

MACHINE LIST
(status October 2024)



COORDINATE GRINDING

Qty.	Machine Type	Label	Working Range
1	Coordinate Grinding Machine	"HAUSER-3 S MDR"	x 400 y 250 mm
1	CNC Coordinate Grinding Machines	"HAUSER-S 35-400"	x 500 y 300 mm
1	CNC Coordinate Grinding Machine	"HAUSER-H 45-400"	x 700 y 500 mm
1	CNC Coordinate Grinding Machine	„RÖDERS RHP 500“	x 550 y 500 z 300 mm

CYLINDRICAL GRINDING

Qty.	Machine Type	Label	Working Range
2	Cylindrical Grinding Machines with internal grinding facility	"TSCHUDIN HTG 610 U"	Centre Height: 150 mm Dist. between centres: 600 mm
1	CNC- Cylindrical Grinding Machines with shell contour grinding	"KELLENBERGER KEL-VARIA"	Centre Height: 225 mm Dist. between centres: 1.500 mm
1	CNC- Cylindrical Grinding Machine with shell contour grinding	"KELLENBERGER KEL-VARIA"	Centre Height: 225 mm Dist. between centres: 1.000 mm
1	CNC- Cylindrical Grinding Machine with shell contour grinding	"KELLENBERGER KEL-VARIA"	Centre Height: 250 mm Dist. between centres: 1.500 mm
1	CNC- Cylindrical Grinding Machine with shell contour grinding	"KELLENBERGER KEL-VIVA"	Centre Height: 175 mm Dist. between centres: 1.000 mm
1	CNC- Cylindrical Grinding Machine	„KELLENBERGER KEL-VISTA“	Spitzenhöhe: 175 mm Spitzenweite: 1.000 mm
1	CNC- Cylindrical Grinding Machine	"KELLENBERGER 1000"	Centre Height: 250 mm Dist. between centres: 1.500 mm

PROFILE GRINDING

Qty.	Machine Type	Label	Working Range
2	Profile Grinding Machine with diaform device	"JUNG HF 50 RD"	500 x 200 mm
1	Profile Grinding Machine with diaform device	"JUNG JE 525"	600 x 250 mm
1	Profile Grinding Machine with diaform device	"JUNG JF 525 N-R"	600 x 250 mm
1	CNC Profile Grinding Machine	"AMADA TECHSTER TS 84 XL"	400 x 700 mm z365
1	CNC Profile Grinding Machine	"AMADA MEISTER G3"	200 x 400 mm z160

SURFACE GRINDING

Qty.	Machine Type	Label	Working Range
1	Surface Grinding Machine	"JONES & SHIPMAN EASY 634"	600 x 340 mm
1	Surface Grinding Machine	„Blohm Planomat HP 408 EP“	800 x 400 mm
1	Surface Grinding Machine	"Fenix FC100"	1000 x 650 mm
1	Surface Grinding Machine	"Fenix FB 100"	1000 x 600 mm

WIRE EROSION

Qty.	Machine Type	Label	Working Range
1	Wire Erosion Machine	"SODICK AG 400 L"	x 400 y 300 z 250 mm
1	Wire Erosion Machine	"SODICK VZ 300 L"	x 350 y 250 z 220 mm
1	Wire Erosion Machine with 0,05mm wire diameter option, with precision finishing generator	"SODICK AP 200 L"	x 220 y 150 z 120 mm
2	Wire Erosion Machines with precision finishing generator	"SODICK AG 600 L Premium"	x 600 y 400 z 350
1	Wire Erosion Machine with precision finishing generator	"SODICK SLC 600 G"	x 600 y 400 z 300

2	Wire Erosion Machines with precision finishing generator	"SODICK SLC 400 G"	x 400 y 300 z 250
1	Wire Erosion Machine with precision finishing generator	"SODICK ALC 600 G"	x 600 y 400 z 350
1	Wire Erosion Machine with precision finishing generator	"SODICK ALC 400 G"	x 400 y 300 z 250
1	Wire Erosion Machine	"SODICK ALC 400 P"	x 400 y 300 z 250
1	Wire Erosion Machine with oil	"SODICK AP 250 L"	x 250 y 170 z 120

