



**MALVESTITIGROUP**  
OUR INNOVATION, YOUR SUCCESS

HIGH PERFORMANCE  
**INNOVATION**  
RELIABILITY

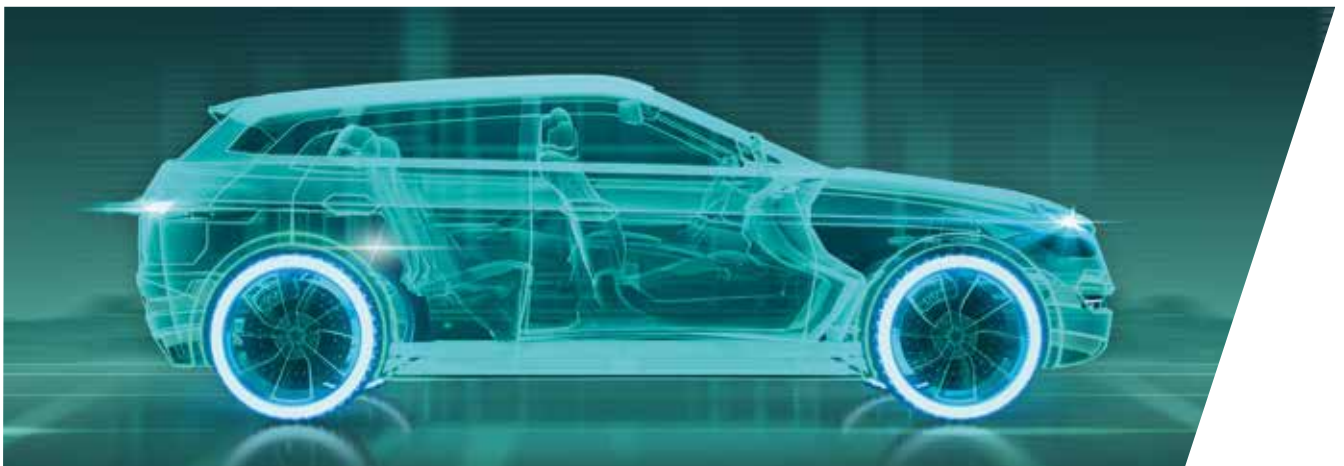


| TOOLSHOP | FINE BLANKING

# THE GROUP



**MALVESTITI**GROUP  
OUR INNOVATION, YOUR SUCCESS



**DIFFERENT APPLICATIONS BUT COMMON CHARACTERISTICS:  
PRECISION, DURABILITY AND SAFETY**

OUR  
EXPERIENCE  
SINCE  
**1945**



AUTOMOTIVE



ELECTROMECHANICAL



HOME APPLIANCES



INDUSTRIAL



HEAVY DUTY



MICROMOBILITY



OTHERS

# OUR DIVISIONS



## MALVESTITI SPA AND ITS DIVISIONS

Four divisions and three company laboratories, two for parts dimensional control and a fully equipped metallography laboratory to analyze the structure of materials are just some of the tools that Malvestiti Group puts at the service of its customers. The rest is done by research and development processes and an approach that unites each division: quality is everyone's responsibility.

### TOOLSHOP

One of the largest tool shops on the European market. Division specialized in the design and construction of precision tools for internal production and for the external market.

### FINE BLANKING

Production of high precision mechanical characteristics parts that allow to reduce to a minimum or even eliminate expensive machining.

### LAMINATION

High-speed blanking process that ensures versatile processing, directly on the machine, for the production of components such as stators and rotors for electric motors, a market that is booming today.

### CONVENTIONAL BLANKING

Blanking of complex components, optimized in a single stamping process, for various sectors, from electromechanical to automotive, up to the sector of small electrical contacts.



### COLLABORATION WITH MIM

Since 2011, Malvestiti Group has been actively collaborating with their joint venture partner company based in Chennai, India called Mudhra Fine Blanc Pvt Ltd, a key supplier of components to Indian and Global Tier-1s based in India, for both automotive and non-automotive applications. Besides their core areas of fine blanking and stamping, Mudhra is also developing the lamination stamping activity in Chennai, considering the strong market opportunity in India.

### PARTNERS

Unity is strength. This is why over the years Malvestiti Group has selected a small group of highly reliable partners for the design and construction of tools for the processing of thermoplastic and thermosetting resins intended for the production of high-precision components, and in the sheet-metal forming sector, paying particular attention to deep drawing tools.

### COMMERCIAL OFFICES

In addition to the production hubs, Malvestiti Group's operations in the world are ensured by a global network of commercial offices.



**MALVESTITI** SPA  
**TOOLSHOP**



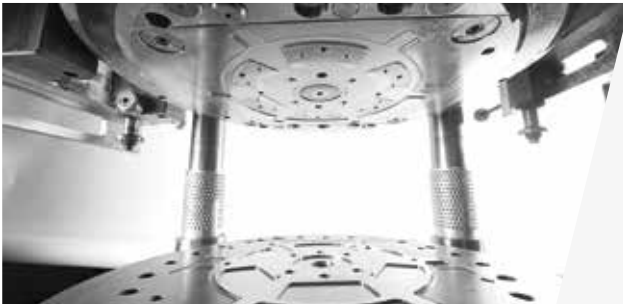
## | TOOLS AND TECHNOLOGY

The core division of the company, specializing in the design and construction of precision tools for internal production and for the external market. Over the course of its long history, this division has acquired all the skills necessary to conceive, develop and optimize blanking technology and serve all company business units. To date, it can be considered one of the largest tool shops on the European market.



