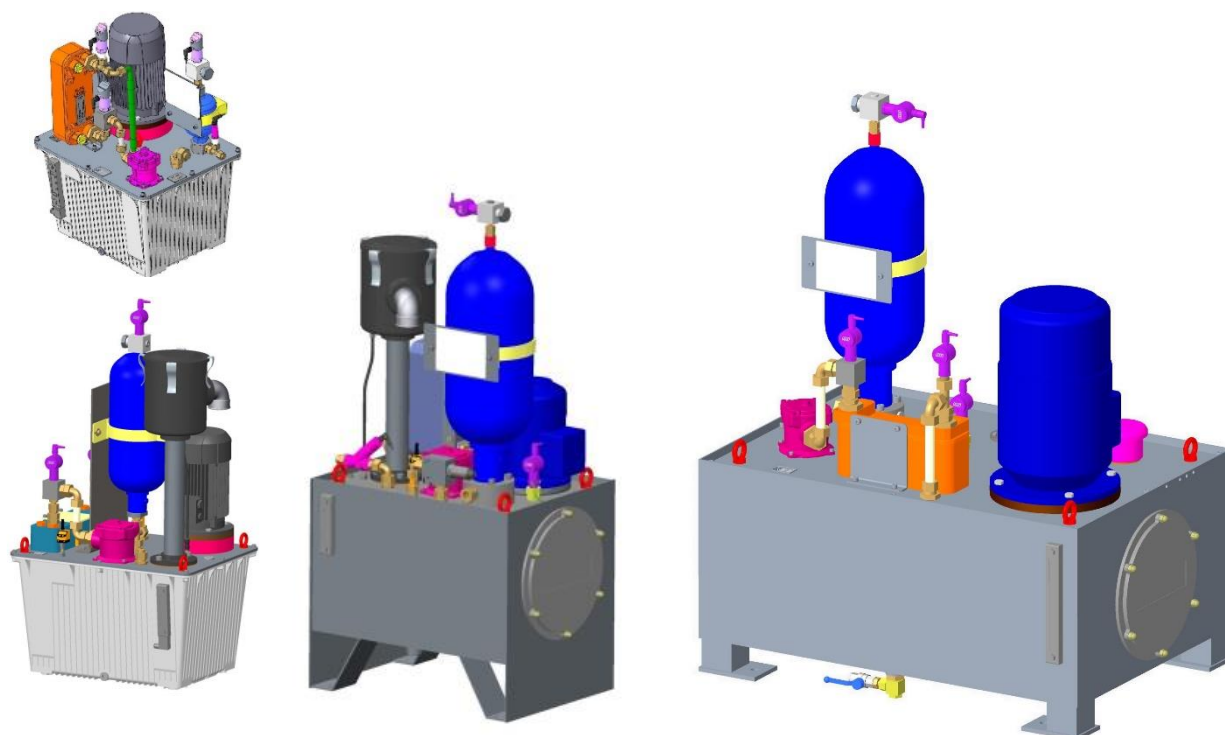


Makes you hydrostatic safe working!

Hydraulic units for hydrostatic systems

HYPROSTATIK
a schunk company

Hydraulic units



Hydraulic units for hydrostatic systems

- A: Hydraulic units for ultraprecision machines focus on highest precision and lowest noise and heat
- B: Hydraulic units for high precision machines for linear axis, B-axis, rotary table, work head and tailstock adapted for highest precision machining
- C: Hydraulic units for hydrostatic spindle and rotary tables, for medium or low viscosity oil, air-oil separation, spindle protection at electric power loss
- D: Big Hydraulic units special for rotary tables of vertical lathes with big tank, oil flow, high pressure and protection at electric power loss
- very precise pump pressure
 - low pulsation of pressure
 - high precision oil cooling system
 - oil feeding system at electric power loss
 - efficient oil – air separation
 - perfect filtration
 - supervision of nitrogen and oil pressure, temperature, filter, level by switch, analogue signal or IO-Link
 - Aluminum 30-100 or steel tank 40-600 Liter optional for machine integration
 - For water cooling or with cooling unit

tank size	30 Liter	44-70 Liter	100 Liter	160 Liter	250 Liter	> 400 Liter
Max. oil flow	0,5 to 4 l/min	3 to 9 l/min	5 to 20 l/min	10 to 30 l/min	15 to 50 l/min	20 to 200 l/min
Pump power	0,75 kW	0,75-2,2kW	1,1 to 7 kW	2,2 to 10 kW	3 to 17kW	5 to 70kW
Typical oil viscosity	VG15 to VG68	VG15 to VG68	VG2,5 to VG68	VG2,5 to VG68	VG2,5 to VG68	VG5 to VG68
Oil pressure	20 to 63bar	25 to 80bar	32 to 160 bar	32 to 160 bar	32 to 160 bar	32 to 120 bar

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