

High pressure cutting/cooling oil pumps

Increase productivity and profitability



- Cutting oil filter station with 4 or 6 stainless steel filter housing assemblies with disposable textile filter bags in 5 μ or 1 μ dependent upon cutting oil grade.

Change over possible during operation. Bag replacement normally needed only once a week

- Automatic self monitoring system
- Completely wired ready to 'plug in'.

- Automatic pressure and volume control
- Drive motor fitted with frequency converter to enable precise selection of pressure and volume to suit the tool.
- Control signal via M command from the machine tool.



Optional:

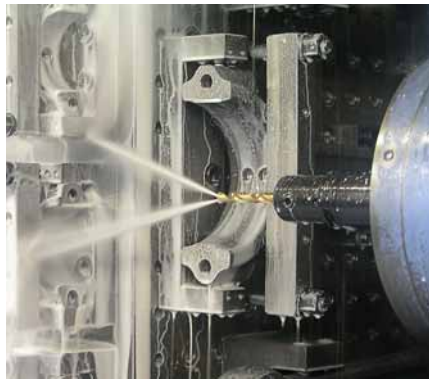
- Sound damping cover
- Change over valves to service a number of machine tools from a central pump station

High pressure cutting / cooling oil pumps



Advantages

- Cooling effect and dynamic power result in a good, controlled swarf break off
- Improves surface quality
- Increases cutting performance
- Drilling performance increased at 50 to 700 bar
- Lengthens tool edge life
- Reduces machining time



Rotary connection



(see separate data sheet)



High pressure pumps

Pump type	Operating press.	Flow rate	Power rating
HDP 42	20 – 1000 bar	20 - 120 l/min.	40 kW
HDP 72	20 – 1000 bar	30 - 250 l/min.	70 kW
HDP 122	20 – 1000 bar	60 - 350 l/min.	120 kW

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