



OMIKRON MECA

Our company, OMIKRON MECA is specialized in high precision CNC machining parts of small to medium lot sizes, single technical parts and also mechanically-welded assemblies.

Our strength : Quality services and competitiveness

OMIKRON MECA, in the heart of the Carpathian Mountains, in ROMANIA, spares no effort in satisfying the needs of its customers combining **quality, competitive prices and respect of deadlines.**

We propose you to manage your **STANDARD parts or mechanically-welded assemblies.**

We offer you **full services** including **mounting-assembling operations, all treatments and deliveries** by full packages or grouping transports, as well by air for urgent packages.

Raw material that we process...

- Steel, stainless steel,
- Aluminium,
- Plastics,
- Bronze, brass, ...

In partnership :

- Laser, plasma and water-jet cutting,
- Surface coating (painting, burnishing, phosphating, white zing plating, anodizing, galvanizing),
- Heat treatments and surface grinding.

OUR MACHINE FLEET

▪ CONVENTIONAL MACHINING

• PROMA Band cutting machine

Maximum diameter for solid bars = 190 mm

Maximum sizes for prismatic raw materials = 200 * 140 mm

• ERNAULT-SOMUA Conventional lathe

Maximum diameter = 250 mm

Distance between centers = 1000 mm

• DUFOR Conventional milling machine

Maximum sizes = x 600 mm * y 250 mm x z 250 mm

• ERNAULT-SOMUA Conventional lathe

Maximum diameter = 120 mm

Distance between centers = 500 mm

• LIM PLTH 500 Plane grinding machine

Maximum sizes = x 500 mm * y 300 mm

▪ TURNING DIGITAL MACHINES

• REAL MECA T400

Maximum diameter = 160 mm

Distance between centers = 600 mm

• HAAS ST 15 with bar feeder

Maximum diameter = 63.5 mm with bar feeder

Maximum diameter = 278 mm with chucking device

Maximum stroke = z 406 mm

▪ MILLING DIGITAL MACHINES

• HAAS VF2SS

Maximum sizes = x 760 mm * y 400 mm * z 600 mm

• HAAS VF2

Maximum sizes = x 760 mm * y 400 mm * z 600 mm

• HAAS VF3

Maximum sizes = x 1010 mm * y 508 mm * z 600 mm

MEASURING AND CONTROL DEVICES

WHAT MAKES THE DIFFERENCE ... All our digital milling machines are equipped with the **Renishaw system** which comprises a set of macros that control probing motion and point data manipulation, measuring a range of common component features with input of a few parameters directly on the machine. **This system allows us to improve the quality and to obtain a consequent saving of time.**



We also measure with :

- Mitutoyo digital column,
- Boring measuring tool (maximum size = 100 mm),
- Digital micrometers, inspection gauges,
- Calipers up to 1000 mm,
- Straightening plate for maximum sizes = 1200 mm * 600 mm.

Some of our realizations based on your drawings:

Send us your drawing in **.pdf, .dxf, .dwg** formats or your 3D drawings in **.step** format. We are equipped with the **ESPRIT Software** for programming.



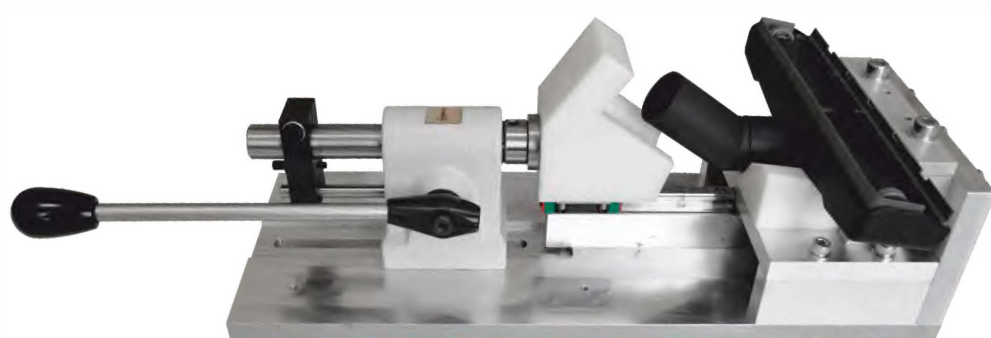
Our mechanical welding services:

- MIG-MAG welding of steel and stainless steel materials,
- TIG-VIG welding of stainless steel material,
- Max weight of 250 kgs per mechanically-welded assembly (small to medium lot sizes),
- Possible re-machining after welding according to fitting dimensions.



We support you in the development of your projects!

OMIKRON MECA help you in the fulfillment of your projects by realizing for you devices, tools and prototypes.



OMIKRON MECA is in process to obtain the ISO 9001: 2015 CERTIFICATION (End of 2018)

Main sectors of activity

- Automotive,
- Urban furniture,
- Hydraulics,
- Agri-food,
- Shipbuilding industries.

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