MEDIAGNOST



Machine List



CNC Turning

MAZAK QT200 MS

Max. machining length: 575mm
Max. machining diameter: Ø 380mm
Driven tools
Main and sub spindle both with C axis

COLCHESTER TORNADO T2

Bar feeder max. Ø 32
Max. workpiece length: 300mm
Max. workpiece diameter: 170mm



CNC Turning-Milling combination

MAZAK INTEGREX I-100 ST

7-axis multi-tasking machine
Milling spindle 12000rpm
Lower 9 position drum turret
Max. machining length: 854mm
Max turning diameter: Ø 300 mm with gear hobbing option
Max gearing diameter: Ø 150 mm



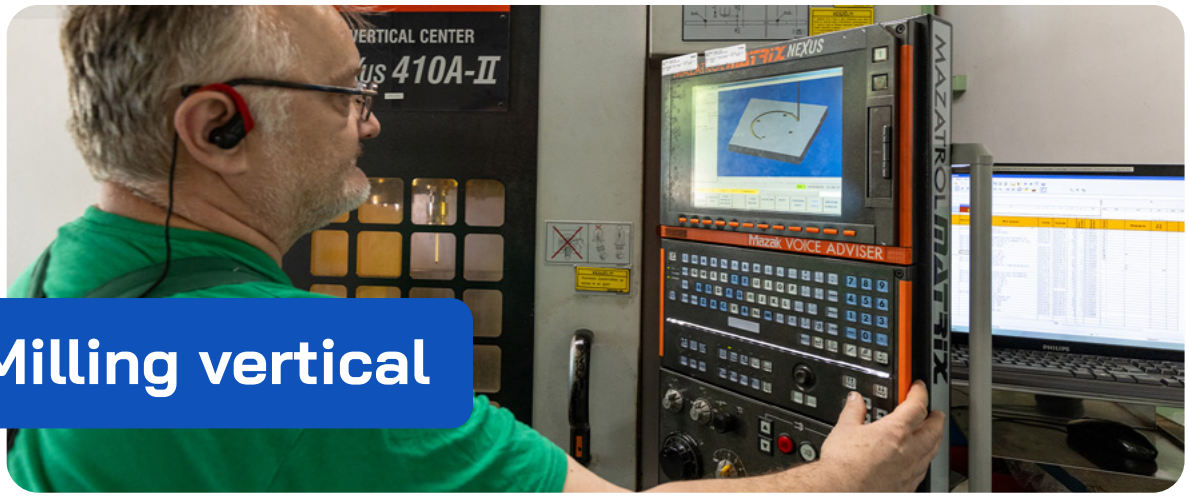
CNC Milling horizontal

MAZAK HCN 5000

4-axis
Multi Pallet Pool (11 pallets)
X:730, Y:730, Z:800, B:NC rotary table

MAZAK PFH 5800

4-axis
2 pallets
X:730, Y:730, Z:740, B:NC rotary table



CNC Milling vertical

MAZAK VCN 410A-II

4-axis
X:900, Y:410, Z:570, B axis

MAZAK VTC 300 CII

4-axis
X:1740, Y:760, Z:660, B axis

KONDIA B640

4-axis
X:640, Y:510, Z:400, B axis



Grinding

OKAMOTO AAC63DX

Surface grinder
Magnetic table: 300 x 600mm

SZIM KU250-03/750

Cylindrical grinder, external and internal
Rotating turret
Ø 250mm x 750mm length



