

PRESS RELEASE

SU-matic / MP systems complements the product range high pressure coolant systems with the following products: Swiss turn lathe machine and high pressure systems with variable flow and programmable pressures

High Pressure Coolant (HPC) systems are an extremely cost effective and superior performance alternative to traditional flood cooling. High pressure refers to pumping coolant at pressure in excess of 20 bar. In general machining, this usually refers to 70 bar and in some applications as ultra high as 200 bar.

The following high pressure coolant systems are available at SU-matic:



Type Key features

RTF

- Equipped with two coolant high pressure pumps which give you the possibility to have a max. flow rate of both pumps of 30 l/min (two single pumps in action)
- Patented diaphragm pumps
- Integrated coolant tank with a reservoir of 265 liter

Type Key features



VR8

- User programmable pressure by using the M-function at the CNC control
- Patented diaphragm pumps
- Integrated coolant tank with a reservoir of 190 liter



V2

- It is a compact designed high pressure coolant system which has optimal room below of the bar feeder
- Optimized for swiss type lathes
- One valve block with 8 outputs, which can be controlled individually and under pressure
- Built-in heat exchanger
- **Version HW**
Can be used with water or oil coolants.
It works with a max. pressure up to 70 bar and with a max. flow rate of 30 l/min.

As pump patented diaphragm pumps
- **Version HO**
Can be used only with oil coolants.
It works with a max. pressure up to 70 bar and with a max. flow rate of 30 l/min

With the help of a high pressure coolant system from SU-matic / MP Systems you are able to make your machining processes more efficient. You will have the following benefits, increase of the cutting tool life. This is only one advantage which you have by using our solution.

Furthermore you reach the following goals with our high pressure coolant systems:

- **Superior Chip Management**

Faster spindle speeds generate smaller chips and flush them away faster and more efficiently from the cutting edge

- **Faster Speeds / Quicker Feeds**

Cycle times are decreased by 25–75%

- **Deep Drilling, Smoother Surface Finishes**

HPC allows for deeper drilling and cleaner surface finishes by flushing cut chips away from the working edge of the tool



You will find our NEW catalog on our website, for download.

<http://www.su-matic.com/en/products/mp-systems-high-pressure-coolant-systems.html>

SU-matic Corp.

SU-matic Corp. a worldwide leader manufacturer of precision toolholders like multispindle, angle and drum turrets and sells premium products in all forms and variants for the metal processing industry. Our precision toolholders are manufacturer in compliance with the DIN standards for the interfaces specified by the machine tool manufacturers worldwide. SU-matic Corp. is a international successful company, how is a leader in the industry's innovation and technology for nearly 30 years, our collaboration with the different machine tool manufacture is very closely for the developing our own.









The headquartered of the company is located in Brugg, nearly Zurich. SU-matic Corp. is a part of the family owned Suhner Holding Corp., how are supported by over 700 employees world wide, with the focus of developing and realising solutions for the improvement of industrial products and processes for over one hundred years.

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We are happy to provide you with further information upon request.

					
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