

### CNC 5-axis universal milling centers

Machine	Producer	Working space of machine (mm)	Max. load of table (kg)	Ø Turning table (mm)	Spindle speed (RPM)
DMU100	Deckel Maho	1150 x 710 x 710	800	800	20 - 12000
DMU 60/60	Deckel Maho	630 x 560 x 560	500	600	20 - 12000
DMU 50	DMG	500 x 450 x 400	300 (feeder 150)	630 x 500	20 - 12000
C42U	Hermle	800 x 800 x 550	850	800	20 - 15000
C42U	Hermle	800 x 800 x 550	850	800	20 - 18000
C42U	Hermle	800 x 800 x 550	850	800	20 - 18000
C42U	Hermle	800 x 800 x 550	850	800	20 - 18000

### CNC 3-axis universal milling centers

Machine	Producer	Working space of machine (mm)	Max. load of table (kg)	Spindle speed (RPM)
NXV 1380A	YCM	1330 x 762 x 700	1500	20 - 12000
NSV 1060A	YCM	1020 x 600 x 600	1500	20 - 12000
NSV 106A	YCM	1018 x 611 x 615	900	40 - 8000
VSC 3 - 4000 XTS	AXA	4000 (2x1750) x 700 x 800	1500	20 - 12000

### CNC Lathe centers

Machine	Producer	Max. dimensions of part (mm)	Max. Ø rod mat.	Max. spindle load (kg)	Max. load between centers (kg)
CTX 450	DMG	Ø machined 400, Ø orbital 650, length 600	75	50	150
CTX 420	DMG	Ø machined 324, Ø orbital 680, length 450	65	50	100
CTX 310	DMG	Ø machined 246, Ø orbital 365, length 445	50	50	80
LU300-MY-250-980	OKUMA	Ø machined 340, Ø orbital 530, length 980	70	41,5	150
EMCOTURN E65 SMY	EMCOGROUP	Ø machined 500, Ø orbital 610, length 520	95	50	N/A
EMCOTURN E65 SMY	EMCOGROUP	Ø machined 500, Ø orbital 610, length 520	65	50	N/A
EMCOTURN E65 M	EMCOGROUP	Ø machined 500, Ø orbital 610, length 520	95	50	150
POWERMILL 65	EMCOGROUP	Ø machined 500, Ø orbital 610, length 520	65	50	150

### CNC grinding machine for holes and diameters

Machine	Producer	Max. dimensions of part (mm)	Max. spindle load (kg)	Max. load between centers (kg)
06M 390 NL	OKAMOTO	grinding of external diameters (Ø 300, length 900) and openings (max Ø 100, depth 100)	40	150

### 3D measuring machine

Machine	Producer	Max. dimensions of part (mm)	Max. load of table (kg)
LK Integra 10.7.6	LK Limited	800 x 500 x 470	820
Contura 62 HTG	Carl Zeiss	1000 x 1600 x 600	1500

### Conventional milling machines

Machine	Type	Max. dimensions of part (mm)	Max. weight of product (kg)	Notices
FO 06	hobbing	max. gear Ø 600 mm	30	module 0,25 - 6
Pfauter 630	hobbing	max. gear Ø 630 mm	80	module 0,25 - 8
FA3AU	conventional	900 x 240 x 310	200	
F6S 32/4 (2 pcs)	conventional	1000 x 350 x 400	300	

### Grinding machines

Machine	Type	Max. dimensions of part (mm)	Max. dimension of the ground opening (mm)	Max. weight of product (kg)	Notices
BUA 25	cylindrical/internal	Ø 250 x 1000	Ø 100, depth 100	60	
BDU 50	internal	N/A	Ø 80, depth 150	8	
BU 28 - 630	cylindrical	Ø 220 x 600	N/A	65	
BV 70	vertical	2000 x 700 x 400	N/A	250	minimal thickness of material 2 mm
BPH 20	flat-surface	600 x 200 x 200	N/A	20	
BPH 20	flat-surface	600 x 200 x 200	N/A	20	
BPH 320	flat-surface	1000 x 300 x 320	N/A	20	

### Lathe machines

Machine	Type	Max. dimensions of part (mm)	Max. weight of product (kg)	Notices
SU 50A	conventional	Ø 250 x 1800	200	inner through Ø 55, swing Ø 500
SN 40B	conventional	Ø 250 x 450	20	inner through Ø 50
R5	revolver	Ø 250 x 450	20	inner through Ø 50
SUS 63	conventional	Ø 390 x 2500	200	inner through Ø 80, swing Ø 630

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EN2405

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# Wikov Sázavan



Wikov Sázava offers a large spectrum of machining technology, as well as related support processes

- Machining**
- CNC 5-axis milling
  - CNC 3-axis milling
  - CNC lathes
  - CNC grinding
  - Vertical grinding
  - Surface grinding
  - Round grinding
  - Horizontal boring
  - Drilling
  - Gearing milling
  - Classical milling
  - Lathes
  - Vertical slotting

- Surface treatment**
- Hard chrome
  - Blackening
  - Painting

- Heat treatment**
- Annealing
  - Tempering
  - Quench hardening

- Checking/ Technical production**
- CNC 3D measuring
  - Design
  - Technology
  - Jigs

- Others**
- Welding
  - Metalworking
  - Material cutting
  - Steel sheet cutting
  - Sandblasting
  - Assembly
  - Testing



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- Gearboxes
- Machine tools
- Forming machines
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