Gear hobbing

LAMBERT 68.2

max diameter: Ø 170mm
up to Modul: 2,5

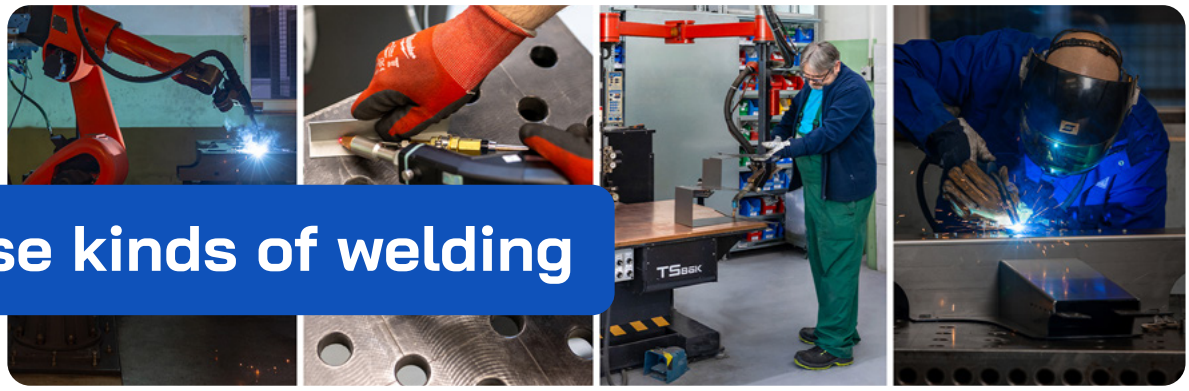


Sheet metal processing

TRUMPF TruMatic 6000L	CNC combi (punching and/or laser cutting) machine CO_2 laser 3200W max sheet size: 1250x2500mm S_{max}: 6mm	
AMADA HG8025	bending machine 80T L_{max}: 2500mm	2x
CONE 900	bending machine 22T L_{max}: 800	
SCHUBERT WML23/30/630	multi roller (23) levelling machine W_{max}: 630	
PEMSERTER SERIES4	PEM hardware insertion machine	2x

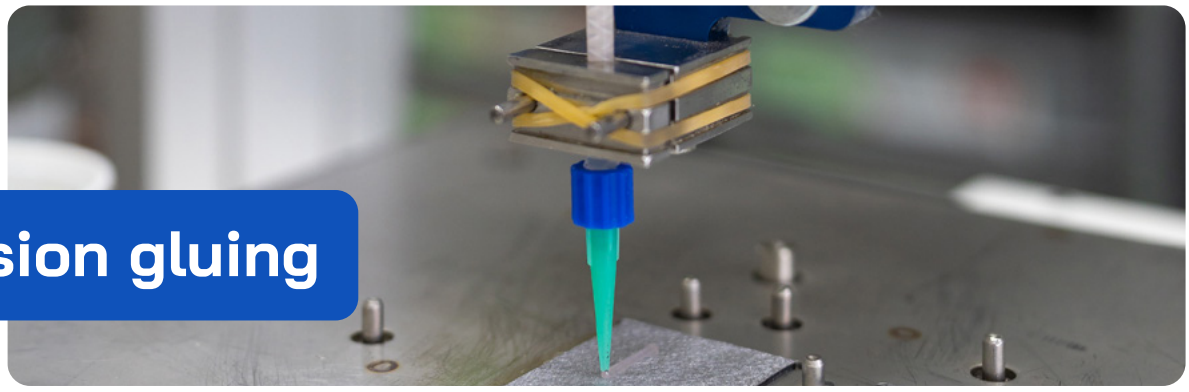






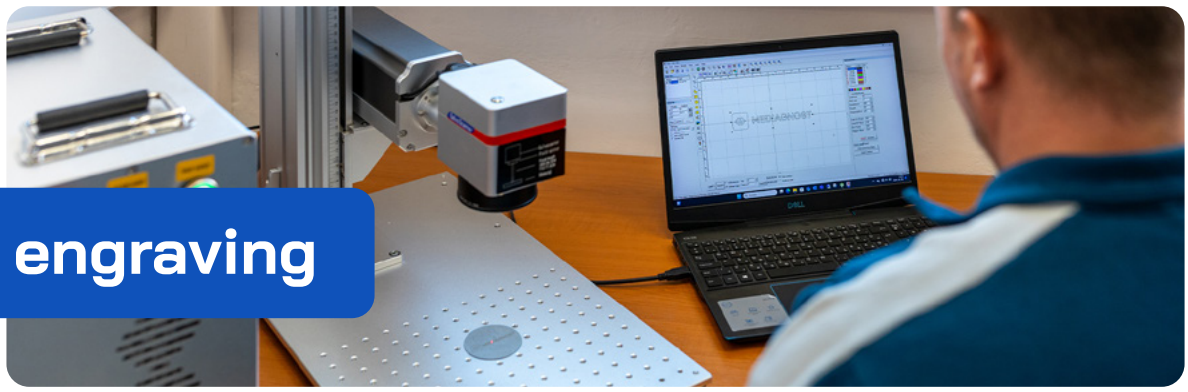
Diverse kinds of welding

CLOOS welding robot MIG	cca 1000x1000x1500mm
Laser hand welding	Steel Monster VS-W ECO-I RAYCUS - 2kW with wire feeder
Hand welding	approx. 15pcs TIG/MIG
AMADA TS86KCE	table spot welder 1000x600mm
DALEX nut welder	Typ: PMS 10-4T 81kVA max. welding power 390daN max. welding force NC control: MPS 200
TECNA spot welder	93kVA max. welding power 300daN max. welding force NC control: TE90 mark II



