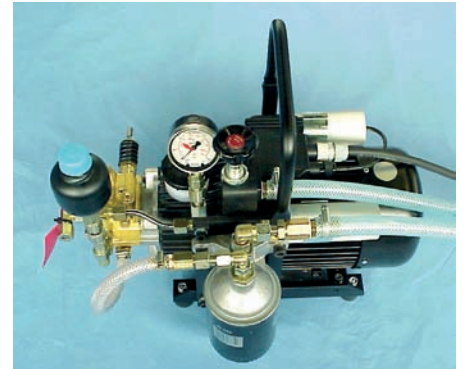


Accessories for Type HG Tools: Type HGP High Pressure Pumps

HGP hydraulic pump units provide pressure to the HG “ballpoint” type hydrostatic tools or to other tools without integrated pumps.

Using the pump unit can prevent rounded workpiece edges in the areas where burnishing begins or ends. The unit gradually increases and decreases the rolling pressure. During deep rolling the unit can be used to create smooth transitions to unburnished areas.

- Can be used with conventional lathes, machining centers, and CNC-controlled lathes without tool drives
- Portable or fixed versions available
- The pump runs with a standard three-phase motor; single phase motors available by request
- On CNC-controlled lathes the M-function can activate the pump and control pressure supplied to the tool



HGP 3.0



HGP 3.7

How to order:

Pump type: see below

HGP3.0 — Pump design: see below

Pump type	Maximum Pressure (bar)	Maximum burnishing elements (HG tool)				
		HG2	HG3	HG6	HG13	HG25
HGP3	200	12	10	8	6	6
HGP4	400	5	4	3	2	2

Pump Design	Description
.0	Portable (by hand), direct start/stop controls, pressure build-up without delay, no switch box
.2	Portable (on a cart), roller burnishing and deep rolling with pressure accumulator(s) and solenoid valve, CNC control with M-function or with manual control cable, includes switch box
.3	Integrated into the machine's coolant tank, roller burnishing and deep rolling without pressure accumulator, CNC control with M-function, no switch box
.4	Integrated into the machine's coolant tank, roller burnishing and deep rolling with pressure accumulator(s) and solenoid valve, CNC control with M-function, no switch box
.5	Portable (on a cart), roller burnishing and deep rolling with pressure accumulators and solenoid valve, CNC control with M-function or with manual control cable, includes switch box
.7	Portable (on a cart), roller burnishing and deep rolling without pressure accumulator, CNC control with M-function or with manual control cable, no switch box