

MACHINE LIST 2017



- * 1 Head infinitely adjustable via control
- * 2 Head adjustable and adjustable by control
- * 3 Head in 2.5 ° steps with shearing teeth adjustable by control
- * 4 Head manually adjustable infinitely

Hall	Number	Designation	Hersteller	Year	MNR_Old	MNR_New	Axis	Millinghead	Controlling System	Clamping surface	Travel distances			Accessories	Ausstattung																	
											X	Y	Z		Crane capacity in to	Max. Table loading fixed table	Max. Table loading round table	Interior cooling	Pressure in bar	Exchange heads	Tool holder	Number of tools	Clamping devices	Magnetic clamping plate	Vacuum clamping system	Zero point clamping system						
											X	Y	Z																			
1. Milling Machines																																
2	1	CNC lathing machine	FPT Ronin 10.000	2009	35		5 Axis	* 1	Heidenhain iTNC 530	10000	X	2000	10000	X	1500	X	2500/3000	Round Table 2000 x 1500 wholesome Axle, section Ø 1370, tailstock	10/6,3/3,2	150	15	X	80	yes 2	SK 50	80	2	X	X	X	X	
2	1	CNC lathing machine	FPT Ronin 6.000	2007	34		5 Axis	* 1	Heidenhain iTNC 530	7000	X	2500	6000	X	1500	X	2000/2500	Round Table 1250 x 1250 wholesome axis	10/6,3/3,2	150	10	X	20	yes 2	SK 50	80	2	X	X	X	X	
1	1	CNC lathing machine	FPT Tessen	2012	36		5 Axis	* 1	Heidenhain iTNC 530	3500	X	1000	3500	X	1100	X	1450	Integrated round table right Ø 1000 wholesome Axis	10/5/5	10	6	X			SK 50	60	1	X	X	X	X	
1	1	CNC portal milling machine	Forrest Line Seramill 8.000	2004	33		5 Axis	* 3	Heidenhain iTNC 530	9000	X	2200	8000	X	2400	X	1450		10/5/5	100	---	X		no	SK 50	man.	4	X	X	X	X	
2	1	CNC bed milling machine	Kiheyun U 13580	2009	64		3 Axis	* 3	Heidenhain iTNC 530	4200	X	1100	4000	X	1350	X	1500		10/6,3/3,2	10	---	X		no	SK 50	60	2	X	X	X	X	
2	1	CNC machining center	DMG DMU-160-P	2007	39		5 Axis	* 2	Heidenhain iTNC 530	Ø 1500	X	1250	1600	X	1250	X	1000	Transmission spindle 1200 Nm with 6,000 rpm	10/6,3/3,2	---	4	X	40	no	SK 50	120		X				
2	1	CNC machining center	DMG DMU-80-P	2014	42		5 Axis	* 2	Heidenhain TNC 640	Ø 900	X	700	800	X	1050	X	850	Motor spindle 430 Nm with 12,000 rpm	10/6,3/3,2	---	1,5	X	40	no	SK 50	123		X		X	X	
1	1	CNC machining center	DMG DMU-95 MONOBLOCK	2016	43		5 Axis	* 2	Heidenhain TNC 640	Ø 850	X	1000x750	950	X	850	X	650	Motor spindle 130 Nm at 20,000 rpm HSK capable with shrink tools	10/5/5	---	1	X	40	no	SK 40	60		X		X	X	
1	1	CNC machining center	DMG DMU-75 MONOBLOCK	2017			5 Axis	* 2	Heidenhain TNC 640	800	X	650	750	X	650	X	560	Motor spindle 130 Nm at 20,000 rpm HSK capable with shrink tools	10/5/5	2	---	X	15	no	SK 40	40		X				
1	1	CNC machining center vertical	Sigma Leader 5	2004	38		3 Axis	sta	Heidenhain iTNC 530	1400	X	700	1200	X	800	X	700	Motor spindle 235 Nm with 15,000 rpm	10/5/5	1	---	X	20	no	SK 40	24		X				
1	1	CNC machining center	DMG - DMC 835 V	2008	32		3 Axis	sta	Heidenhain iTNC 530	1000	X	560	835	X	800	X	500	Motor spindle 110 Nm at 12,000 rpm	10/5/5		---	X		no	SK 40			X				
1	1	CNC tool milling machine	Micron UME 900	1999	40		3 Axis	sta	Heidenhain iTNC 415	1200	X	600	900	X	600	X	500		10/5/5		---	X		no	SK 40							
3	1	CNC tool milling machine	Deckel Maho FP3-50CNC	1999	31		3 Axis	sta	Heidenhain iTNC 415	800	X	480	500	X	400	X	400		10/3,2		---	X		no	SK 40							
3	2	Universal milling machine Conventional	Friedrich Deckel FP31G	1996	30		Education	sta	conventional	1000	X	440	800	X	300	X	400		10/3,2		---	X		no	---							
2. Boring mills																																
1	1	CNC drilling machine	Juaristi	1999	58		5 Axis	sta	Heidenhain iTNC 355	2200	X	1800	3500	X	2000	X	1500		10/5/5	---	10	---	5	no	SK 50	man.						
1	1	CNC drilling machine	TOS WH 10 CNC	2000	52		5 Axis	sta	Heidenhain iTNC 415	1100	X	1000	1250	X	1000	X	1000		10/5/5	---	5	---	5	no	SK 50	man.						