SINK EROSION

Qty.	Machine Type	Label	Working Range
1	Sink Erosion Machine	"SODICK AG 60 L"	x 600 y 420 z 370 mm
1	Sink Erosion Machine	"SODICK AG 40 L"	x 400 y 300 z 270
1	Starting Hole Erosion Machine with electrode changer	"RIVER 600"	x 600 y 400 z 300
2	Starting Hole Erosion Machine with electrode changer	"RIVER 600 HP1"	x 600 y 400 z 300
1	Sink Erosion Machine	"SODICK AL 40 G"	x 400 y 300 z 270

PEM-TECHNOLOGY

Qty.	Machine Type	Label	Working Range
1	PEM – CENTER 600	-	x 450 y 400 z 150 mm
1	PEM – CENTER 800	-	x 600 y 500 z 500 mm max. 300kg

MILLING

Qty.	Machine Type	Label	Working Range
1	CNC – Milling Machine with tool changer and NC divider	"MIKRON VCP 800"	x 800 y 450 mm
1	CNC - Milling Machine	"MAHO MH 600 W"	x 600 y 300 mm

with NC round table and tool changer

1	Milling Machine with NC round table	„DECKEL FP 2 NC“	x 300 y 200 mm
3	Milling Machines	"DECKEL FP 1"	x 300 y 150 mm
3	Milling Machines	"DECKEL FP 2"	x 400 y 200 mm
2	Milling Machines	"DECKEL FP 3 L"	x 800 y 300 mm
1	Milling Machine	"DECKEL FP 4 M"	x 500 y 300 mm
1	Milling Machine	"EMCO FP 5"	x 600 y 400 mm
3	CNC – Milling Machines 5 axes	"HERMLE C 40"	x850 y700 z500 mm
2	CNC – Milling Machines	"HERMLE C 40"	x850 y700 z500 mm
1	CNC – Milling Machine	"FEHLMANN PICOMAX 56 TOP"	x450 y350 z350mm
1	CNC – Milling Machine 5 axes with loading robot	"HERMLE C 22"	x450 y600 z330mm
1	CNC – Milling Machine	"HERMLE C 42 V"	x800 y800 z550mm
3	CNC - Milling Machines 5 axes with EROWA	"FEHLMANN PICOMAX 75"	x600 y400 z610
1	CNC - Milling Machine 5 axes	"HERMLE C 22 U"	x450 y600 z330
1	CNC - Milling Machine 3 axes	"MIKRON VCE 800 PRO"	x800 y500 z540
1	CNC - Milling Machine 5 axes with loading robot	"Röders RXP 601 DSH"	x540 y635 z400
1	CNC - Milling Machine 5 axes with loading robot	"Röders RXP 501 DS"	x450 y450 z250
1	CNC - Milling Machine 3 axes	"Mikron VCE 1000 PRO"	x1000 y560 z600
2	CNC - Milling Machine 5 axes	"Hermle C 42 U"	x800 y800 z550 body Ø800 x 500
1	CNC - Milling Machine 5 axes with loading robot	"Hermle C 32 U"	x650 y650 z500 body Ø600 x 400
1	CNC - Milling Machine 5 axes with loading robot and robot	"Hermle C 32 U"	x650 y650 z500 body Ø600 x 400

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1	CNC - Milling Machine 5 axes with loading robot and jig grinder	"Röders RXP 601 DSH"	x540 y635 z400
2	CNC - Milling Machines 5 axes with loading robot and jig grinder	"Röders RXP 501 DS"	x450 y450 z250

