



 **MECHATRONIX**  
INDUSTRIAL HUB FOR E-MOBILITY,  
ENERGY AND MECHATRONICS

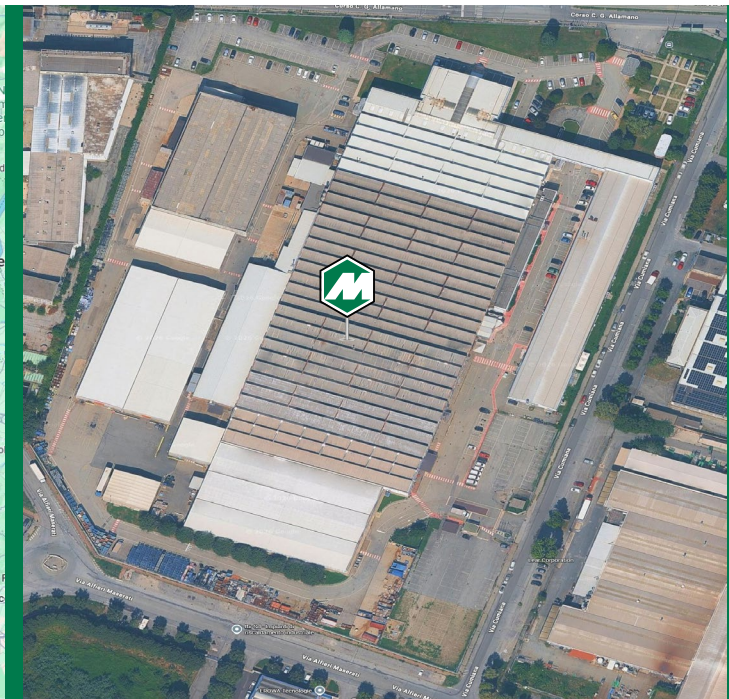
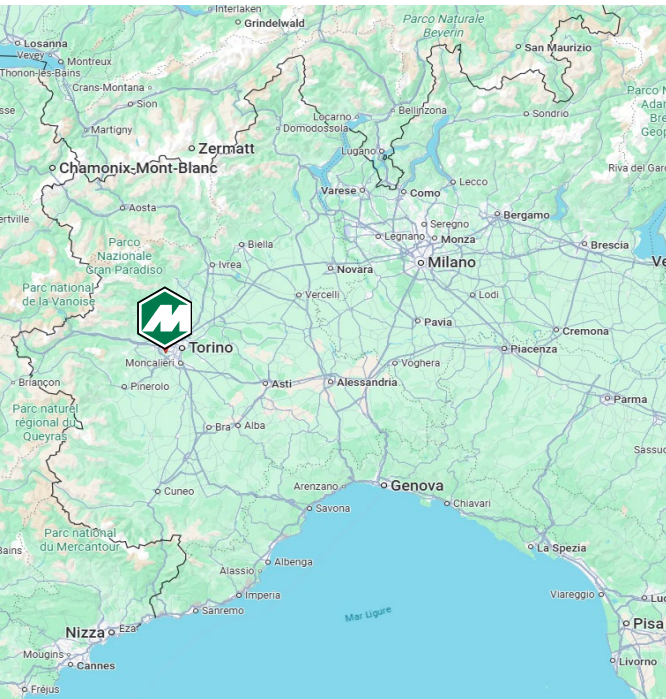


## INDUSTRIAL HUB FOR E-MOBILITY, ENERGY AND MECHATRONICS

- OVER 34,000 SQM OF FACILITIES
- OVER 365 EMPLOYEES

**Mechatronix is a multi-business industrial platform able to combine advanced automotive, electronics and manufacturing expertise, enabling new development lines in e-mobility, energy and advanced mechatronics, in synergy with the activities of the other Fulchir Group companies.**

 <a href="http://WWW.ZETRONIC.IT">WWW.ZETRONIC.IT</a> Business Area: MECHATRONICS	 <a href="http://WWW.IVISIONTECH.EU">WWW.IVISIONTECH.EU</a> Business Area: EYEWEAR & SMART DEVICES
55% by Zetronic  45% by iVisionTech	
<p><b>Mechatronix is one of the Fulchir Group companies. It originated from the industrial conversion project of the Grugliasco plant (former  LEAR), integrating into the Group's Mechatronics Business Unit.</b></p>	




# WHAT WE DO


The Grugliasco plant was a **historic Turin automotive site** specialized in **wiring and electrical/electronic components** for the major car manufacturers. Its employees developed advanced expertise in assembly, testing, quality control and the management of highly reliable automotive production processes.

