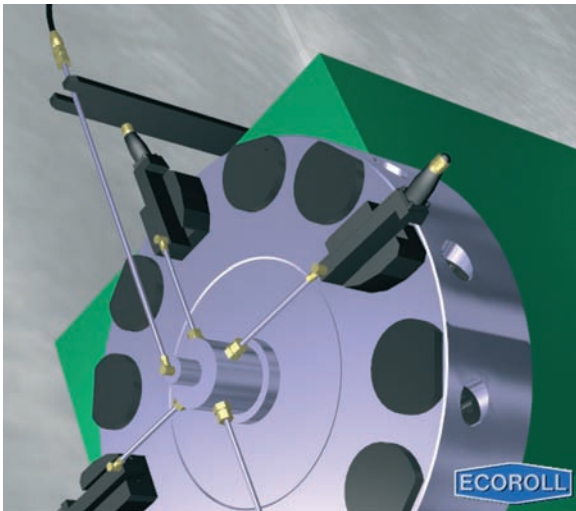


Accessories for Type HG Tools: Integrated High Pressure Pump

- Standard for HGx-5, HGx-6, HGx-7
- For use with CNC-controlled lathes equipped with tool drive systems and standard DIN 69880 tool mounts (VDI shank) with diameters of 20 - 80 mm
- Coolant (under low pressure) supplied through the turret head
- Tool drive system activates the pump
- Clockwise or counter-clockwise rotation
- Maximum speed of 3000 rpm
- Built-in pressure relief valve limits the maximum pressure to 400 bar
- Available pressure gauge for adjusting burishing force
- **The machine tool must be equipped with a filter for the coolant lubricant (nominal mesh size $\leq 40 \mu\text{m}$).**

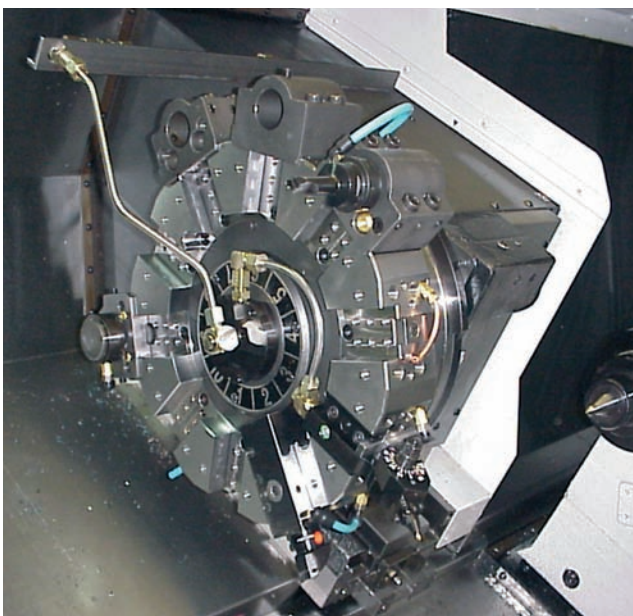
Accessories for Type HG Tools: DD Rotating Unions



DD/DS Rotating Union

On a CNC-controlled lathe without a tool drive system, the DS rotating union can supply up to four tools with high pressure emulsion.

This rotating union is centrally mounted on the face side of the turret. Fixed pressure lines run from the coupling's rotor to the tool(s). The coolant supply is connected to the rotating union's stator and to an external hydraulic pump unit (via a high pressure hose).



DD/DE Rotating Union

The DE rotating union supplies high pressure emulsion to just one tool.