

CNC machinery

Piece	Designation	Machining dimension			Special features
	Milling machines	x(mm)	y(mm)	z(mm)	
1	DMG MORI - DMU 75 monoBLOCK	750	650	560	5 Axes
1	DMG MORI - DMU 65 monoBLOCK	735	650	560	5 Axes, pallet handling PH150-8 with handling system and pallet magazine with 6 pallet positions
2	HERMLE - C 42 U - HS flex	800	800	550	5 Axes, HS flex pallet handling system with 12 pallet positions
1	HERMLE - C 42 U	800	800	550	5 Axes
1	DMG MORI - DMC 90 U duoBLOCK	900	1050	850	5 Axes
1	DMG MORI - DMU 60 eVo	600	500	500	5 Axes, pallet handling PH150 with 10 pallet positions
1	DMG MORI - DMU 50 Evolution	500	450	400	5 Axes
2	DMG MORI - DMU 60 T monoBLOCK	700	500	500	5 Axes
2	DMG MORI - DMU 60 T	700	500	500	5 Axes
1	DMG MORI - DMC 635V	630	510	460	4 Axes, controlled dividing head
	Lathes	Rotation-Ø (mm)	Diffuser Ø	Length (mm)	
1	DMG MORI - CTX beta 1250 4A	max. 500	102 (both sides)	1200	Main and counter spindle, 2 x 12-fold Revolver, triggered Tools, Y-axis
1	DMG MORI - CTX beta 800 4A	max. 340	102 / 76	735	Main & counter spindle, 2 x 12-barrel revolver, triggered. Tools, Y-axis
1	INDEX - G 250 Ratio Line 1400	max. 560	90 (both sides)	1400	Main and counter spindle, 2 x 12-fold Revolver, triggered Tools, Y-axis
1	DMG MORI - CLX 450 V4	max. 315	75	600	1 x 12-barrel revolver, triggered. Tools, Y-axis
1	DMG MORI - CTX alpha 500	max. 200	51	525	Driven tools, Y-axis
	Wire eroding machines	x(mm)	y(mm)	z(mm)	
1	MITSUBISHI - FA 20	500	350	300	
1	MITSUBISHI - MV1200S	400	300	220	
	Grinding machines	x(mm)	y(mm)	z(mm)	
1	G&H - Surface grinding machine	600	300	400	
	Metrology	x(mm)	y(mm)	z(mm)	
2	3D coordinate measuring machines: 1 x ZEISS - PRISMO navigator 1 x ZEISS - CONTURA	900 900	1200 1200	650 800	MPE: 0,9 + L/350 µm, Software: Calypso MPE: 1,8 + L/350 µm, Software: Calypso
2	Garant - Height gauges HC1	-	-	350	
1	optacom - Contour measuring system VC-10	225	-	225	
1	Garant - Surface roughness measuring unit ST1	-	-	-	
1	BAQ - UCI-Hardness tester alphaDUR	-	-	-	