

Partners in the Management of
Vertical Productive Process

Tecnologie Industria Metalmeccanica
Meccanica Società Italiana Tecnologie I
Tecnologie Industria Metalmeccanica

Who We Are

S.I.T.I.M. Ltd grants a 20-year long experience gained in the sector of the "AUTOMOTIVE" metalworking industry. The structure makes use of secure professionalism and experienced collaborators thanks to the acquired know-how. **Our core business is divided into three areas:**

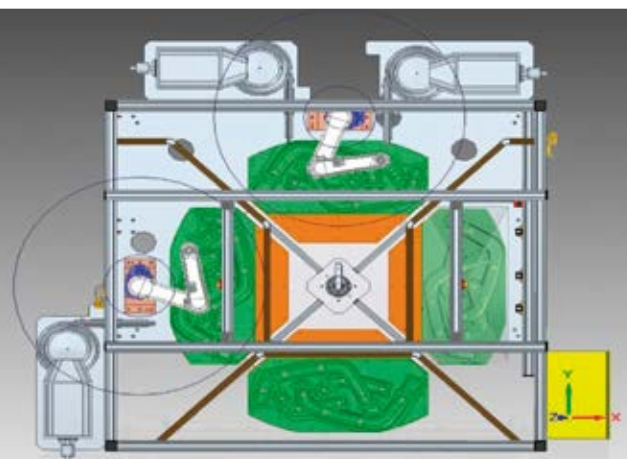
PRODUCTION

- PRODUCTION of various components for the AUTOMOTIVE sector, through mounting, assemblies and ultrasonic welding;
- PRODUCTION of coupling of various types of materials, using a water-based vinyl glue which we conceived;
- PRODUCTION of bags for packaging with the use of different materials such as low medium and high density HD / LD polyethylene, PE bubble wrap and polyethylene FOAM;
- PRODUCTION of light fixtures with LED technology for the automotive, industrial and civil sector, with our own brand.

NEXTLED

QUALITY

S.I.T.I.M. Ltd. designs, manufactures and markets its own products in accordance with UNI EN ISO 9001:2008 and UNI EN ISO 14001:2004 regulations.





RESEARCH & DEVELOPMENT

S.I.T.I.M. is proud of having conceived, designed, developed:

- an innovative product on the market, which specifically relates to the formulation and application of a water-based vinyl glue, for applications in the coupling of diverse material;
- a plastic hook defined as polyamide polymer and abbreviated in PA66, dedicated to the sector AUTOMOTIVE, which is applied in the productive process for the painting of car bodies and for replenishing of the car passenger door.

SERVICES

The company is able to offer technical assistance, on behalf of our customers, at the following establishments: Fiat Auto Cassino, Fip Pomigliano, Sevel Atessa, Mirafiori, Maserati-Omg and Sata Melfi.

It also offers a technical-qualitative, immediate, flexible and effective support in the areas of the industrial management of the product and in the improvement of quality and production control systems.

