

## TECHNICAL POSSIBILITIES

### Production possibilities

Machines	Type	Pcs	Ø	Max. (mm)		
				x	y	z
centre lathes	conventional	16	200*	1150		
	CNC Masturn 54	1	350*	865		
	CNC Masturn 50	1	350*	860		
	CNC HAAS TL - 1HE	1	216*	762		
	MORI SEIKI NLX2500/700Y	1	350	705		
	MORI SEIKI NLX2000/500	1	350	510		
	BIGLIA B620 YS	1	452	765		
	MANURHIN K'MX 413	1	160	130		
MAZAK QNT 200 MY	1	675	538			
milling machines	conventional	5		320	1300	
	NC MAHO 50S	1		400	367	
	FGSQ 32 CNC B	1		320	1000	
CNC milling machines	MCV 1000 CNC	1		1016	610	660
	MCV 1000 Quick CNC	1		1016	610	660
	MCV 1016 Quick CNC	2		1016	610	710
Five-axis milling machining	DMF 180	1		1600	700	700
surface grinding machine	ESG-2460TD CNC	1		610	1560	520
	ALPA RT 1100 CN	1		500	100	500
	conventional	5		250	1000	
centre grinding machine	conventional	8	360	1500		
bore grinding machine	conventional	7	380	1000		
tap grinding machine	Reishauer	1	180	800		
	HAUSER S40	2	350	630	770	
CNC grinding machine	JUNKER Allround	1	290*			800
	STUDER S33	1	300*			600
	STUDER FAVORIT	1	300*			1000
	Note: Allround und Favorit with bore grinding					
spark erosion machine	Mitsubishi EA12-S	1		400	300	300
	AGIE MONDO 2	1		300	220	200
	AGIE TRON EMS 3	1		420	320	460
wire cutting machine	Mitsubishi FA 20 VS	1		500	350	270
	Mitsubishi MV2400S	2		600	400	270

\* max.Ø over support

### Control equipment

- Universal measuring centre OPTON UMC 850
- Measuring instruments for roughness Hommel tester 2000
- MITUTOYO height measuring instrument
- Zeiss microscopes
- SIP length measuring instrument
- other classical gauges and instruments

### Construction

System ZW CAD (2012+, 2014+), SOLIDWORKS (2014)  
 Interface dwg, dxf, stp, x\_t, iges

### Programming of CNC machines

System SOLIDCAM (2014), SURFCAM (2014), I-DEAS Master Series (5m3), KOVOPROG (4.12), D-CAMCUT Pro (8.2)  
 Interface dwg, dxf, stp, x\_t, iges

ZBROJOVKA VSETÍN  
**nástroje**