*COMMERCIAL AND PROJECT ACTIVITIES ARE INTEGRATED WITH GROUP COMPANIES, CREATING COMPLEMENTARITY WITH THE PLANT'S PRODUCTION CAPACITY*


**FULCHIR GROUP COMPANIES  
MECHATRONIX PARTNERS**




**ESTRIMA**  
BIRÒ  
BIRÒ ELECTRIC  
VEHICLES




**LUXEN**  
SOLAR PANELS  
AND SUPPORT  
STRUCTURES




**VEMA**  
AUTOMOTIVE METAL  
STRUCTURES



**DEC**  
ELECTRONIC  
DESIGN &  
MANUFACTURING  
SERVICES

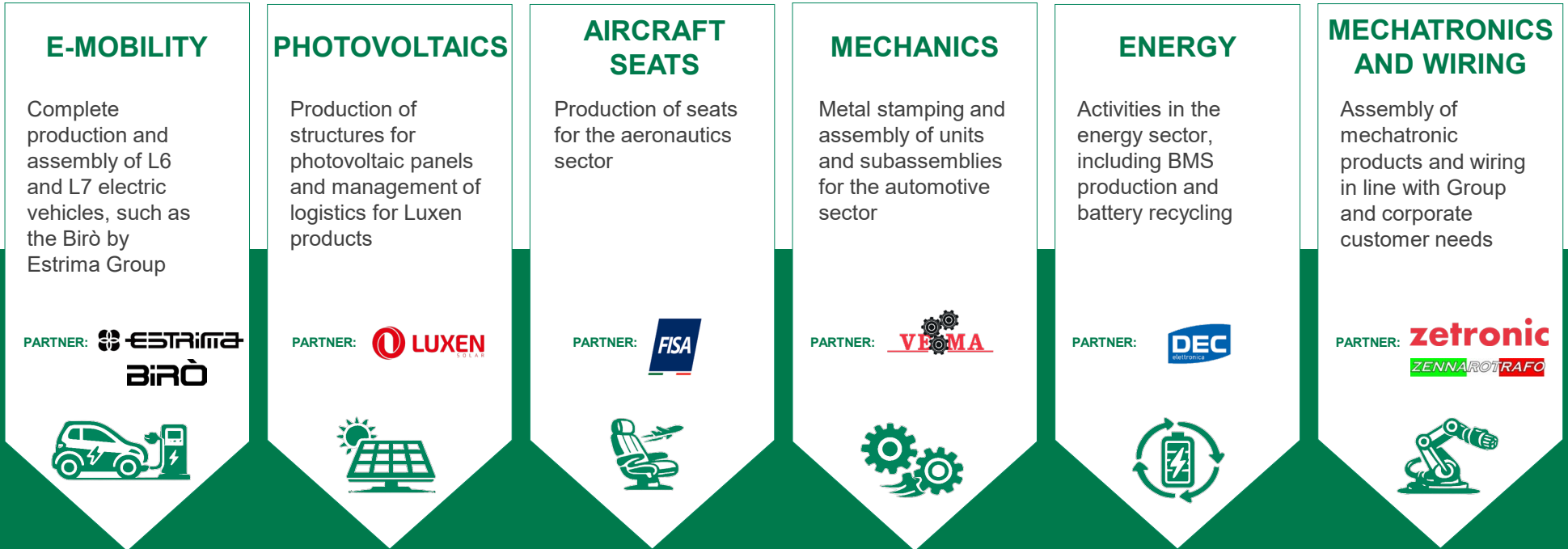


**zetronic**  
SINCE 1921 MECHATRONIC  
TECHNOLOGIES AND  
COMPONENTS FOR  
AUTOMOTIVE AND  
INDUSTRY



**ZENNA ROTRAFO**  
TRANSFORMER  
PRODUCTION  
LOW/MEDIUM/HIGH  
VOLTAGE

**Mechatronix's** technical capabilities are integrated into its partners' activities **through six main business lines:**



