

Detailed machine list

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Lathe:	Machine type	quantity	Bar Capacity
CNC Lathe 2 axes	* VICTOR V-turn 16	3x	Ø 40
	* VICTOR V-turn NP16	1x	Ø 40
	* VICTOR V-turn 20	2x	Ø 50
	* VICTOR V-turn 26	1x	Ø 65
	* VICTOR V-turn 36	1x	Ø 90
CNC Lathe 4 axes	* VICTOR VT II - 23 / 60	1x	Ø 52
CNC Lathe 5 axes	* DOOSAN PUMA 2100MS	1x	Ø 65
CNC Lathe 6 axes	* DOOSAN LYNX 220LSYC	1x	Ø 65
CNC Lathe 7 axes	* NAKAMURA WT-100 + robot + (incl robot UR-10)	2x	Ø 42
CNC Lathe 8 axes	* MURATEC MT 20 met gantry loader	1x	Ø 62
CNC Lathe 9 axes	* NAKAMURA WT-150II	1x	Ø 65
CNC Lathe 13 axes	* NAKAMURA Super NTY ³	1x	Ø 42
	* NAKAMURA Super NTY ³ (1 incl. robot)	2x	Ø 65
CNC Swiss Type Automatic Lathe	* Star SR-20J	2x	Ø 23
CNC Milling machine	Machine type	quantity	X-Y axes Travel
CNC Milling machine 3-axes	* BRIDGEPORT VMC 2000 22	1x	2000 x 800
	* BRIDGEPORT VMC 1000 22	1x	1000 x 600
	* BRIDGEPORT VMC 800 22	4x	800 x 600
	* BRIDGEPORT VMC 760	1x	760 x 600
	* BRIDGEPORT VMC 760 XP3	2x	760 x 600
	* BRIDGEPORT VMC 610 XP3	2x	600 x 500
	* Victor Vcenter P106	2x	1060 x 600
	* ROBOTISED MILLING CELL	1x	
	Victor Vcenter - AX350 + Victor 85 + robot		
	* ROBOTISED MILLING CELL	2x	600 x 500
	Bridgeport VMC 610 XP3 + Victor Vcenter- AX 350 + robot		
	2x Bridgeport VMC 610 XR + robot		
	* CHIRON FZ08	1x	300 x 200
	* Victor V-Center A130	1x	1300 x 780
CNC Milling machine 5-axes	* OKK VP-600-5AX (2 incl. FANUC-robot)	3x	Table size: Ø 600
	* BRIDGEPORT GX 250 5AX	1x	Table size: Ø 250
	* Victor Vcenter - AX350 + robot UR-10	4x	Table size: Ø 350

Miscellaneous	
Welding	Electric – Orbital – TIG – MIG/MAG (certified/sanitary-health level)
Conventional Division	Turning – Milling – Drilling – Sanding – Polishing - Jet Cabin
Robot-arm 6-axes	UR-5
CNC Automatic cutting machine	* EVERISING P-100 B * MEP spa COBRA 350 CNC FE
Metal cutting vertical bandsaw	* FUHO VBS 3612
CNC Wire EDM: wire-cut	* FANUC α 1C
CNC Sinker EDM: die-sink	* ARD M50 CA CNC
Deburring / Polishing	* ROTOFINISH
CNC Surface grinding	* FREEPORT 1000 x 500
Marking	* Richter Markingmaster.com
Washing unit	2 ultrasonic cleaning tanks - rinse tank - hot air dryer
Assembly options	(Complete) mechanical fitting assemblies according to customer specifications
Reverse Engineering	Faro Fusion with laser scanarm
3D-CAD / CAM	* 20 systems with MASTERCAM X9
Measurement	* MUTOTUYO profiel projector + databox * ETALON 3-D meetmachine * DE MEET 220 Combo model video meetmachine