

## List of machines

Model	Type	Speed	Working range	Enhancements
Feeler 5224	CNC Milling centre	8.000 rpm	x5200, y2400, z950	Rotary table / Vacuum table / Magnetic chuck
Mazak VTC 800/30SR	5 axis CNC Milling centre	18.000 rpm	x3000, y800, z720	B-axis +/- 110° 5 axis rotary table Ø600
Feeler VB 2200	CNC Milling centre	6.000 rpm	x2200, y960, z800/1035	Vacuum table / Magnetic chuck
Mikron Mill S 400	CNC Milling centre	42.000 rpm	x500, y450, z360	"High speed"
Haas UMC 750 (2 pcs.)	5 axis CNC Milling centre	12.000 rpm	x762, y508, z508	Vacuum table / Magnetic chuck
Haas FV 4 SS	CNC Milling centre	12.000 rpm	x1270, y508, z635	Vacuum table / Magnetic chuck
Haas VF 2 SSYT	CNC Milling centre	12.000 rpm	X762, y508, z508	Vacuum table / Magnetic chuck
HAAS VF 2 SS	CNC Milling centre	15.000 rpm	X762, y406, z508	Vacuum table / Magnetic chuck
DMC 104V	CNC Milling centre	12.000 rpm	x1200, y600, z500	Vacuum table / Magnetic chuck
Mazak VCN 510	CNC Milling centre	12.000 rpm	x1060, y510, z510	Vacuum table / Magnetic chuck
Feeler FV-800A	CNC Milling centre	8.000 rpm	x800, y500, z500	Vacuum table
DMU 80 Mono Block	5 axis CNC Milling centre	24.000 rpm	x800, y630, z630	
DMU 85 Mono Block	5 axis CNC Milling centre	18.000 rpm	x935, y850, z650	3 Palets - 630x630, max load 800 kg, 90 tools
DMU 75 Mono Block	5 axis CNC Milling centre	18.000 rpm	x750, y650, z560	Max load 600 kg - 60 tools
DMU 50	5 axis CNC Milling centre	18.000 rpm	X500, y450, z400	Max load 300 kg
DMU 60 Mono Block	CNC Milling centre	12.000 rpm	x600, y530, z630	
DMU 80 E (2 pcs.)	CNC Milling centre	12.000 rpm	x800, y650, z550	Vacuum table / Magnetic chuck
DMU 60 E	CNC Milling centre	12.000 rpm	x600, y530, z630	Vacuum table
Hermle C800V	CNC Milling centre	15.000 rpm	x800, y600, z600	
Matsuura MC-510 VGM	CNC Milling centre	15.000 rpm	x510, y350, z500	Rotary table
Mazak QT 250 MY	CNC Lathe	4.000 rpm	Ø380x641mm ø77mm Bore	Rotary tools 4.600 rpm
Mazak 250 M	CNC Lathe	4.000 rpm	Ø450x1000mm ø70mm Bore	Rotary tools 4.500 rpm
CTX 310 Gildemeister	CNC Lathe	4.400 rpm	Ø230x300mm ø50mm Bore	Rotary tools 4.500 rpm
Microcut	CNC Lathe	4.000 rpm	Ø350x1500mm ø65mm Bore	
CTX Gamma 2000 TC Gildemeister	CNC Turn & mill machining centre	8.000 rpm	Ø750x2000mm ø100 mm Bore	
Mazak Integrex I-200 ST	CNC Turn & mill machining centre	5.000 rpm	Ø668x1619mm ø66mm Bore	"Done-in-One" machining centre
NET 320 K Gildemeister NC	Lathe	4.000 rpm	Ø250x1000mm ø50 mm Bore	
Manual Lathe	Lathe	1.800 rpm	Ø510x1500mm ø88 Bore	
Manuel mill	Mill	4.200 rpm	x850, y400, z460	
Favretto MD-160	Surface Grinder		x1600, y800	
EASTAR ESG-4080AHD	NC Surface Grinder		x800, y500	
Jacobsen	Surface Grinder		x800, y400, z300	
Kellenberger U600	Manual Cylindrical Grinder		Ø340, x600	
TOS	Cylindrical Grinder		Ø250x500 mm	
CNC Studer Favorit	CNC Cylindrical Grinder		Ø340, x600	
Loewer grinding machine	Swing Grinder			
Agie Agiecut Classie	CNC Wire cutting		x500, y350, z250	
Agie RoboForm 30	EDM Die sinking machine		x600, y400, z400	
Exeron EDM 313 MF30	EDM Die sinking machine		X620, y420, z400	
Superwave	Laser engraving/laser welding			
Netstal SynErgy 4200-2150	Injection mold machine		420t(520t)	20 heating ducts, screw size Ø70
Leader Miracle	3D measuring machine		x1000, y1200, z800	

CAD/CAM: Mastercam – Autodesk Inventor – SolidWorks