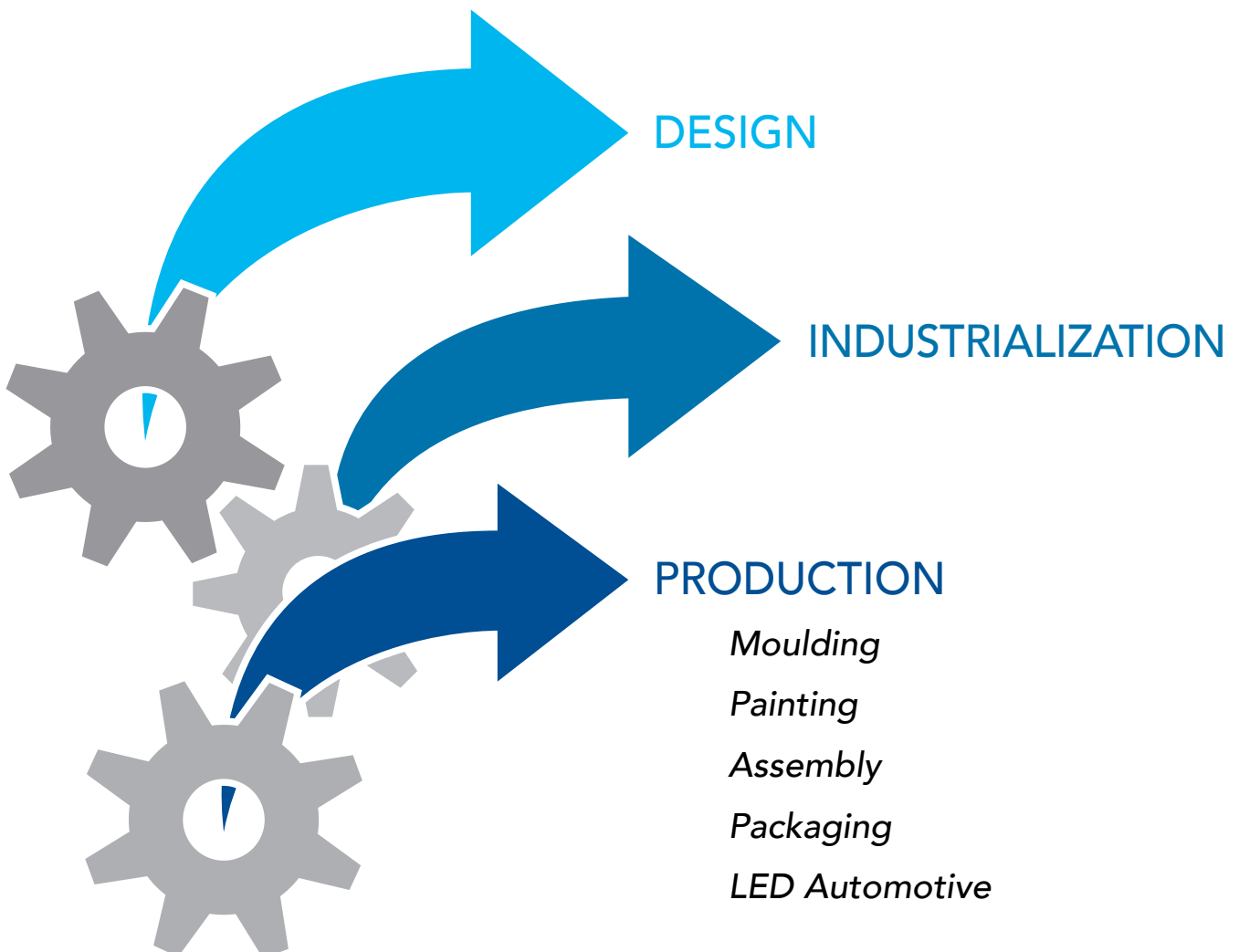




Advantages of SITIM

Vertical management of the productive process

S.I.T.I.M. is able to manage all the activities necessary for the realization of a product, primarily in the AUTOMOTIVE market. It also supports the design and study of the relative industrialization of products, identifying solutions for the optimization of costs and time. The organizational production skills guarantee the following steps: moulding, painting, assembly, packaging and automotive lighting solutions.





Control and technical assistance

S.I.T.I.M. is able to offer technical-qualitative, immediate, flexible and efficient support in the name of and on behalf of its customers, in the most important factories of the largest automotive companies in Italy. It manages quality improvement activities and production control systems. It carries out selection activities, supply and on-site direct management of operative personnel who are assigned to the different business activities of a temporary, urgent or outsourced character.

Reliability

Reliability and expertise are the values which differentiate S.I.T.I.M. Each activity is carefully planned to ensure compliance with quality and production time standard events. The personnel are trained to always guarantee effective and very quick solutions. For S.I.T.I.M. reliability means: the regularity, security and quality of service that it offers to its customers every day.

Geographical position

S.I.T.I.M. has operational headquarters in Cassino, close to the Fiat factory and a few kilometers from the industrial areas of Pomigliano and Melfi.

