

Machinery

as of July 2019

Manufacturer	Type	Machining up to ...mm	Ø bar max.	Remarks
Turning (CNC)				
CMZ	TL20	Ø400 x 600	66	
DMG Mori	CLX 350	Ø320 x 530	65	Rotary tool spindle
DMG Mori	NLX 2000 MC/500	Ø 60 x 500	60	Rotary tool spindle
DMG Mori	NLX 2000 SY/500	Ø 350 x 500	65	Y-axis, rotary tool and sub-spindle
DMG Mori	NLX 2500 SY/700	Ø 60 x 700	60	Y-axis, rotary tool and sub-spindle
DMG Mori	NLX3000 MC 700	Ø430 x 713	102	Rotary tool spindle
DMG Mori	NZX2000 SY 800	Ø250 x 300	80	Two turrets, each with Y-axis and rotary tool spindle and sub-spindle
Doosan	Puma GT 2100 M	Ø300 x 500	68	Rotary tool spindle
Doosan	S - 390	Ø 350 x 600	90	
Goodway	GS 400	Ø 610 x 950	115	
Mori Seiki	AL - 2/30 Collet	Ø 45 x 400	30	
Mori Seiki	AL - 22/42 Collet	Ø 45 x 450	42	
Mori Seiki	CL - 15	Ø 45 x 250	32	
Mori Seiki	CL - 20	Ø 220 x 150	-	
Mori Seiki	CL - 203A	Ø 45 x 200	42	
Mori Seiki	NL 2000 SY	Ø 200 x 250	64	Y-axis, rotary tool and sub-spindle
Mori Seiki	NLX 2500 SY/700	Ø 200 x 700	80	Y-axis, rotary tool and sub-spindle
Mori Seiki	NT 4200 DCG 1000 S	Ø 600 x 1000	65	Multi-axis machine
Mori Seiki	SL - 150	Ø 200 x 400	42	
Mori Seiki	SL - 154	Ø 200 x 500	-	
Takisawa	LA - 200	Ø250 x 329	-	
Takisawa	TS 15 E	Ø 45 x 400	30	
Milling (CNC)				
DMG Mori	CMX 1100 V	1100 x 560 x 510	-	4 axis
Mori Seiki	NMV3000 DCG	Ø350 x 300	-	5 axis (simultaneous) with automatic pallet changer
Mori Seiki	SV - 40	400 x 500 x 450	-	4 axis
OKK	VP 600 - AX	1120 x 610 x 460	-	5 axis (simultaneous)
Grinding				
Geibel & Hotz	FS 640 Z CB	400 x 600	-	CNC flat grinder
Studer	favoritCNC	Ø 130 / length 650	-	CNC OD grinder
Studer	S 40-3	Ø 130 / length 400	-	CNC OD grinder
Sunnen	ML-2000	Ø 3 to Ø 95	-	Honing machine
Supplementary equipment				
Fehlmann	FP 30	-	-	Conventional milling / drilling machine
Deckel	FP 2	-	-	Conventional milling machine
GDW	300 CS	Ø150 x 600	-	NC-Lathe
Weiler	Condor 81	-	-	Conventional lathe
GDW	FK 260133	-	-	Chamfering machine
Kasto	twin A4	-	400	Saw
Kasto	SBA 260 AU	-	260	Saw
Vibrochimica	VBT 100/7	-	-	Vibratory grinding
Reiter	TROVI 16	-	-	Vibratory grinding
Safety Kleen	TR 110	-	-	Washing / cleaning
DeSonic	UCS PL 45	440 x 240	-	Ultrasonic cleaning system
Measuring				
Garant	MM1-200	200 x 100 x 100	-	Video measuring microscope
Keyence	IM-7030T	300 x 200	-	Image dimension measurement system
Mitutoyo	Crysta Apex C	505 x 705 x 405	-	Coordinate measuring machine (3D)
T&S	ConturoMatic T1	250 x 320	-	Form measuring instrument