



MEDIAGNOST



Machine List



CNC Turning

MAZAK QT200 MS

Max. workpiece length: 575mm
 Max. workpiece diameter: Ø 695mm
 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. workpiece length: 854mm
 Max. workpiece diameter: Ø 400mm
 With gear hobbing option



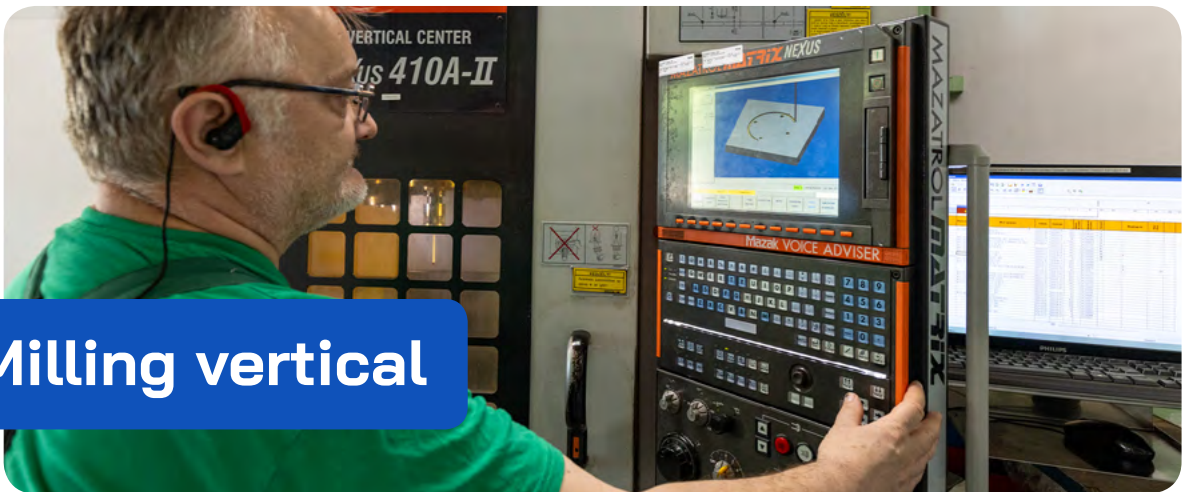
CNC Milling horizontal

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
 CO₂ laser 3200W
 max sheet size: 1250x2500mm
 S_{max}: 6mm

AMADA HG8025

bending machine 80T 2x
 L_{max}: 2500mm

CONE 900

bending machine 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

Hand welding

approx. 15pcs TIG/MIG

AMADA TS86KCE

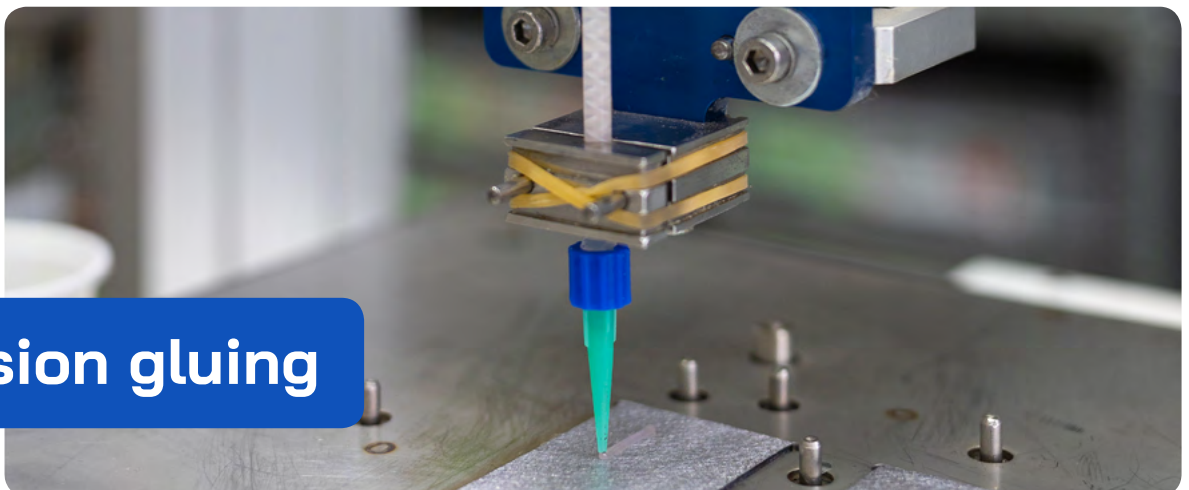
table spot welder 1000x600mm

DALEX nut welder

Typ: PMS 10-4T
 81kVA max. welding power
 390daN max. welding force
 NC control: MPS 200

TECNA spot welder

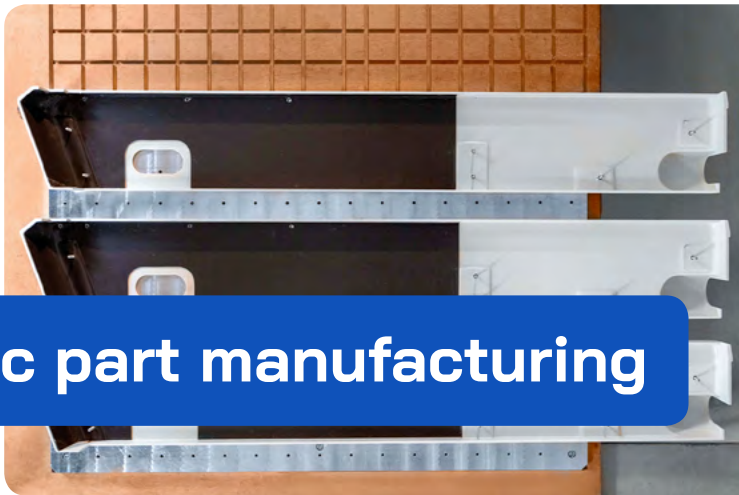
93kVA max. welding power
 300daN max. welding force
 NC control: TE90 mark II



Precision gluing

DISPENSER TECH / PREEFLOW

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



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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