Production

MOULDING

Thanks to the collaboration established with some 1st level partner suppliers, S.I.T.I.M. is able to perform the following processes:

- Cold metal sheet STAMPING, with mechanical presses up to 400 tons.
- Plastic materials injection moulding with presses up to 1000 tons.
- Production of particular foamed products.
- Production and silkscreen printing by thermoforming, heat sealing, gluing and die-cutting of some particulars such as sound-absorbing, thermo-acoustic, porous, needled ones and others.
- Production of containers with stacking coroplast panels, of various sizes and thicknesses.

PAINTING

Fully automated industrial painting of plastic parts, suitable for the use of solvents and water-based paints. The peculiarity is in the ability to paint small and large parts up to a lengths of 2.30 m.

ASSEMBLY

S.I.T.I.M. satisfies all requirements of assembly and mounting of the components purely for the Automotive sector.

Thanks to an automatic system conceived and designed directly from SITIM, such innovation ensures an economic efficiency, improving the qualitative reliability and production cycle-time, thus completely eliminating the handling operations.





PACKAGING

S.I.T.I.M. develops solutions and plastic packaging supply for the automotive sector. Its experience and specificity in the protection of car components is the result of careful study and analysis of the different packaging materials: low density (LD), high-density (HD), medium density (MD) polyethylene (PE), PE bubble wrap and flame retardant, polypropylene (PP) film, PP mantle treated with Spunbond method.

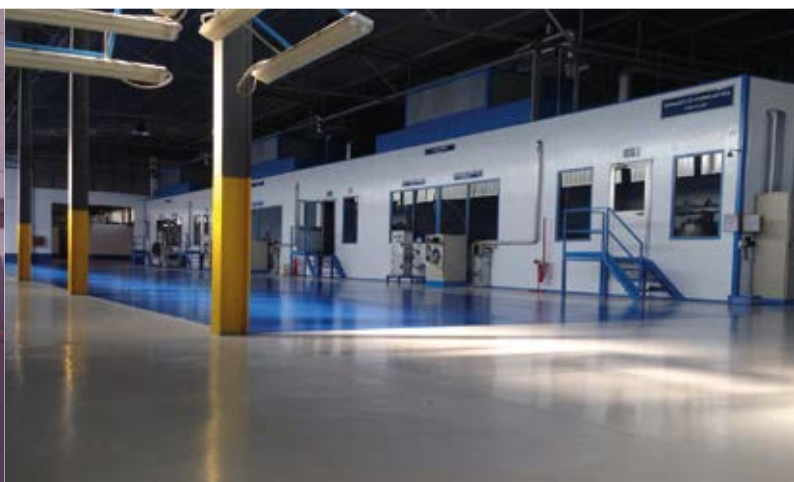
LED AUTOMOTIVE

S.I.T.I.M. manufactures a complete line of electronic LED circuits

- All the different types of application: headlights, side, rear, license plate lights, LED headlamps
- All major combinations of brand / model
- All market segments: car / commercial vehicle / industrial truck
- Special accessories

S.I.T.I.M. ensures the development, industrialization and laboratory tests dedicated to the quality of the product.

Machinery and advanced software for the development (optical simulation, CAD stations, rapid prototyping), for quality control (laboratory for photometric tests, tests of water resistance, corrosion, heat and vibration resistance), in order to ensure the product quality from design to production.



