



Production equipment - Mariasteen M&M

Status 15-02-2022

Machining Centers

CNC Vertical Milling Machining Centers

- 1 Mazak VTC 200C X1660 Y510 Z510, iso 40, 30 tools
- 1 Mazak VTC 200C II X1660 Y510 Z510, iso 40, 30 tools + Renishaw RMP60 Probe Kit
- 1 Mazak VTC 530C-SmoothG X 1740 Y530 Z510, iso40, 30 tools + 4th axis + Renishaw RMP60 Probe Kit
- 1 Chiron Mill 2000 X 2000 Y 500 Z 500, iso 40, 24 tools, + Renishaw RMP60 Probe Kit
- 1 Chiron FZ 12 W X550 Y300 Z420, iso 30, 12 tools
- 2 Chiron MPS08 X7000 Y270 Z310, 4 axis machining centers for milling out of bars and profiles
- 1 FOM FMC 470 X7350 Y1400 Z590 HSK F63, 9 tools + 4th axis
- 1 FOM Dali 70 X7320 Y1050 Z435 iso30, 7 tools + 4th axis

CNC Vertical Drill & Tap Machining Centers

- 1 CNC Brother TC-31A, X350 Y 250 Z 350, iso 30, 26 tools, 2 pallets,
- 1 CNC Brother TC-32A, X450 Y 320 Z 410, iso 30, 26 tools, 2 pallets, 4th axis
- 2 CNC Brother TC-R2A, X420 Y 320 Z 270, iso 30, 14 tools, 2 pallets (1 equipped with 4th axis)
- 2 CNC Brother TC-R2B, X450 Y 320 Z 350, iso 30, 14 tools, 2 pallets (1 equipped with 4th axis)
- 5 CNC Brother TC-R450X1, X450 Y 320 Z 350, iso 30, 14 tools, 2 pallets (2 equipped with 4th axis)

CNC Horizontal Milling Machining Centers

- 2 Mazak Nexus 4000 III X 560 Y 640 Z 640, iso 40, 40 tools, 2- pallet changer Renishaw RMP60 Probe Kit

CNC Turning Machining Centers

- 1 Mori Seiki NLX 2500SY/700: dia. 250 mm x 795 mm, 12 driven tools, double spindle

Conventional Machining

- Various lathes, milling machines, conventional drilling & tapping machines, deburring tools

Sawing Machines

Steel

- 1 Behringer Eisele PSU 450M CNC-automated single miter saw, sawblade 450 mm
- 1 Eisele VA-2-H fully automated circular cold saw, blade dia. 300 mm, max 80 mm square
- 1 Imet Record 315 plus Manual circular saw, blade dia. 320 mm, max 100 mm

Aluminium

- 2 Emmegi SCA450 semi-automatic single miter saw, blade dia. 450 mm
- 1 Emmegi Classic 450 semi-automatic double miter saw, blade dia. 450 mm
- 2 Emmegi Classic 500 semi-automatic double miter saw, blade dia. 500 mm
- 1 Eisele VA-Lo69 fully automated circular cold saws, blade dia. 400mm

- 1 Eisele VA-L350NC fully automated circular cold saw, blade dia. 400mm
- 2 Eisele VA-L500E fully automated circular cold saw, blade dia. 500mm
- 1 Elumatec manual cold saw blade dia. 350mm
- 1 Emmegi Vegamatic fully automatic CNC miter saw blade dia. 550mm

Welding

- 4 Panasonic MIG welding robots, turning table max 1x3 m (2 equipped for welding aluminium)
- 1 Panasonic TIG/MIG welding robot , turning tables max 1x3 m (equipped for welding aluminium/inox)
- 7 welding cabs for manual MIG & TIG welding
- 2 brasing cabinets
- studwelding

Bending & Punching

- 1 CNC –tube bending machine Macri Provar 6-45 : for pipes up to 42 mm, 6 axes, fixed and variable radii
- 2 rolling machines for tubes cap. square 40 mm
- 7 excentric presses up to 63 ton
- 1 sheet rolling machine, cap. 1000mm x 3mm
- 2 presses with bar feeder, for punching bars and profiles up to 7m

Additional operations

- 1 RSA Automatic Brush deburring installation
- 2 RSA Manueal Brush deburring installation
- 3 rotary deburring vibrators
- Surface grinding
- Aqueous washing machine with conveyor for cleaning aluminium production parts (bandwidth 300mm – height 200 mm)
- Assembly services
- Packaging, Labeling, Printing
- Conveying cleaning machine Perkute-O-Mat (tunnel passage 300 x 200 mm)

Logistics

- 1 Fully automated warehouse for long goods, 540 locations L 7000 x W 980 x H 850 mm, max. load 3000 kg
- 1 Fully automated warehouse for euro pallets, 1900 locations, max. height 1850 mm, max. load 1200 kg
- 2 dynamic vertical lifts for automated storage and picking of small products
- Separate Warehouse Management Software linked to our SAP-business software.
- Packaging, labeling and printing services
- Own transport.

Quality Assurance

- ISO 9001:2000 certified
- Climatic chamber with Mitutoyo 3D measuring machine dim. 905x2005x805 mm