

Machine list: Status May 2020

Milling

1 x FPT Dino Max

Year of construction: 2006
Travelling distance: X 2950 Y2200 Z1200 / 700
Clamping area: 3500 x 2500
Controlling means: Heidenhain iTNC 530
Other: Round- and rotating axis in the head
Spindle HSK63 18000 U/min
NC-Roundtable Ø2500mm
Tool changing 60times

1x FPT Stinger

Year of construction: 2011
Travelling distance: X 1750 Y1400 Z600
Clamping area: NC-Roundtable Ø 1300 mm
Controlling means: Heidenhain iTNC 530
Other: Axis of rotation in the head
Spindle HSK63 18000 U/min
Tool changing 30times

1x Mikron HPM 1850U

Year of construction: 2006
Travelling distance: X 1850 Y1400 Z720
Clamping area: NC-Roundtable Ø 1600 mm
Controlling means: Heidenhain iTNC 530
Other: 5-axes milling
A-axis
Spindle HSK63 15000U/min
Tool changing 46times

1x	Mikron HPM 1150	<p>Year of construction: 2007 Travelling distance: X 1000 Y 1150 Z720 Clamping area: NC-Roundtable Ø 1000 mm Controlling means: Heidenhain iTNC 530 Other: 5-axes milling A-axis Spindle HSK63 15000U/min Tool changing 46times</p>
1x	Alzmetall GS 1200/5-FDT Milling / Turning	<p>Year of construction: 2016 Travelling distance: X 1000 Y 1200 Z800 Clamping area: NC-round- and rotating-table Ø 1000 mm Controlling means: Siemens 840 DSL Other: 5-axes milling, turning Spindle HSK100 14000U/min Tool changing 66times</p>
1x	Maho DMU 160P	<p>Year of construction: 2003 Travelling distance: X 1600 Y1250 Z1000 Clamping area: NC-Roundtable Ø 1600 mm Controlling means: Heidenhain iTNC 530 Other: 5-axes milling Spindle 12000U/min Tool changing 60times</p>
1x	Reiden RX18 Milling / Turning	<p>Year of construction: 2014 Travelling distance: X 2020 Y2200 Z1610 Clamping area: Roundtable Ø 2000 mm Controlling means: Heidenhain TNC 640 Other: 5-axes milling, turning Spindle HSK100 15000U/min Tool changing 92times</p>

1x	Mikron HPM450U	<p>Year of construction: 2013</p> <p>Travelling distance: X 530 Y450 Z450</p> <p>Clamping area: NC-round- and rotating-table EROWA clamping system 320x320</p> <p>Controlling means: Heidenhain iTNC 530</p> <p>Other: 5-axes milling Spindle HSK63 20000U/min Tool changing 30times 7times pallet exchanger</p>
1x	Deckel FP4 NC	<p>Year of construction: 2013 reconditioned</p> <p>Travelling distance: X 560 Y450 Z450</p> <p>Clamping area: Angle table FP4NC/A 530x900mm</p> <p>Controlling means: Heidenhain TNC320</p>
1x	Alzmetall GS650/5-FDT	<p style="text-align: right;">Milling / Turning</p> <p>Year of construction: 2013</p> <p>Travelling distance: X 650 Y 550 Z 650</p> <p>Clamping area: NC-round-and rotating-table Ø 470</p> <p>Controlling means: Siemens Sinumerik 840 DSL</p> <p>Other: 5-axes milling, turning Spindle HSK63 10000U/min Tool changing 33times</p>
1 x	FPT Dino Max 3,5	<p style="text-align: right;">Milling / Turning</p> <p>Year of construction: 2019</p> <p>Travelling distance: X 5000 Y3500 Z1500</p> <p>Clamping area: 3500 x 2500</p> <p>Controlling means: Heidenhain TNC 640</p> <p>Other: Round- and rotating axis in the head Spindle HSK100 12000 U/min NC-Roundtable Ø2000mm Tool changing 60times</p>

1x Mikron HSM 600U

Year of construction: 2007
Travelling distance: X 530 Y450 Z450
Clamping area: NC-round- and rotating-table
EROWA clamping system 320x320
Controlling means: Heidenhain TNC 530
Other: 5-axes milling
Spindle HSK40E 40000U/min
Tool changing 30times

1x Mikron HSM 400U

Year of construction: 2007
Travelling distance: X 400 Y240 Z350
Clamping area: NC-round- and rotating-table
EROWA clamping system
Controlling means: Heidenhain TNC 530
Other: 5-axes milling
Spindle HSK40E 40000U/min
Tool changing 30times

1x DMG HSC 70 linear

Year of construction: 2014
Travelling distance: X 650 Y600 Z380
Clamping area: NC-round-and-rotating-table Ø 600
EROWA clamping system
Controlling means: Heidenhain TNC 640
Other: 5-axes milling
Spindle HSK63 28000U/min
Tool changing 60times