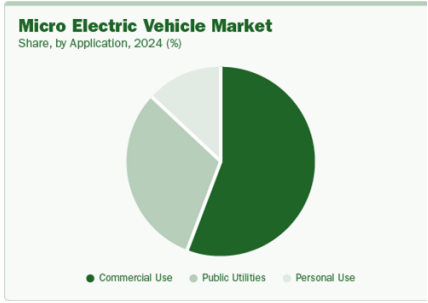
MARKET



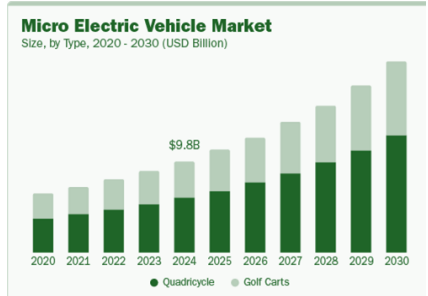
**Mechatronix** operates in the production and full assembly of electric vehicles in categories "L6" and "L7", such as the Birò by Estrima Group.

**Production and assembly** activities include:

- Incoming component inspection
- Modular pre-assembly
- Chassis and powertrain assembly
- Electronics integration
- Body finishing
- Final testing and inspections
- Certification and shipping



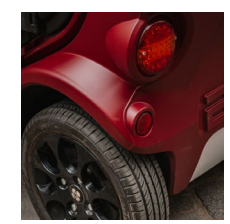
The micro electric vehicle market, by use (source: [www.grandviewresearch.com](http://www.grandviewresearch.com))



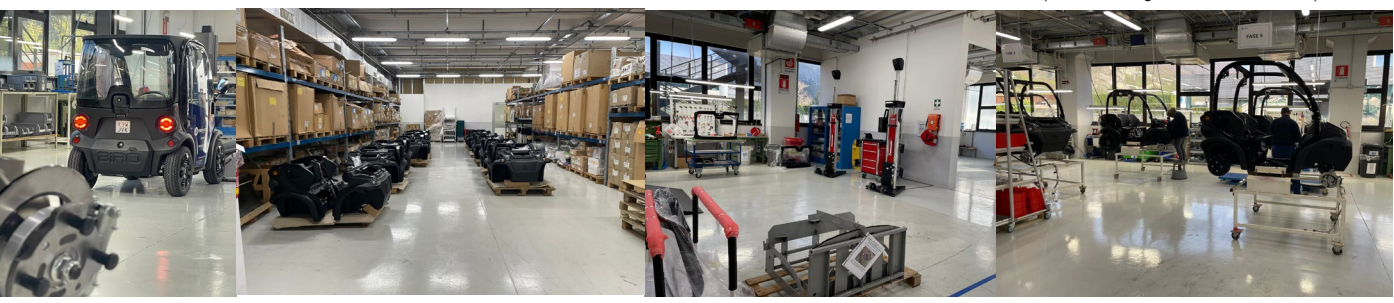
Micro electric vehicle market, 2020 and 2030 (source: [www.grandviewresearch.com](http://www.grandviewresearch.com))

**BiRÒ** by **ESTRIMA**

**BiRÒ - THE SMALLEST FOUR-WHEELED ELECTRIC VEHICLE**



**PRODUCTION LINE:**



**SOME PRODUCTS ON THE MARKET:**



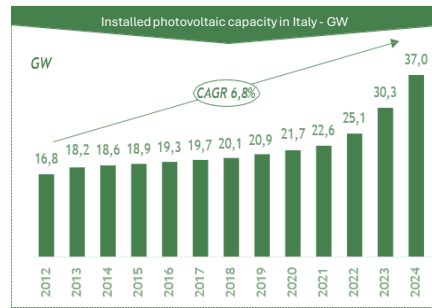
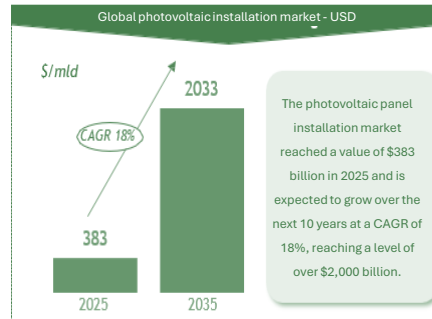
# PHOTOVOLTAICS



**Mechatronix** operates in the production of **structures for photovoltaic panels** and in the logistics management of Luxen products

Activities include:

