

S2 Series



High Pressure Coolant System with Integrated

An all-in-one high pressure coolant system and integrated chiller, the S2 was designed specifically for the metal cutting industry. It accommodates the growing need for high pressure, stabilized coolant to help maintain the tight tolerances of precision parts. This space-saving system can be used with Swiss style or traditional CNC machines.

Key Features

- Use with Water Based Coolants or Suitable Oils
- 8 GPM, Adjustable up to 1,000 PSI (oil or water)
- 5 GPM, Adjustable up to 2,000 PSI (oil only)
- Exclusive Programmable 7-Day Timer Clock
- Integrated Design Saves Floor Space
- Use with Swiss or Traditional CNC Machines
- Simplified Hose Routing
- Remote Valve Block Option
- 2 Ports Standard, Multiple Ports Available
- Clear Display PLC
- 208/230V
- Built-in Feed Pump
- Keeps Coolant Temperature +/-1 Degree of Ambient Temperature

Filtration

- 5 Micron
- Dirty Filter Alarm
- Quick Change
- Large Capacity



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Specs	S2
Fluid Type	Oil or Water
Max. Pressure	Up to 2000 PSI Oil, Up to 1000 PSI Water
Max. Flow Rate	5 GPM (19 l/m) Oil, 8 GPM (30/m) Water
Ports	2 Std. 4-8 Remote Valve Block Option
Filtration	1 Large Quick Change Filter Bag
Main Motor HP	7.5 (10 kw)
3 Phase Voltage	208/230V
Control Voltage	24V
Feed/Supply Pump	Standard
Cooling Capacity	18,000 BTU

Options	Description
Line Kit	Varies by machine. Call MP Systems for details.
Spare Filter Bag	Replacement 5 Micron "O-Ring" bag
Installation	Basic Install to Machine Tool

Footprint	L x W x H	Ship Weight
S2	58" x 21" x 42"	850 lbs

Notes

1. Recommended for pumping cutting fluids up to 90-140 SUS @ 100° F
2. Confirm spare M codes (1 set per port)
3. Specifications are subject to change without notice