TURNING

Qty.	Machine Type	Label	Working Range
1	CNC – Turning Machine with loader an B-axis	"EMCO HYPERTURN 665 MC Power Mill"	Ø 250 x 744 mm
2	CNC – Turning Machines	"EMCO HYPERTURN 45"	Ø 160 x 500 mm
1	CNC – Turning Machine with bezel	"EMCO MAXXTURN 95"	Ø 400 x 1000 mm
2	CNC – Turning Machines	"EMCO MAXXTURN 95"	Ø 400 x 1000 mm
1	CNC – Turning Machine	"EMCOTURN 360"	Ø 220 x 520 mm
1	CNC – Turning Machine with loader	"EMCOTURN 332 MC"	Ø 155 x 230 mm
1	CNC – Turning Machine	"EMCOTURN E 65"	Ø 300 x 610 mm
1	NC Turning Machine	"EMCO E 45 MY"	Ø 220 x 500 mm
1	NC Turning Machine	"Emcomat E-200"	Ø 220 x 600 mm
2	NC Turning Machines	"Weiler E30"	Ø 160 x 600
2	2 Turning Machines	"Emcomat 17 D"	Ø 250 x 500 mm
1	Turning Machine	"Weiler Primus"	Ø 100 x 400 mm
2	Turning Machines with loader and B-axis	"EMCO HYPERTURN 65 Power Mill"	Ø 250 x 800 mm
1	Turning Machine with loader and roboter	"EMCO HYPERTURN 65 TT TRIPLETURN"	Ø 250 x 800 mm
1	Vertical Turning Machine with loading unit	"EMCO VERTICAL VT400MY"	Ø 320 x 200 mm

1	Turning Machine	"WEILER DA 210"	Ø 350 x 1500 mm
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HARD TURNING

Qty.	Machine Type	Label	Working Range
1	Hard Turning Machine	"HEMBRUG 100 CNC"	Ø100 x 350 mm
1	Hard Turning Machine	"HEMBRUG 100 CNC"	Ø200 x 350 mm
1	Hard Turning Machine incl. bezel	"HEMBRUG 100 CNC"	Ø200 x 350 mm
1	Hard Turning Machine	"HEMBRUG 100 XLS"	Ø230 x 400 mm
1	Hard Turning Machine	"HEMBRUG Microturn 100 LS"	Ø200 x 350 mm

MEASURING

Qty.	Machine Type	Label	Measuring Range
4	CNC - Coordinate Measuring Machines	"Mitutoyo Strato-Apex 9106"	x 900 y1000 z 600
1	CNC - Coordinate Measuring Machine	"Mitutoyo Crysta-Apex V9106"	x 900 y 1000 z 600
1	CNC - Coordinate Measuring Machine	"Mitutoyo Crysta-Apex C574"	x 500 y 705 z 400
1	Contour Measuring Machine	"Mitutoyo CV-4100"	x 100 z 50
1	Optical Shaft Meter	"Opticline C614"	Ø140 x 600
1	CNC – Measuring Microscope	"Mitutoyo MM 1300"	x 300 y 200 z 200
1	Digital Measuring Microscope	"VHX-6000"	x 40 y 40 z 50
1	Roughness Measuring Machine	"Mitutoyo SV 3100"	100 mm
1	Roughness Measuring Machine	"Mitutoyo SJ 400"	-
1	Measuring Machine	"Mitutoyo MISTAR 555"	-
1	MITUTOYO – profile projector	-	-
1	EMCOTEST HV hardness tester Dura Scan 20 G5	-	-
6	inch adjusters	-	-

1	PWP 250 adjuster	-	-
1	ISG 3410 shrinking unit	-	-
1	Contour Measuring Machine	"CM1-CNC"	x 190 z 275 z2 330
1	Contour Measuring Machine	"Mitutoyo Formtracer Avant C-3200"	x 100 z 60 z2 500

MARKING

Qty.	Machine Type	Label	Working Range
1	Laser Marker Piranha FL10	"Fa. ACSYS"	approx. x 170 y 170 mm
1	Laser Marker Ytterbium Fiber TF 410 -		approx. x 100 y 100 z 280mm
1	Laser Marker Baublys BL3000	-	100 x 100 x 280 mm with axis of rotation
1	Laser Marker Baublys BL2000	-	x 180 y 180 z 140 mm with axis of rotation
1	Laser Marker Baublys BL2000	-	x 180 y 180 z 140 mm without axis of rotation

SAWING

Qty.	Machine Type	Label	Cutting Width
1	Bandsaw Machine Kastotec AC 4	-	430mm
1	Bandsaw Machine Kasto Cut E 2	-	280mm
1	Bandsaw Machine Kasto functional U -		260mm
1	Bandsaw Machine Kasto Twin U4	-	#WERT!