

List of machining equipment

Centre lathes

Type	Turning- ϕ x Turning length	Clamping weight max.	Aggregates
Weiler E110	1100 x 6000 mm	6 to	1
Weiler E110	1100 x 3000 mm	4,5 to	4
V 1000	1000 x 6000 mm	5 to	1
Weiler E70	720 x 3000 mm	3,8 to	3
Gildemeister MD7	420 x 2000 mm	1,8 to	1
Stanko	490 x 8000 mm	3,5 to	1
Löw W722	480 x 6000 mm	2,2 to	2
Weipert	420 x 6500 mm	3 to	1
Löw W722 VS	400 x 3000 mm	2,2 to	1
Monforts	380 x 500 mm	0,5 to	1
DMT Kern	300 x 3000 mm	2 to	1
Löw W570	300 x 1000 mm	0,2 to	1
Weiler DA260	345 x 1500 mm / 345 x 1000 mm	0,2 to	2
Weiler DA 210	245 x 1000 mm	0,15 to	1
Weiler E50	500 x 1000 mm	0,5 to	1
Weiler E30	300 x 750 mm	0,2 to	1

Boring and turning machines

Type	Turning- ϕ x Turning length	Clamping weight max.	Aggregates
Schiess VMG 1.28	3200 x 2500 mm	25 to	1
Schiess	2000 x 1250 mm	12 to	1
Okuma V100	1000 x 890 mm	1,2 to	2

Turning and milling centres

Type	Turning- ϕ x Turning length	Clamping weight max.	Aggregates
WFL Millturn M100	1000 x 3000 mm	6,0 to	1
WFL Millturn M120	1200 x 3000 mm	6,0 to	1
Mori Seiki NTX 2000	200 x 1560 mm	0,5 to	1
Okuma Multus U4000	650 x 1600 mm	0,6 to	1

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Portal milling machine

Type	Axe X Y Z	Clamping weight max.	Aggregates
KaoMing	2650 x 2150 x 775 mm	10 to	1


Boring and milling machines

Type	Axe X Y Z	Clamping weight max.	Aggregates
Starrag Heckert	3400 x 2990 x 2500 mm	13 to	1
PAMA Speedram	12000 x 4000 x 2200 mm	40 to	1
PAMA Speedram	12000 x 3500 x 2200 mm	40 to	1
Union CBFK 150	3600 x 2000 x 2400 mm	8 to	2
C&E	3000 x 1600 x 1500 mm	10 to	1
C&E	2000 x 1400 x 1650 mm	8 to	1
Wotan B65	800 x 800 x 800 mm	1,5 to	1
Oerlikon	2430 x 1200 x 1200 mm	4 to	1

Bed type milling machine

Type	Axe X Y Z	Clamping weight max.	Aggregates
Correa Axia 85 	8500 x 1500 x 2500 mm	40 to (Crane 16 to)	1
Anayak HVM 6000	5300 x 1500 x 2350 mm	40 to (Crane 40 to)	1
Anayak HVM 2500	2500 x 1000 x 1000 mm	5 to	1
Huron MU6	1500 x 700 x 500 mm	1,5 to	2

Machining centres

Type	Axe X Y Z	Clamping weight max.	Aggregates
DMG DMC 160 U 	1600 x 1600 x 1100 mm (5 axes)	4 to.	1
DMG DMC 125 U	1250 x 1250 x 1000 mm (5 axes)	2 to	1
Hedelius RS100	1500 x 1000 x 770 mm (5 axes)	2,5 to (1,2to Drehtisch)	2
Hedelius RS60	775 x 620 x 532 mm (5 axes)	0,35 to	1
Hedelius RS80	1825 x 800 x 600 mm (5 axes)	1,0 to	1
DMG DMF 260	2400 x 700 x 700 mm	2,1 to	1
Hedelius BC100	6500 x 1000 x 770 mm	6,5 to	1
Hedelius CB80	6500 x 800 x 610 mm	5,0 to	1
Hedelius C80	4500 x 800 x 600 mm	4,5 to	1
Hedelius C60	2000 x 620 x 520 mm	2,0 to	2
Hedelius C50	1800 x 510 x 480 mm	1,2 to	1
Mori Seiki	1000 x 450 x 500 mm	0,4 to	4

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Measuring machines

Type	Axe X Y Z	Clamping weight max.	Aggregates
ZEISS MMZ-G	2500 x 3000 x 2000 mm	10 to	1
ZEISS Accura	1200 x 2500 x 1000	2,5 to	1
FARO Messarm	Bowl ø2,4 m		1

Grinding machines

Type	Grinding type	Dimensions	Aggregates
Tacchella	Cylindrical	ø300 x 1000 mm	1
WMW	Cylindrical	ø350 x 1500 mm	1
Blohm Hanseat 75	Surface	L 850 x B 500 x H 500	1

Balancing machines

Type	Dimensions	Clamping weight max.	Aggregates
Schenk groß	ø1500 x 6800 mm lg., 3000 U/min	3000 kg	1
Schenk klein	ø700 x 3500 mm lg., 7000 U/min	650 kg	1

Other equipment

Deep hole drilling machine Ixion TL 600	ø6 - ø20 x 600 mm Tiefe
Honing machine	ø50 - ø530 mm, 1400 mm Länge
CNC Flame cutting machine with 1 table Messer Cutting System MCS	2000 x 4000 mm Coordinates-burning Thickness till 120mm, Plasma 25mm
Electro hydraulic press BEN T 200 SRP	2000 kN pressure force, 400 mm stroke, 3200 mm width, 3250 mm length
CNC-Keyseating machine	Key groove according to DIN, 70 mm width, 400 mm length max.
Room spray with exhaust, Hanging system, electrostatic hand spray, airless-drying	10 x 10 m

various small machines for sheet metal processing and welding preparation

locksmith area for componenets of different sizes with approx. 100 MAG welding places

Various sheet metal shears, various saws