

Production possibilities with a modern machine pool

Turning:

For 150 years, we have been producing cylinders. Today, we supply cylinders with lengths of up to 6,000 mm and cutting diameters of up to 450 mm with a concentricity accuracy of 0.01 mm. The machine pool in the turning shop comprises the following turning machines:

<u>Control system</u>	<u>Manufacturer</u>	<u>Type</u>	<u>Turning length</u>	<u>Cutting diameter</u>
CNC	Böhringer	DUS 630ti	6000 mm	640 mm
CNC	Böhringer	DUS 560ti	4000 mm	570 mm
CNC	Monforts	KNC 3000	3000 mm	300 mm
CNC	Challenger	26120	3000 mm	450 mm

In addition, we use 4 conventional turning machines supplied by VDF with a turning length of up to 6,000 mm.

Milling:

We offer the production of complex milled parts to be joined to turned parts or as separate milled parts. Our machine pool comprises the following milling machines:

<u>Control system</u>	<u>Manufacturer</u>	<u>Type</u>	<u>X axis</u>	<u>y axis</u>	<u>z axis</u>
CNC	Infratirea	Bed-type miller	2000 mm	700 mm	700 mm
Conventional	Reckermann	Universal	400 mm	200 mm	200 mm
CNC	Knuth	Universal	400 mm	200 mm	200 mm

Surface grinding:

Our three grinding machines with lengths of between 2,400 and 5,500 mm offer diverse possibilities for surface grinding applications. Our machine pool comprises the following grinding machines:

<u>Control system</u>	<u>Manufacturer</u>	<u>Type</u>	<u>Grinding length</u>	<u>Grinding width</u>
Conventional	Reform	AR55/71	5500 mm	300 mm
Conventional	Reform	AR31/71	3100 mm	300 mm
Conventional	Göckel	G65Rsel	2400 mm	300 mm

Balancing:

All cylinders are precisely balanced in accordance with ISO 1940 and quality grade G1. We balance pipes and cylinders up to a length of 8,000 mm, a diameter of 500 mm, and a part weight of up to 2 kg.

J. SCHLENTER PRODUCTION

QUALITY BASED ON TRADITION