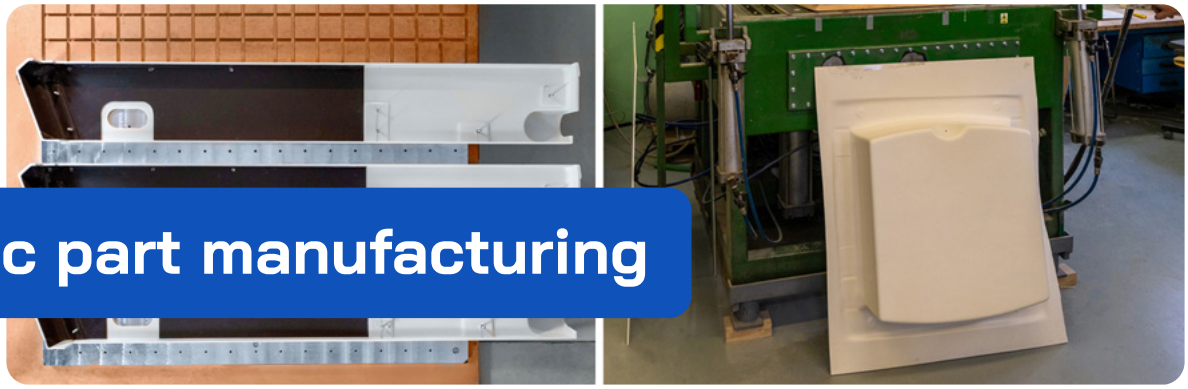
Precision gluing

DISPENSER TECH / PREEFLOW	DT-400 desktop robot ecoDUO-600 2K dispenser X:400, Y:400, Z:100



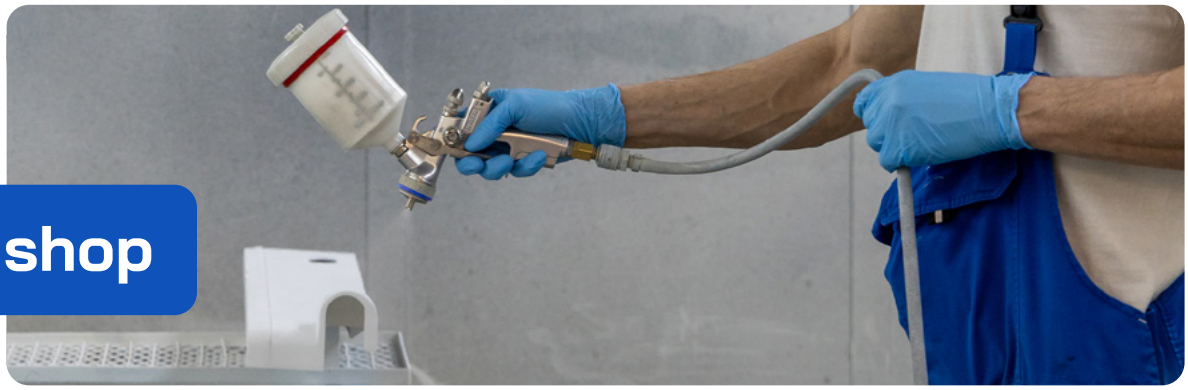
Laser engraving

MAX PHOTONICS FD-50	50W Fiber laser 300 x 300 mm



Plastic part manufacturing

Vacuum forming	Max. workpiece size: X:1200, Y:600, Z:250mm
CNC milling: TTM	X:1000, Y:1000, Z:300mm
3D FDM Printing:	Stratasys F370 X:350, Y:250, Z:250mm



Paint shop

BLOWTHERM painting booth	wet painting cabin size: 6000x2800x2400mm	2x

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