1x DMG DMU 80 eVo Milling / Turning

Year of construction: 2014
Travelling distance: X 800 Y650 Z550
Clamping NC-turning-milling-table Ø 800
Controlling means: 3D Siemens 840 DSL
Other: 5-axes milling, turning
Motorspindle HSK63 18000U/min
C-Achse direct drive max 900U/min
Tool changing 60times

Eroding

4x	IG 1300 E	Year of construction: 1994 / 1996 /1997 / 1998 Travelling distance: X 900 Y1780 Z550 Clamping area: 2220 x 1600 Controlling means: Zimmer+Kreim Genius Other: EROWA clamping system tool changing 13times
4x	IG 1000 E	Year of construction: 1994 / 1996 Travelling distance: X 700 Y1350 Z500 Clamping area: 1600 x 1000 Controlling means: Zimmer+Kreim Genius Other: EROWA clamping system tool changing 10times
4x	IG 1000	Year of construction: 1995 / 1996 / 2000 Travelling distance: X 700 Y475 Z500 Clamping area: 900 x 650 Controlling means: Zimmer+Kreim Genius Other: EROWA clamping system tool changing 10times
2x	GANTRY 500	Year of construction: 2004 Travelling distance: X 525 Y400 Z450 Clamping area: 720 x 600 Controlling means: CNC Dialog 64bit Other: EROWA clamping system tool changing 20times

4x	<p>Zimmer+Kreim Genius 1200</p> <p>Year of construction: 2007/2015 Travelling distance: X 900 Y680 Z405 Clamping area: Ø400 Controlling means: ZK Genius Other: EROWA clamping system Tool changing 24times 6 simultaneous axes</p>
1x	<p>Zimmer+Kreim Genius 1700</p> <p>Year of construction: 2018 Travelling distance: X 1250 Y1000 Z515 Clamping area: 1200 x 1700 Controlling means: ZK Genius Other: EROWA clamping system Tool changing 24times</p>
1x	<p>Mitsubishi FX30 Drahterosion</p> <p>Year of construction: 1999 Travelling distance: X 750 Y500 Z415 Clamping area: 1100 x 875 Controlling means: Mitsubishi Other: workpiece size 1300 x 800 x 450</p>
1x	<p>Mitsubishi BA24 Drahterosion</p> <p>Year of construction: 2011 Travelling distance: X 600 Y400 Z310 Clamping area: 1050 x 820 Controlling means: Mitsubishi Other: workpiece size 1050 x 820 x 305</p>
1x	<p>Charmilles Bohrzentrum</p> <p>Year of construction: 2004 Travelling distance: X 600 Y300 Z100 Clamping area: 600 x 300</p>

Programming

1x computer working station:	MASTER PROG 2 Wire erosion
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5x computer working station:	OPEN MIND 3-D 5 axis simultaneous-programming
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Data handling:	IGES / DXF / VDA / STEP / X_T
Prefered / Favoured:	IGES / STEP

Data communication:	E-Mail info@sm-weber.de Internet www.sm-weber.de
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Data carrier:	CD-ROM / DVD
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Measuring

1x	ZEISS Messzentrum Contura 700 HTG Year of construction: 2001 Measurement range: X 700 Y1000 Z650 Clamping area: 920 x 1346 Software: CALYPSO (UMES UNIX / KUM UNIX)
1x	ZEISS Messzentrum Centermax Year of construction: 2002 Measurement range: X 900 Y1200 Z900 Clamping area: 1100 x 1200 Software: CALYPSO
1x	ZEISS Messzentrum Prismo 5 Year of construction: 2002 Measurement range: X 700 Y700 Z600 Clamping area: 700 x 900 Software: CALYPSO
1x	ZEISS CNC-Koordinaten Messgerät Accura II 20 Year of construction: 2014 Measurement range: X 2000 Y3000 Z1500 Clamping area: 2300 x 3700 Software: CALYPSO
1x	FARO Arm EDGE Year of construction: 2012 Measurement range: Ø 2400 Measurement tol.: +/- 0,028 Software: CAM2 Measure 10 Full V

Grinding / Polishing

1x	FUMAGALLI 850 surface grinder Year of construction: 1982 / 2012 reconditioned Clamping area: 500 x 250 Travelling distance: X 900 Y450 Z290 Controlling means: IR / 197
1x	RÖSLER slide grinder R1550 So Year of construction: 2005 Clamping area: Ø2000
2x	RÖSLER slide grinder R220 DL Year of construction: 2006 / 2019 Clamping area: Ø800
2x	DECKEL SOE graver grinding with optic

Turning

1x	GDW LZ280 VS Year of construction: 2020 Turning- \varnothing / length: \varnothing 250 / 600
1x	TDZ vertical turning machine VLC 2000 ATC Year of construction: 2015 Clamping area: surface plate \varnothing 2000 Turning- \varnothing / length: \varnothing 2200 / 1600 Controlling means: Siemens Sinumerik 840D