

EQUIPMENT OVERVIEW

TURN / MILL MACHINING CENTERS CNC	MAX. Ø	MAX. BAR CAPACITY Ø	MAX. LENGTH	CONFIGURATION/ AUTOMATION
DMG MORI NTX20001500SZM	660	80	1540	B-axis, Y-axis, sub spindle, lower turret, simultaneous 5-axes milling and automated bar feeder

LATHES CNC	MAX. Ø	MAX. BAR CAPACITY Ø	MAX. LENGTH	CONFIGURATION/ AUTOMATION
DMG MORI NLX2500Y/1250	275	80	1255	Y-axis, driven tools and programmable center
Mori Seiki NL2000SY	356	65	590	Y-axis, sub spindle, driven tools and automatic bar feeder
Schaublin 110	115	32	235	driven tools, programmable center and automatic bar feeder
Victor A26-1300YCM	420	75	1300	Y-axis, driven tools and programmable center
Mori Seiki NL2000-500	356	65	590	programmable center
Mori Seiki CL-200A	205	52	350	automatic bar feeder

CONVENTIONAL LATHES	MAX. Ø	MAX. BAR CAPACITY Ø	MAX. LENGTH
Cazeneuve	575	50	1000
Weiler Ergodor	230	32	430
Schaublin 125	270	26	500

MILLING MACHINING CENTERS CNC	MAX. X	MAX. Y	MAX. Z	CONFIGURATION/ AUTOMATION
DMG MORI NMV3000-34APC	500	350	400	5 axes, automated pallet loader, 34 pallets Ø350, 12.000 rpm
DMG MORI NMV3000-34APC II	500	350	400	5 axes, automated pallet loader, 34 pallets Ø350, 20.000 rpm
DMG MORI NMV5000-20APC	730	510	510	5 axes, automated pallet loader, 21 pallets 400x400, 20.000 rpm
DMG MORI NVX5100/40	1050	530	510	4th axis
DMG MORI Ecomill 1100 V	1100	560	510	
Hermle UWF900-E	600	450	500	4th axis
Fehlmann Picomax 54	500	260	480	4th axis

CONVENTIONAL MILLING MACHINES	MAX. X	MAX. Y	MAX. Z
Deckel FP4M	500	400	400

ENGRAVING MACHINES	
Gravograph IS400	CNC controlled
Euromark ME92	electrolytic etching
Ideal ES100	electric (hand) engraving

CLEANING (2019)	
Branson modular ultrasonic cleaning line 90L	7 baths incl. drying oven and linear robot
4-bath ultrasonic cleaning 24L	manual cleaning line incl. oven

CASTING	
Kocken casting furnace 2x	capacity 350 kg, bottom outlet

SAWING MACHINES	MAX. Ø	
Cosen C3	360	CNC band saw, fully automatic
Bewo CPO315	100	circular sawing machine

OTHER EQUIPMENT	REACH			
Microtap 90-6				threading machine
Jung HF50 surface grinding and profile grinding	Max. X: 500	Max. Y: 200		grinding machine
Sunnen MBC1803	Max. Ø: 160	Max. length: 250		honing machine
Urpe M200G	Max. width: 12			slotting machine
Plate shear	Max. thickness: 2	Max. width: 1050		
Shotblasting line Schlick Roto-Jet				
Wenzel LH65 3D measuring machine	Max. X: 650	Max. Y: 750	Max. Z: 500	coordinate measuring machine with probe changer
Hauser H601-DR				profile projector
Mitutoyo S-210				surface roughness tester

Dimensions in mm