2	1	CNC drilling machine	TOS WH 13 CNC	2004	51		5 Axis	sta	Heidenhain iTNC 426	2200	X	1800	3500	X	2000	X	1100		10/6,3/3,2	---	10	X	10	no	SK 50	man.	2	X				
1	1	Manual boring machine	Pfeiffer konv	1999	54			sta	conventional	1000	X	850	1200	X	1000	X	1500		10/5/5	---	5	---	5	no	SK 50	man.						
3. Lathes																																
1	1	CNC lathing machine	Weiler E 110	2012	15				Weiler/Siemens									Circulating diameter over bed 1100, turning length 4500	10/5/5		6											
1	1	CNC lathing machine	Weiler E 70	2013	11				Weiler/Siemens									Circulating diameter over bed 700, turning length 2000	10/5/5		3,8											
1	1	CNC lathing machine	Weiler E 55	2009	12				Weiler/Siemens									Circulating diameter over bed 500, turning length 1000	10/5/5		2											
1	1	CNC lathing machine	Weiler E 35	2004	13				Weiler/Siemens									Circulating diameter over bed 350, turning length 750	10/5/5		1											
1	1	CNC automatic lathe	DMG Mori NLX2500/700 SY	2016	16				Mitsubishi M730UM									CirculationØ: üBett920, üSchieber742, max.366, turning length 700	10/5/5		1,5											
3	1	Manual lathing machine	Jessey Champion	2007	??				conventional									Circulating diameter over bed 435, turning length 1000	10/5/5		1											
4. Grinding Machines																																
3	1	Flat grinding machine CNC	Rosa	1999	112					1700	X	750							10/3,2													
3	1	Flat grinding machine manual	Stöckel	2004	25					800	X	500							10/3,2													
3	1	Universal Round grinding machine CNC	CETOS BUC 63	2004 (2016 generally overhauled)														Circulating diameter over bed 630 grinding length outer 2000 inner 1100	10/3,2		0,5											
5. Sawing Machines																																
3	1	Automatic band saw	TMJ PP502 CNC	2006	60					Ø450								Feeding unit also package	10/3,2													
3	1	Automatic band saw	Shark 260	1995	??					Ø220mm								Only straight														
3	1	Automatic band saw	Puska	??	??													Only straight	10/3,2													
3	1	Automatic band saw	Berg u Schmied	2006	65					Ø250								Miter cutting capability	10/3,2													
6. Grooving Machines																																
3	1	Grooving machine	Jakob Behr	1974	50					Max slot width up to 30mm, Max clamping diameter up to 400mm, Max slot length up to 250mm									10/3,2													
7. Welding certified according to ISO EN 3834																																
4	1	Mig Mag Wig		2011	100					1 Stk Fronius Mig Mag, ESAB LTG 250 Wig									Constructions up to 5 tons	10/3,2												
4	1	Mig Mag Wig		2011	100					1 Stk Fronius Mig Mag, 1 Stk Cloos Mig Mag									Constructions up to 5 tons	10,3,2												
8. Paint																																
3	1	Paint spraying machine (beaker spray gun)		2011	111					Spray booth approx. 3.5m x 5 m with suction system and filter									Constructions up to 5 tons	10/3,2												
9. Sandblasting																																
3	1	Sandblasting System	MHG	2011	130					ca. 1m x 1m x 1m																						
10. Polishing																																
3	1	Polishing		2011	130																											
11. assembly / device Construction																																
3	1	Assembly / device construction			110													Hand workplaces														
12. Manual Workstations or Workbench																																
3	1	Manual workstations or workbench																Hand workplaces														
13. Measuring Machine																																
4	1	Measuring machine Haimer UNO 20170	Haimer	2017																												
4	1	Measuring machine Haimer Power Clamp	Haimer	2015																												