

MIB 4.0

Your Italian Atelier of Smart Mechatronic Solutions



About us

We are a new company born from a network of companies operating since the 1950s in Emilia Romagna

Our Strengths

-  **Experience and Specialisation**
(know how of the 4 founding companies)
-  **Customisation and Flexibility**
(support at all stages)
-  **R&D and Partnerships**
(National and International Research Centres, Universities, Clusters)
-  **Strategic Location**
(Packaging and Motor Valley)



What we offer

- ✓ **Co-engineering**
- ✓ **Design**
- ✓ **Prototyping**
- ✓ **Production**
- ✓ **Customised Production Lines and Automation Solutions**
- ✓ **Standard Machines**

Our Target Sectors

- Automation
- Electromechanics
- Mechatronics
- Medical
- Robotics



For more information visit our website

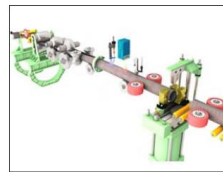
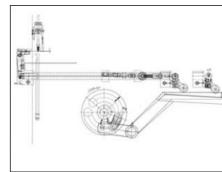
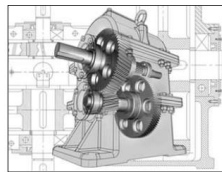
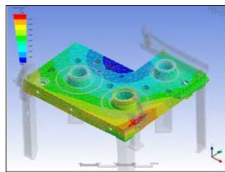
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➤ Co-engineering

- ✓ Feasibility studies
- ✓ Mechanical designing
- ✓ FEM
- ✓ Kinematic and structural calculations
- ✓ Virtual prototyping with multibody analysis



➤ Design and Implementation of Production Lines and Customised Automation Solutions

Our product portfolio includes:

- ✓ Automatic machines for production lines
- ✓ Robotic systems for the medical sector
- ✓ Single robotic workstations and in-line machines
- ✓ Test benches and control stations



➤ MAS 2-S: Multiaxial simulator for static and low cycle fatigue (LCF) testing

The innovative test rig designed for testing medical implants and prostheses.

Some advantages:

- ✓ Two electric axes for tension-compression up to 10kN and torque 50Nm (optional third axis for bending)
- ✓ Axis control in position or force
- ✓ 180° viewing angle thanks to the C-frame
- ✓ Direct drive motion for maximum accuracy and repeatability
- ✓ Electric drive for greater accuracy and less maintenance
- ✓ Space-saving and easy to install