Services

TECHNICAL ASSISTANCE

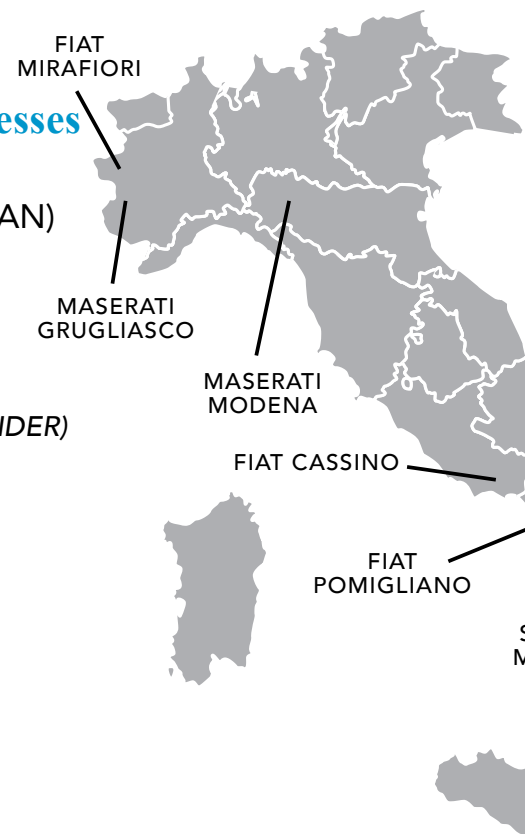
S.I.T.I.M. offers technical assistance, in the name and on behalf of its customers, in FIAT AUTO Cassino, FIP POMIGLIANO, Sevel ATESSA, MIRAFIORI, Maserati-OMG and SATA MELFI factories.

Technical Assistance in Productive Processes

- Qualification of Processes (PCPA)
- Applications of methodologies (CONTROL PLAN)
- QUALITY Data Management
- Self-certification of the product
- Objectified features

Activities of Resident (OFFICIAL FIAT PROVIDER)

- Visual inspections
- Dimensional controls
- Selection of lots
- Compliance with procedures
- Analysis of customer returns
- Analysis of customer complaints
- Preventive Action
- Corrective actions
- Management of non-compliance





Industrial management of production

LEAN MANUFACTURING

- Analysis of depth of the process
- Value stream mapping (VSM)
- Layout of equipment and systems improvement

PRODUCTIVITY

- Monitoring and improving of overall equipment effectiveness (OEE)
- Monitoring and increasing of productivity
- Improvement of workstations ergonomic

MANAGEMENT OF STORES

- Layout Improvement and FIFO management
- Evaluation of safety stock and definition of the minimum inventory level
- Calculation of main warehouse indicators (ABC analysis, ROL, ROC and IR)

PRODUCTION PLANNING SUPPORT/ PRODUCTION MANAGEMENT

- MRP Optimization (stock / order)
- Key Process Indicators or KPI
- Data collection systems





Services

Improvement of quality systems and production control

SUPPLIERS QUALITY ASSURANCE

- Qualification and development of (new) suppliers
- Improvement of processes, quality systems and quality control plans of supplier
- Incoming inspection inbound / outbound management
- Audits of Quality Systems (ISO 9001, ISO TS 16949) and of process

PROBLEM SOLVING

- Support to the production line quality and poka-yoke systems
- PDCA
- FMEA
- KPIs

CONTINUOUS IMPROVEMENT

- SPC analysis
- Implementation of X-R control charts
- Balancing of the production line
- KEIZEN, SMED and TPM programs





Selection, supply and on-site management of operative staff

assigned to the various business activities either for temporary, urgent or for outsourcing services.

QUALITY CONTROL OF INCOMING / OUTGOING MATERIALS

- Good/not good visual checks
- Instrumental/dimensional controls (caliber, surface gauge, gauge, etc.)
- 3D Controls with DEA, Mitutoyo machines, etc..

DEFECTIVE MATERIALS REWORK

- Deburring
- Boring

Assemblies of sub-assemblies or even complex products of particular orders with guaranteed and accurate process controls.



Sede legale: Via Cerro Tartari, 5 - 03043 Cassino, Frosinone ITALY
Sede operativa: Stab.to 01: Via Cerro Tartari, 5 - 03043 Cassino (FR)
Tel./Fax: +39 0776 465343 mobile: +39 335 1806404
e-mail: battiloro@sitimsrl.com

www.sitimsrl.com



Save the Children

SITIM SUPPORTS "SAVE THE CHILDREN" SINCE 2013.

Start a Distance Support or donate through bank transfer

IBAN IT60N0501803200000000118400 by writing the following reason
"SITIM Customer" or on: savethechildren.it

la Metallmeccanica Società Italiana
Italiana Tecnologie Industria Metalme
a Metallmeccanica Società Italiana Te