- **Incoming component inspection** (profiles, brackets, fastening systems)
- **Modular pre-assembly** of support structures
- **Assembly of frames and mounting systems** for photovoltaic panels
- **Integration of anchoring and fastening systems** (roofs, ground, dedicated structures)
- **Finishing** and dimensional verification of the structures
- **Strength testing** and compliance **checks**
- Product logistics management, certification and shipping



Source: Industry Research, 2026; Statista, 2025

MAIN PARTNER - luxensolar.it



## SOLAR PANELS AND SUPPORT STRUCTURES



### EXAMPLE APPLICATIONS:



# AIRCRAFT SEATS



**Mechatronix** operates in the production of seats for the aeronautics sector, thanks to the technological and organizational support of **partner FISA** and to its long-standing expertise in the production of high-end automotive seats. The transition to the aeronautics sector is already underway, with a **certification path aligned with CS-25 / FAR 25 standards**.

*PRODUCTION ACCORDING TO AERONAUTICAL REQUIREMENTS (LIGHTWEIGHT, FIRE RESISTANCE, CRASH TEST).*

**LONG-STANDING EXPERTISE IN THE SECTOR**

MAIN PARTNER - [fisaitaly.com](http://fisaitaly.com)



**LEADER IN TRAIN SEAT MANUFACTURING**



Locomotive driver seats



Passenger seats



Client design projects



Bay Tables by IMET

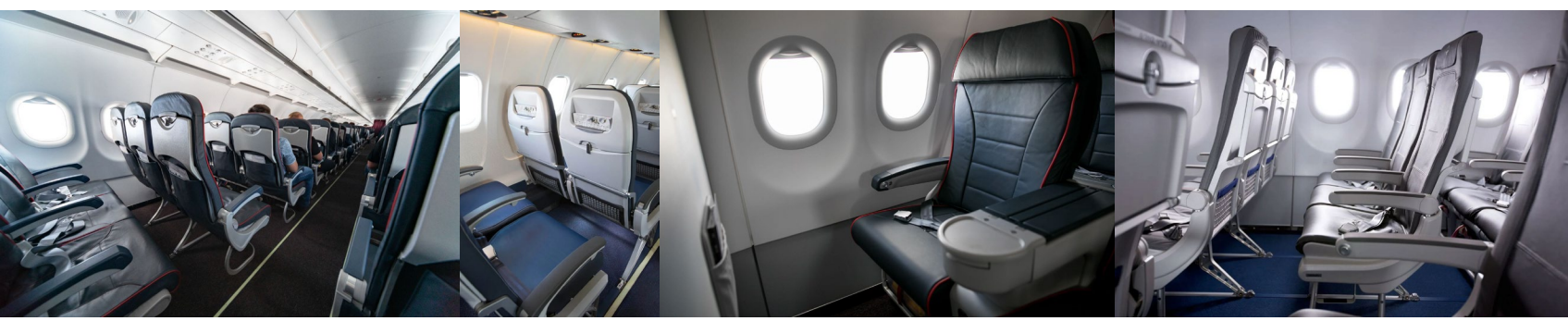


Couchettes by IMET

*PRODUCTION LINE, EXPERTISE, EXPERIENCE:*



*SOME PRODUCTS ON THE MARKET:*



# MECHANICS

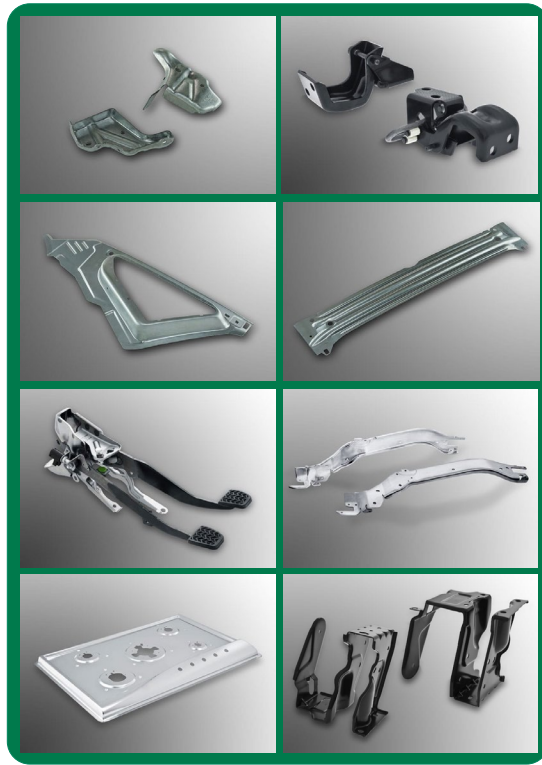


MAIN PARTNER - vemastamp.it

**Mechatronix** operates in metal stamping, assembly of units and subassemblies for the automotive sector.

**Mechatronix** uses **metal stamping** processes (Forming Technology), **welding and riveting** (Union Technology) and **surface finishing treatments** such as galvanizing and KTL (Surface Finishing Technology).

