

MACHINE - LIST

Milling / Drilling		work dimensions (mm)		
		X	Y	Z
2 x	STARRAG HECKERT HEC 500 Athletic Horizontalcenter with Fastemssystem	1000	800	1000
2 x	STARRAG HECKERT HEC 500D XXL Horizontalcenter mit 8 Palettenpool	850	750	800
1 x	STARRAG HECKERT HEC 400 Horizontalcenter mit 12 Palettenpool	650	650	680
1 x	STARRAG HECKERT HEC 630 Horizontalcenter incl. pallet changer	650	650	680
1 x	STARRAG HECKERT HEC 500 Athletic Horizontalcenter incl. pallet changer	1000	800	1000
1 x	DECKEL-MAHO DMC-80 Horizontalcenter incl. pallet changer	900	700	600
2 x	MAKINO a61nx Horizontalcenter incl. pallet changer	730	730	800
1 x	MAKINO a92 Horizontalcenter incl. pallet changer	1520	1250	1350
1 x	MORI-SEIKI SH-40 Horizontalcenter incl. pallet changer	560	500	510
1 x	CHIRON FZ15 W Magnum incl. pallet changer, incl. robot handling	730	400	360
1 x	CHIRON FZ15 W baseline incl. pallet changer, incl. robot handling	500	400	425
1 x	CHIRON FZ08 W incl. pallet changer, incl. robot handling	300	250	250
2 x	MATEC L-2000	2000	600	700
1 x	DECKEL DMF-360	3600	920	820
1 x	DECKEL DMF-300	3000	560	720
1 x	KAO-MING KMC1800DV	1940	1200	700
2 x	MORI-SEIKI NV5000	1020	510	510
2 x	DMG MORI NVX 5080 incl. pallet changer	800	510	510
1 x	DMG MORI CMX 600V	600	560	510
1 x	DECKEL MAHO DMG-50 M	500	400	400
1 x	VICTOR Vcenter-A72	720	480	660
1 x	ALMA	500	400	400
1 x	ZAYER KM-8000	6300	1000	1000
1 x	DANOBAT-SORAMILL	6250	1200	1200



Turning work dimensions (mm)

1 x	MORI SEIKI NTX3000 bardiameter Ø102mm	Ø 700	3300
2 x	MORI SEIKI NT4250/1500 SZ bardiameter Ø80mm incl. robot handling	Ø 660	1500
1 x	Doosan PUMA 5100 LYB bardiameter Ø166,5 mm	Ø 800	2000
1 x	Doosan PUMA TT 1800 bardiameter Ø80mm, Barloader incl. robot handling	Ø 210	600
1 x	Doosan PUMA 2100 LSY bardiameter Ø65mm, Barloader	Ø 400	760
1 x	Doosan PUMA TT 2100 SYYA bardiameter Ø80mm	Ø 210	230
1 x	Hardinge Quest51 bardiameter Ø50mm	Ø 200	520
1 x	MORI-SEIKI NLX2500/700 bardiameter Ø80mm	Ø 250	700
1 x	Weiler Praktikant VC plus	Ø 160	650

Profile milling work dimensions (mm)

6 x	Profile-milling	9000	300	100
1 x	Profile-bending machine PBT 25			
1 x	Profile-bending machine PBT 25 3D			

Profile straightening

1 x	Dunkes und Müller 100 to	6000 mm
1 x	Kurzhubrichtpresse JOSSI PP 10-01	

Grinding work dimensions (mm)

1 x	ELB smartline BD15 ZRT	1500	600	860
1 x	ELB smartline BD15 KGT	1500	600	500
1 x	MÄGERLE MFP-220.35	2200	350	450
1 x	NIEDERBERGER NCS-P	3000	200	200
1 x	BLOHM Profimat 205	500 x 200		
1 x	KELCO-VARIA circular grinding machine	Ø240x1000		
1 x	KELLENBERGER 100 circular grinding machine	Ø 400 x 1'000mm		



Assembly

1 x	Clean room ISO7	300 m ²
1 x	Assembly area	600 m ²
1 x	Cleaning machine EcoCWave (ISO 6) ultrasonic , incl. vacuum drying	670x480x400mm
1 x	Helium leaking device	

Lasermarking

1 x	Lasermarking Trumpf VectorMarc	marking field 100x100
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Sawing

cross-section (in mm)

1 x	MEBamat 330	350/330
1 x	TRENNJÄGER ST 258 A	120/80
2 x	ROHBI RKA 62	25/25

Quality control

work dimensions (mm)

1 x	3D-measuring machine MITUTOYO CRYSTA-APEX-S 122010	1200 x 2000 x 1000
1 x	3D-measuring machine MITUTOYO CRYSTA-APEX-C 9108	900 x 1000 x 800
1 x	3D-measuring machine MITUTOYO CRYSTA-APEX-S 9108	900 x 1000 x 800
1 x	Contour test device OPTACOM / VC10	x: 225mm/z: 225mm
1 x	Hardness testing device GNEHM	Rockwell A,B,C + Super Rockwell
1 x	Surface roughness tester HOMMEL	
1 x	Surface roughness tester MITUTOYO	
1 x	Various other measuring equipment	