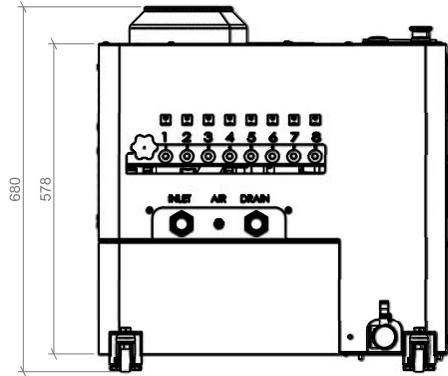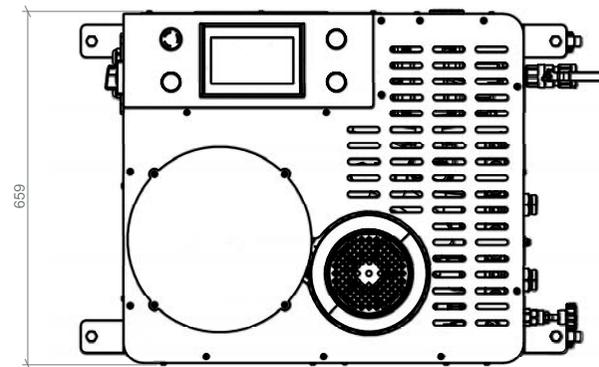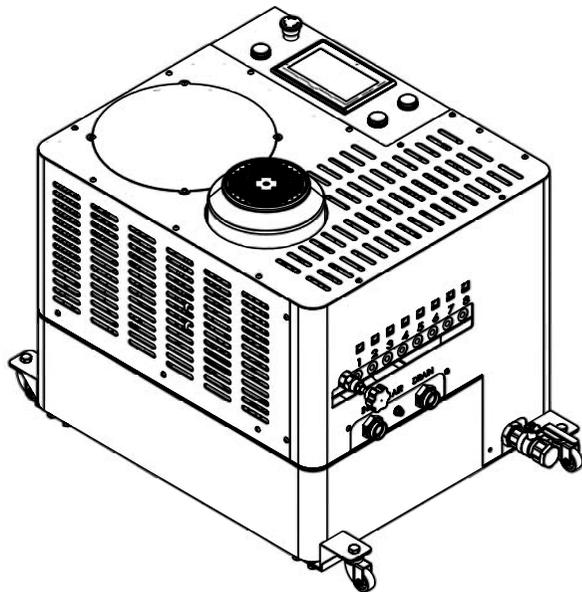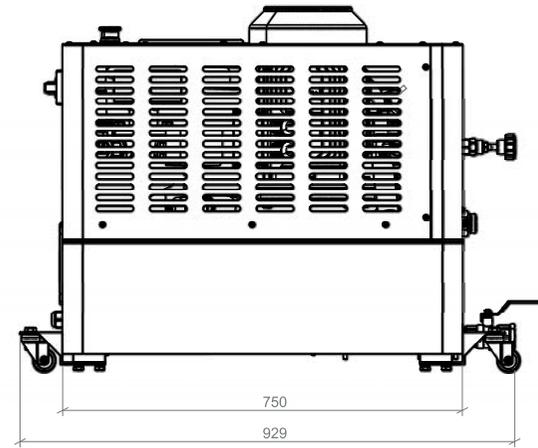| SPECIFICATIONS	
Max. Pressure:	70 Bar to 130 Bar. Depending on model and options.
Flow:	23 to 24 l/min. Depending on model and options.
Type of Coolant:	Oil or Emulsion. Depending on model.
Distribution block:	4 outlets. Expandable to 8. Includes venting valve for low energy consumption and immediate pressure availability. External limiting valve with manual regulation.
Pressure display:	Pressure gauge. Optional: analog sensor with pressure value shown in the display. Included in -HS model.
Filter type:	Self-cleaning filter (MAHLE).
Filtering capacity:	30 µm. (absolute rating)
Filter clogging detection:	Differential pressure wich triggers automatic cleaning cycle.
Controller:	Delta PLC.
Display:	7" inch. Full color touchscreen
Variable Frequency Drive:	Optional.
Programmable pressure:	Up to 16 different pressures. Required -HS model.
Temperature control:	Optional: Thermostat (adjustable). Alarm set at 60ºC.
Connector:	Harting 24 pole. Female + Male (panel mounting).
Pressure control:	Pressure gauge. Analogic pressure sensor -HS model.
Tank capacity:	50 L
Transfer pump:	Internal - included
Tank access for cleaning:	Full tank cover detachable
Size (LxWxH):	750x659x638 mm (70 Bar.) / 750x659x680 mm (120 Bar.) / 750x659x780 mm (130 Bar.)
Weight:	220 Kg
Color:	RAL 7016 (Dark Grey)
Voltage:	400V / 3 / 50 Hz.

INCLUDED AS STD.	
Packing:	Pallet with schrink plastic foil.

659

668

928

750

1 2 3 4 5 6 7 8

INLET   AIR   DRAIN

Quantity:	Reference:		O.F.		Designed By: A. Chaves		Date: 17/11/2020		Checked By: X. Camós	
PRECITRONICS SWISS Type Technology		Description: High Pressure Coolant System				See Also: Nº PM 50C (120 Bar)				
		LAYOUT				Size: A3	Sheet Number: 1 / 1		Scale: 1:10	

Dimensions shown: 680, 578, 750, 929, 659

780
678

750
929

659

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PRECITRONICS SWISS Type Technology		Description: High Pressure Coolant System						See Also: Nº PM 50C (130 Bar)			
		LAYOUT						Size: A3	Sheet Number: 1 / 1		Scale: 1:10