These processes ensure high precision and durability of the manufactured components.



SAMPLE PRODUCTS

### AUTOMOTIVE METAL STRUCTURES

PRODUCTION LINE:





**Mechatronix** operates in the energy sector through the production of components and systems for battery management and lifecycle.

Activities include **BMS** (Battery Management System) production and **battery recovery and recycling processes**, in collaboration with **qualified industrial partners**.

Activities:

- **Inspection** and integration of electronic components (boards, sensors, wiring)
- **Assembly** of BMS systems for battery management and monitoring
- **Functional testing** and system validation
- Integration into e-mobility and energy storage applications
- Battery **disassembly** and recovery processes
- **Logistics** management and lifecycle traceability

**KEYWORDS: BATTERY MANAGEMENT, SAFETY AND LIFECYCLE**



**COMPLETE INDUSTRIAL SUPPLY CHAIN:  
BATTERIES AND ENERGY STORAGE  
SYSTEMS**

**EXAMPLE APPLICATIONS:**



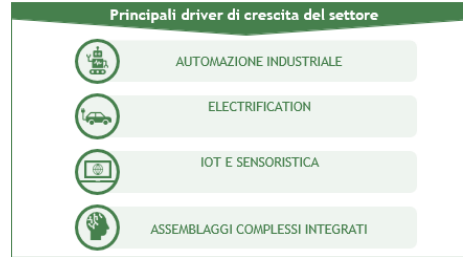
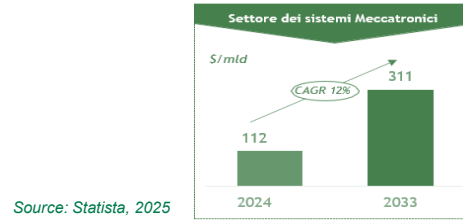
# MECHATRONICS AND WIRING



**Mechatronix** operates in the assembly of mechatronic products and wiring with a **total workforce of over 300 people**.

Its employees have developed advanced expertise in assembly, testing and quality control, operating according to **highly reliable production standards typical of the automotive sector**.

**Mechatronix** is the ideal partner for labor-intensive activities, ensuring quality, flexibility and integration into the client's processes.



**Mechatronix** is the ideal partner for outsourcing labor-intensive activities:

- Electromechanics
- Electronics
- Plastics
- Home appliances
- Lighting
- Products for automotive
- Pre-assemblies
- Assembly

MAIN PARTNERS – zetronic.it , zennarotrafo.com

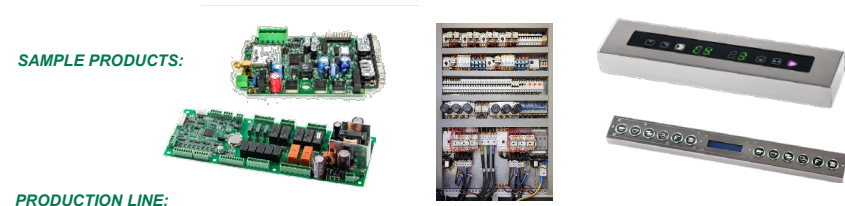
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**MECHATRONIC TECHNOLOGIES AND COMPONENTS FOR AUTOMOTIVE AND INDUSTRY**



**ZENNAOTRAFO**

**LOW-, MEDIUM- AND HIGH-VOLTAGE TRANSFORMERS (POWER/ENERGY)**



# MECHATRONIX: MADE IN ITALY

**Mechatronix** is an integrated industrial hub able to combine manufacturing, electronics and mechatronics expertise to support the industrialization and production of products in the e-mobility, energy, mechanics and mechatronics sectors.

