

Machine name	Technology	Table size [mm]	Working travels in X-/Y-/Z-axis [mm]	Spindle speed (rpm)	Accuracy (mm)	Max. permissible loading weight (kg)	Picture
CAD -Autodesk AutoCAD / Inventor	Software						
CAM - PowerMill, EdgeCAM, Fusion 360							
BOMAR ERGONOMIC 320.250DGS	Band Saw	-		-	-		
PEGAS - POPULAR 230PLUS GSH							
BOMAR - AL 500 semi-automatic	Circular saw						
GROB 550	5 Axis CNC Milling	Ø800	800/1,020/1020	16000	0.006	700	
GROB 350		Ø600	600/855/750	16000	0.006	400	
DMG MORI DMF 180 7		Ø750 2,100/700	1800/700/700	20000	0.010	1500	
PINNACLE - PK-VMC 1000 S	3 Axis CNC Milling Vertical machining center	1,200/600	1,020/610/610	8000	0.010	850	
PINNACLE - PK-VMC 1100 S		1,300/600	1,140/610/610	8000	0.010	850	
PINNACLE - VMC 1160		1,300/600	1,140/610/610	8000	0.010	850	
HWACHEON - Vesta 1000		1,100/500	1,000/550/500	10,000	0.010	700	
TAKISAWA - TS 4000YS	CNC Turning	-	Swing over bed: Ø600 Max. Cutting diameter: Ø370 Max. Cutting length: Ø750 Max. Bar size: Ø82 Max. Stroke (X/Z): 267/840	4200/6000	0.008	-	
LEADWELL - LTC 25-BLM		-	Swing over bed: Ø680 Max. Cutting diameter: Ø305 Max. Cutting length: Ø1050 Max. Bar size: Ø85 Max. Stroke (X/Z): 230+20/1050	3200	0.010	-	
HWACHEON - CUTEX 160B MC		-	Swing over bed: Ø550 Max. Cutting diameter: Ø260 Max. Cutting length: Ø209 Max. Bar size: Ø51 Max. Stroke (X/Z): 170/335	4500	0.008	-	
SU-18	Conventional turning machine	-	Swing over bed: Ø380 Max. Cutting diameter: Ø215 Max. Cutting length: Ø1250 Max. Bar size: Ø41	1250	0.03	300	
Zeiss - Contura G2	3D Measurement technology	-	Length measurement error: 1.8 + L/300 Measuring range: 1000/1200/600	-	-	1150	
Mahr - MarfSurf ST 500	Contour Measurement technology	-	Traversing length (in X) 1 mm to 120 mm Measuring range (in Z) 50 mm for 350 mm tracing arm 25 mm for 175 mm tracing arm	-	Resolution (in Z) referred to the measuring system 0.04 µm	-	