














Technology: CNC Milling

Machine brand	Machine type	Number of axes	Max. travel of axes X-Y-Z	Worktable dimensions	Max. table load	Automation	Highlights	Picture
Hermle	C 42 U + HS FLEX HEAVY	5	800 x 800 x 550 mm	800 x 630 mm - pallets Ø 800 mm - table	850 kg	7 pallets	<p>Full 5-axis HSC machining Machining up to 60 HRc Machining of hardened threads Machining of special materials Advanced milling tools and technologies External spindle up to 100 000 rpm</p>	
MAHO DECKEL	DMU 125P 5-Axis	5	1250 x 900 x 1000 mm	1250 x 1100 mm	2500 kg	-	<p>Full 5-axis HSC machining Machining up to 60 HRc Machining of hardened threads Machining of special materials Advanced milling tools and technologies External spindle up to 100 000 rpm</p>	
MAHO DECKEL	DMU 80P 5-axis	5	800 x 700 x 600 mm	900 x 650 mm	1500 kg	-	<p>Full 5-axis HSC machining Machining up to 60 HRc Machining of hardened threads Machining of special materials Advanced milling tools and technologies External spindle up to 100 000 rpm</p>	
MAHO DECKEL	HSC 75 LINEAR 3-axis	3	750 x 600 x 560 mm	950 x 650 mm	1000 kg	-	<p>HSC machining Machining up to 60 HRc Machining of hardened threads Machining of special materials Advanced milling tools and technologies External spindle up to 100 000 rpm</p>	
MAHO DECKEL	DMU 60T 4-axis	4	630 x 560 x 560 mm	1000 x 600 mm	400 kg	-		





Technology: CNC Milling - Graphite Electrodes

Machine brand	Machine type	Number of axes	Max. travel of axes X-Y-Z	Worktable dimensions	Max. table load	Automation	Highlights	Picture
+GF+ Mikron	HSM 400U	5	500 x 250 x 360 mm	∅ 200 mm	100 kg - table 15 kg - pallets	20 pallets	<p>Full 5-axis HSC machining</p> <p>Machining of graphite electrodes</p> <p>Advanced milling tools and technologies</p> <p>Spindle speed up to 40 000 rpm</p> <p>EROWA clamping system</p>	
FEHLMANN	PICOMAX 60 HSC	5	500 x 350 x 610 mm	900 x 400 mm	500 kg - table 15kg - pallets	-	<p>Full 5-axis HSC machining</p> <p>Machining of graphite electrodes</p> <p>Advanced milling tools and technologies</p> <p>Spindle speed up to 40 000 rpm</p> <p>EROWA clamping system</p>	
FEHLMANN	PICOMAX 90 HSC	5	700 x 350 x 610 mm	1100 x 450 mm	500 kg - table 15kg - pallets	90 pallets	<p>Full 5-axis HSC machining</p> <p>Machining of graphite electrodes</p> <p>Advanced milling tools and technologies</p> <p>Spindle speed up to 40 000 rpm</p> <p>EROWA clamping system</p>	

Technology: EDM Die Sinking




Machine brand	Machine type	Max. travel of axes X-Y-Z	Worktable dimensions	Max. table load	Automation	Highlights	Picture
+GF+	ROBOFORM 31	350 x 250 x 300 mm	450 x 350 mm	500 kg	10 electrodes	Machining in all 5-axis EROWA clamping system EROWA presetting machine	
+GF+	ROBOFORM 55	600 x 400 x 450 mm	700 x 450 mm	1200 kg	10 electrodes	Machining in all 5-axis EROWA clamping system EROWA presetting machine	
+GF+	ROBOFORM 550	600 x 400 x 450 mm	700 x 500 mm	1600 kg	25 electrodes	Machining in all 5-axis EROWA clamping system EROWA presetting machine	
+GF+	ROBOFORM 550	600 x 400 x 450 mm	700 x 500 mm	1600 kg	25 electrodes	Machining in all 5-axis EROWA clamping system EROWA presetting machine	
+GF+	FORM 400	900 x 700 x 500 mm	1250 x 850 mm	3000 kg	20 electrodes	Machining in all 5-axis EROWA clamping system EROWA presetting machine	

Technology: EDM Wire Cutting

Machine brand	Machine type	Max. travel of axes X-Y-Z	Worktable dimensions	Max. table load	Automation	Highlights	Picture
+GF+	CUT P 550 Pro	550 x 350 400 mm	1000 x 700 mm	1500 kg	-	Machining in all 5-axis UV machining up to 45°	
MITSUBISHI	FA 20 VS	500 x 350 x 450 mm	800 x 650 mm	1500 kg	-	Machining in all 5-axis UV machining up to 45°	
MITSUBISHI	FA 30 S	750 x 500 x 680 mm	1100 x 900 mm	3000 kg	-	Machining in all 5-axis UV machining up to 45°	
MITSUBISHI	Start 43	450 x 350 x 400 mm	920 x 680 mm	500 kg	-	High-speed EDM drilling machine	

Technology: Conventional Machining

Machine brand	Machine type	Max. travel of axes X-Y-Z	Worktable dimensions	Max. table load	Picture
Milling machine TOS	FGS 32/40T	1000 x 400 x 450 mm	1400 x 400 mm		
Milling machine TOS	FNK 25A	800 x 370 x 450 mm	1250 x 290 mm		
Milling machine TOS	FNK 2-R	850 x 380 mm	1300 x 300 mm		
Grinding machine TOS	BPH 20NA	1000 x 500 mm	1000 x 600 mm	1000 kg	
Grinding machine TOS	BRH 20.05				
Geibel & Hotz	FS 1050 GT CB				
Grinding machine TOS (Cylindrical)	2UC/750				
Drilling machine MAS	VR4				
Lathe TOS	SV 18R				
Lathe TOS	SN 50C				

Technology: Quality Department				
Machine brand	Machine type	Max. travel of axes X-Y-Z	Worktable dimensions	Picture
CMM Wenzel	LH 8-7	800 x 1000 x 700 mm	900 x 1000 mm	 A large industrial Coordinate Measuring Machine (CMM) with a vertical probe arm and a large black base. The model number 'LH 8-7' is visible on the front of the base.
CMM Wenzel	LH 8-7	800 x 1000 x 700 mm	900 x 1000 mm	 A large industrial Coordinate Measuring Machine (CMM) with a vertical probe arm and a large black base. The model number 'LH 8-7' is visible on the front of the base.
Microscope				 A white and black compound microscope with two eyepieces and a large objective lens.

Technology: Assembly

Machine brand	Machine type	Worktable dimensions	Highlights	Foto
Reis	TUS 100	1300 x 1000 x 1500 mm Max. table load 7000 kg	Spotting press Clamping force 100 tons	
EVO MOBILE	LS-PEV 160		Laser welding	
Fronius TIG			TIG welding	
MEPAC	HXP50 – COVER ONE		Laser marking	
Meusburger	GMT 6000		Ejector cutting machine	
MAG Centrum	JT 3150		Electric thread cutting machine	