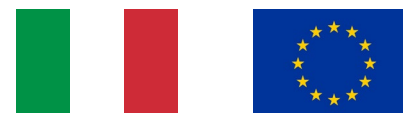
*OUR GOAL IS TO CONTRIBUTE TO THE DEVELOPMENT OF STRATEGIC NATIONAL AND EUROPEAN INDUSTRIAL SUPPLY CHAINS, STRENGTHENING MANUFACTURING AND TECHNOLOGICAL EXPERTISE IN THE LOCAL AREA*

## KEY POINTS:

- **Multi-business** with cross-functional expertise
- **Integration** capability across the entire production process
- High manufacturing **flexibility** and industrial **scalability**
- Integration with top-tier technology and **industrial partners**
- Consolidated experience in **highly reliable** environments



**- MADE IN ITALY -  
MANUFACTURING, EXPERTISE AND  
INDUSTRIAL INNOVATION**

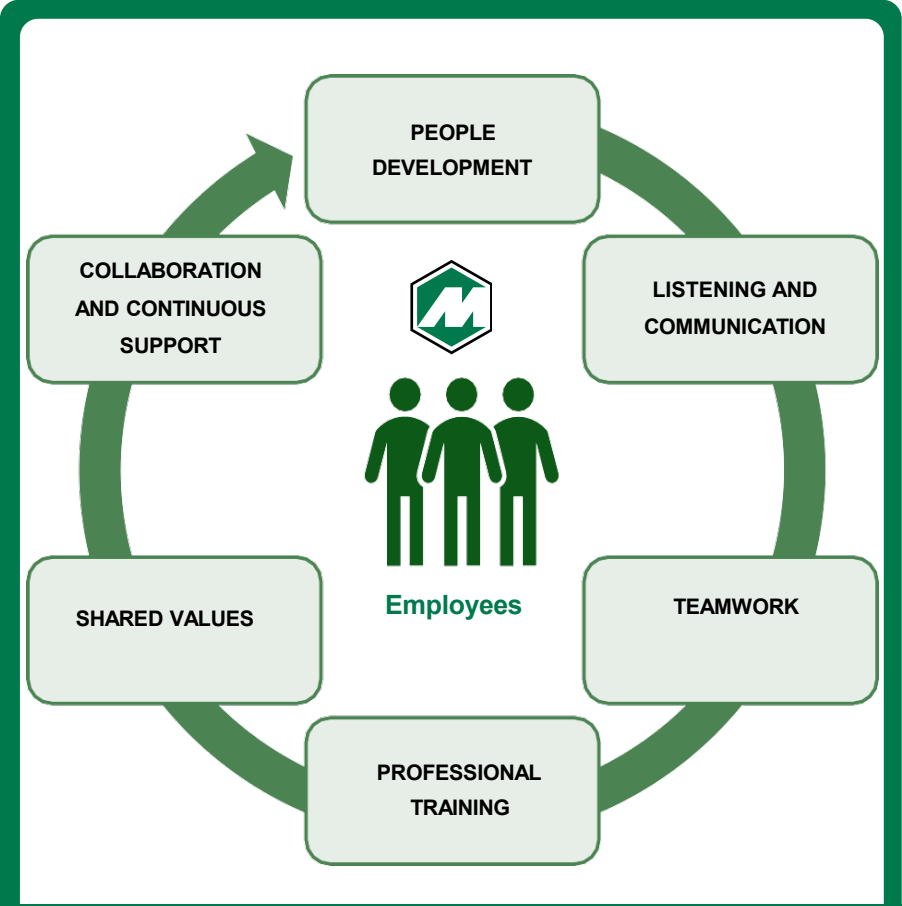


**Mechatronix** is a reliable industrial partner for the development and production of **high value-added technological solutions**.



**TECHNOLOGY, MANUFACTURING AND EXPERTISE  
AT THE SERVICE OF THE INDUSTRY OF THE FUTURE**

- Employees are among the key resources of every company. At **Mechatronix**, thanks to many years of experience in the wiring and electrical/electronic components sector, there is well-established expertise in assembly, testing, quality control and the **management of highly reliable production processes**.
- To promote **professional growth** across the various business units and ensure **continuous upskilling**, we established the **Mechatronix Academy** from the outset, an academy that trains its internal resources through dedicated courses.
- Through the **Mechatronix Academy**, **annual refresher courses** are held for employees.
- **New technologies used in the production phases are explained interactively**, so that staff are always aware of the latest **technological innovations**, also with the aim of facilitating their operational work.
- Another key goal of the **Mechatronix Academy** is to **involve local schools and families** in preparation for a **future generational transition**.





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