

## Equipment

Status October 2020

CNC-Machining	Type	Traverse path (in mm)	Remarks
Turning centre (6 axis)	Biglia B446 2T 2Y	Ø51 x 350	with LNS bar loader 1,5m
Turn-/Millcenter (4 axis)	Mori Seiki SL150MC (12WZ)	Ø430, X230/Z520 Ø 45	bar capacity up to Ø 45
Turn-/Millcenter (5 axis)	TSUGAMI HS20M-5AX	Ø20 x 325	with LNS bar loader 3m
Turn-/Millcenter (5 axis)	TSUGAMI HS20M-5AX	Ø20 x 325	with LNS bar loader 3m
Turn-/Millcenter (6 axis)	Mazak Integrex 100 III-S (40WZ)	Ø400, X410/Z1065/ Y+-70 Ø 45	
Turn-/Millcenter (8 axis)	Stama MC 726/MT	500 / 380 / 360	bar capacity up to Ø 65
Milling machine (5 axis)	Fehlmann Picomax P90	705 / 425 / 610	Robot cell (automated feeding)
Milling machine (5 axis)	Deckel Maho DMU 70eV IKZ	710 / 520 / 520	
Milling machine (5 axis)	Deckel Maho DMU 50eVlinear IKZ	500 / 450 / 400	
Milling machine (5 axis)	Deckel Maho DMU 70eV	710 / 520 / 520	
Milling machine (5 axis)	Deckel Maho DMU 50eVlinear	500 / 450 / 400	
Milling machine (5 axis)	Deckel Maho DMU 70V	710 / 520 / 520	
Milling machine (5 axis)	Deckel Maho DMU 50eV	500 / 420 / 380	
Milling machine (5 axis)	Deckel Maho DMU60 monoBLOCK	630 / 560 / 560	
Milling machine (5 axis)	Deckel Maho DMC 75V linear	885 / 600 / 600	
Milling machine (3 & 2 axis)	Deckel Maho DMU 50	500 / 450 / 400	
Milling machine (3 axis)	Hermle C800V	800 / 600 / 500	
Surface finishing	Type	Working space (in mm)	Remarks
Vibratory grinding	Spaleck CVF	150 / 1500 / 4	
Vibratory grinding / Polishing	OTEC ECO-Maxi	360 / 350 / 530	with interchangeable containers
Sandblasting	Sablux SX 90 S	895 / 610 / 545	
Sandblasting	Sablux SX 90 S	895 / 610 / 545	
Electropolishing	COMPACTA EL	500 / 300 / 600	small galvanic plant
Passivation	COMPACTA EL	500 / 300 / 600	small galvanic plant

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<b>Measuring</b>		<b>Type</b>	<b>Travelling distance mm</b>	<b>Remarks</b>
CNC coordinate measuring machine		Wenzel LH65	600 / 650 / 1000	
CNC coordinate measuring machine		Wenzel LH54	500 / 600 / 400	
<b>Marking</b>		<b>Type</b>	<b>Working space (in mm)</b>	<b>Remarks</b>
Laser marking		TRUMPF TruMark Station 5000	110 x 110	Basic device TruMark 3020
<b>Cleaning</b>		<b>Typ</b>	<b>Chamber dimensions (in mm)</b>	
Automatic washer		Belimed WD 130	635 / 580 / 550	
Ultrasonic cleaning		URA 100	300 / 500 / 600 small galvanic plant	