### **ELECTRIC MOTOR LAMINATION TOOLS**

Tools for blanking rotors and stators for electric motors in the EV, automotive, micro-mobility sectors and all non-automotive sectors, such as civil and industrial applications.



### **FINE BLANKING TOOLS**

Tools for the automotive market (for example seat recliners, engine distribution systems), heavy duty, textile, electrical sectors, etc.



### **PROGRESSIVE TOOLS**

Progressive tools for the automotive, electronics, industrial, micro mobility, Easy Open lids sectors, etc.



**MALVESTITI** GROUP  
OUR INNOVATION, YOUR SUCCESS

**EFFICIENCY, ENVIRONMENT,  
AND ORGANIZATION:  
THE QUALITY OF MALVESTITI GROUP  
BECOMES EXCELLENCE**





## CO-ENGINEERING

Thanks to the synergy of all internal departments, from the Toolshop to the production division, Malvestiti ensures the best design and advanced co-engineering services by coordinating several professional figures internally within a single flow oriented towards continuous improvement.

## OUR DEPARTMENTS

The heart of our know-how, from tool design to testing, including all required machining operations.

### TOOL ENGINEERING

Design of tools using 2D and 3D CAD software, creation of blanking simulations with dedicated FEM software, feasibility studies, and possibility of co-designing the product with the customer.

### TOOLS MANUFACTURING

Fleet of machines divided into technology centers in order to maximize skills in each individual area by using the most innovative technical solutions available on the market, thus ensuring the highest quality level of our tools.

### TOOLS ASSEMBLY AND MAINTENANCE

Highly specialized personnel dedicated to the assembly of new equipment, ordinary and extraordinary maintenance of all types of tools.



In order to describe our commitment to ongoing excellence, it is not enough to list the certifications obtained by our group, such as ISO 9001 for the quality management system, IATF 16949 for the automotive sector, and ISO 14001 for proper environmental management.

Rather, it is a commitment that we carry forward by investing in the best three-dimensional, contact and optical measuring machines and in the latest-generation of dedicated software, in IT supports for statistical process control (SPC), and in the most advanced tools



**MALVESTITI** SPA  
FINE BLANKING



## WHAT IS FINE BLANKING?

It is a blanking process capable of producing highly precise, orthogonal cutting surfaces with limited surface defects. Expensive machining with chip removal operations are thus reduced or even eliminated. The blanking process makes it possible to work materials with thicknesses ranging from a few tenths of a millimeter up to 15 mm and with high mechanical characteristics.



for detecting physical/mechanical characteristics. A quality that can also be seen in the details such as the decision to install the metrological room in a separate environment from the production areas so that a constant temperature can be guaranteed that is always under

control for a measurement in the name of precision. But tools alone are not enough. That is why our quality control engineers ensure constant cooperation with customers. Only in this way can quality be transformed into excellence.



## ADVANTAGES

PRECISION  
QUALITY  
COST-EFFECTIVENESS



## OUR DEPARTMENTS

Malvestiti is equipped with one of the most complete fine blanking departments, capable of meeting all customer needs thanks to the range of presses available, production flexibility and internal optimization of dies.

The fleet of presses is of the latest generation with feeding systems optimized to manage every thickness and quality of raw materials. The presses are served by automatic systems for extracting and unloading pieces, as well as handling bins with AGVs.

Each plant is monitored by the MES system and production and traceability data are managed by the ERP system.

### FINE BLANKING

Presses from 160 T to 1,550 T with additional forces for the production of parts with the simplest or very complex geometries (half-blanking on several levels, bends, coining).

### MAINTENANCE

Dedicated maintenance department with highly qualified personnel to carry out complex work on the dies.



#### ISO 9001

For organizational management requirements



#### ISO 14001

We have been compliant for proper environmental management



#### IATF 16949

For the automotive sector



#### INTEGRATED POLICY

Customers, environment, safety and social responsibility



#### **MALVESTITI SPA**

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#### **TOOLSHOP**

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#### **FINE BLANKING**

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#### **LAMINATION**

Via Figini 19 | 20835 Muggiò (MB) | ITALY | T. +39 02 618731

#### **CONVENTIONAL BLANKING**

Via Dell'Artigianato 2/4/6 | 20835 Muggiò (MB) | ITALY | T. +39 02 618731



#### **MIM | TOOLSHOP**

DP 128, SIDCO Industrial Estate | Thirumazhisai | Chennai 600 124 | INDIA

#### **MIM | FINE BLANKING & LAMINATION**

B39-40, SIPCOT Industrial Park | Irungattukottai | Chennai 602 117 | INDIA

#### **MIM | CONVENTIONAL BLANKING**

DP 73-74, SIDCO Industrial Estate | Thirumazhisai | Chennai 600 124 | INDIA

## **COMMERCIAL OFFICES**

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