

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	630 x 500 mm - pallets Ø 800 mm - table	1000 kg	7 pallets	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	
MAHO DECKEL	DMU 125P 5-Axis	5	1250 x 900 x 1000 mm	1250 x 1100 mm	2500 kg	-	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	
MAHO DECKEL	DMU 80P 5-axis	5	800 x 700 x 600 mm	900 x 650 mm	1500 kg	-	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	
MAHO DECKEL	HSC 75 LINEAR 3-axis	3	750 x 600 x 560 mm	950 x 650 mm	1000 kg	-	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	
MAHO DECKEL	DMU 60T 4-axis	4	570 x 560 x 550 mm	1000 x 600 mm	500 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	Ø 200 mm	100 kg - table 15 kg - pallets	20 pallets	Full 5-axis HSC machining Machining of graphite electrodes Advanced milling tools and technologies Spindle speed up to 40 000 rpm EROWA clamping system	
FEHLMANN	PICOMAX 60 HSC	5	500 x 350 x 610 mm	900 x 400 mm	500 kg - table 15kg - pallets	-	Full 5-axis HSC machining Machining of graphite electrodes Advanced milling tools and technologies Spindle speed up to 40 000 rpm EROWA clamping system	
FEHLMANN	PICOMAX 90 HSC	5	700 x 350 x 610 mm	1100 x 450 mm	500 kg - table 15kg - pallets	90 pallets	Full 5-axis HSC machining Machining of graphite electrodes Advanced milling tools and technologies Spindle speed up to 40 000 rpm EROWA clamping system	

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	
CMM Wenzel	LH 8-7	800 x 1000 x 700 mm	900 x 1000 mm	
Microscope				

Technology: Assembly				
Machine brand	Machine type	Worktable dimensions	Highlights	Foto
Reis	TUS 100	1600 x 1300 x 1500 mm	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	