

Parameters of selected ZVI a.s. machinery

CNC machining centers:

	X-axis	Y-axis	Z-axis	Table	Work piece max.
VMC 50	1000 mm	500 mm	500 mm	1200 x 500 mm	120 kg
DMU 80T	800 mm	400 mm	500 mm	Ø 800 mm	80 kg
Picomax 100	2000 mm	400 mm	350 mm	2000 x 500 mm	30 kg
Schaublin 33	500 mm	250 mm	400 mm	320 x 320 mm	20 kg
EMCO 300	420 mm	330 mm	400 mm	850 x 325 mm	15 kg
BPC 320	320 mm	250 mm	300 mm	300 x 300 mm	30 kg
DMU 60	730 mm	560 mm	560 mm	1000 x 600 mm	100 kg

CNC lathes:

	Turning Ø max.	Ø through spindle max.	L max.	Tailstock	Work piece max.
Nakamura-Tome	-	42 mm	503 mm	No	10 kg rod
Colchester	-	51 mm	350 mm	Yes	12 kg rod
Weiler Praktikus	60 mm	42 mm	250 mm	No	10 kg rod
Weiler Primus	160 mm	42 mm	250 mm	Yes	12 kg
SPT 16NC	160 mm	-	500 mm	Yes	30 kg
Johnford SL-40L	450 mm	76,5 mm	1000 mm	Yes	50 kg

Wire erosion machines:

	X-axis	Y-axis	Material thickness max.	Work piece max.
BPW 275	200 mm	300 mm	140 mm	400 x 300 mm

Coordinate measuring machine:

	X-axis	Y-axis	Z-axis
Mitutoyo-Crysta-Apex C	500 mm	700 mm	400 mm

Practicable tolerances:

Between IT6 – IT12 according to the employed machinery.

Except above mentioned machinery there is also available conventional technology. Machines for cylindrical and internal grinding, horizontal and vertical surface grinding machines, tumbling machines, revolving lathes, horizontal and vertical milling machines, sand blasting etc.

Machined materials:

Structural steel, Highly alloyed steel, Stainless steel, Aluminum alloys for the applications in aviation, optics, electrical engineering, Cast iron, Magnesium alloys, Brass, Bronze, Plastics of types ERTACETAL, TECAPEEK, etc.

Formats of technical documentation:

pdf, dwg, step, dxf, igs.