



MALVESTITIGROUP
OUR INNOVATION, YOUR SUCCESS

HIGH PERFORMANCE
INNOVATION
RELIABILITY

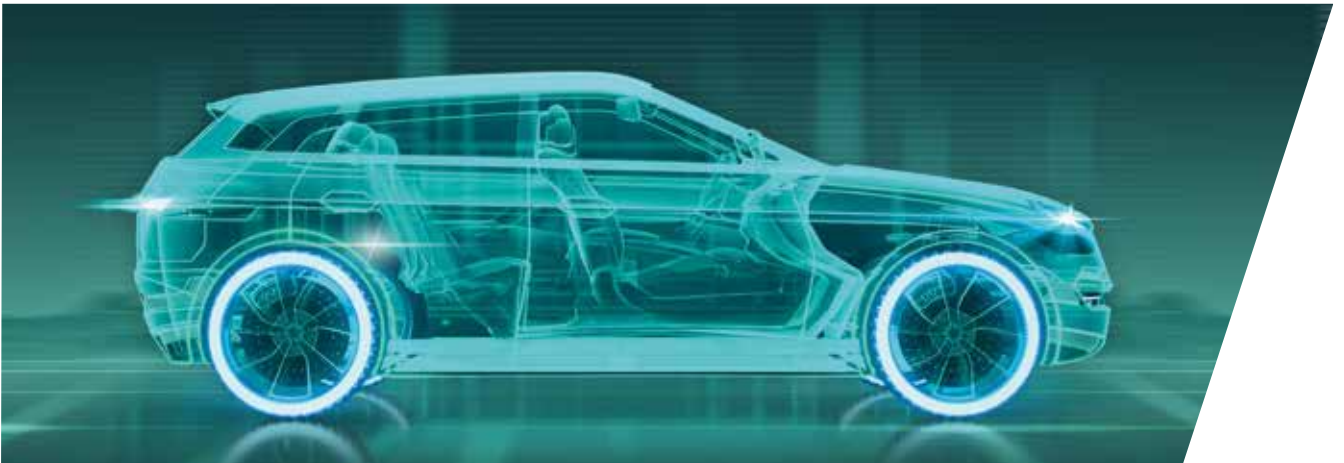


| TOOLSHOP | LAMINATION

THE GROUP



MALVESTITIGROUP
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



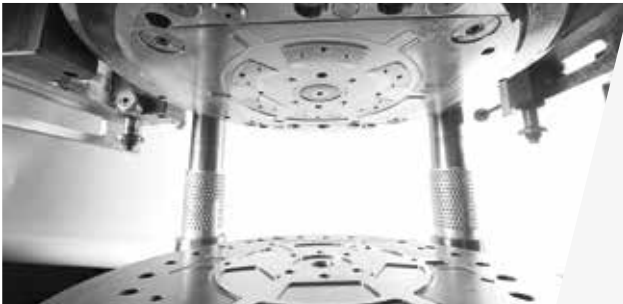
| TOOLS AND TECHNOLOGY

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

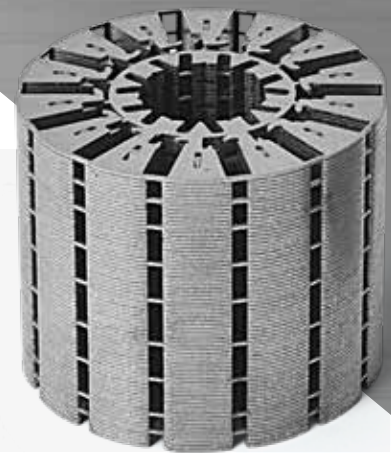
Thanks to the synergy of all internal departments, from the Toolshop to the production division, Malvestiti ensures the best design and advanced co-engineering services by coordinating several professional figures internally within a single flow oriented towards continuous improvement.

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

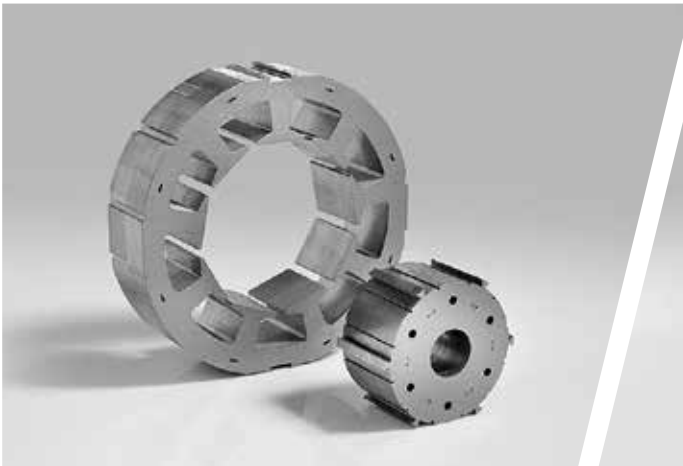


MALVESTITI SPA
LAMINATION



| LAMINATION BLANKING - TECHNOLOGY AND APPLICATIONS

This is a high-speed blanking process. The presses available are equipped with a computerized tool management system for the production of finished rotor and stator packs at programmed heights, also ensuring the rotation of laminations to compensate for the thickness error of the lamination to be blanked. In particular, the Autograf technology, developed by us in 1980, ensures versatile processing, directly on the machine.



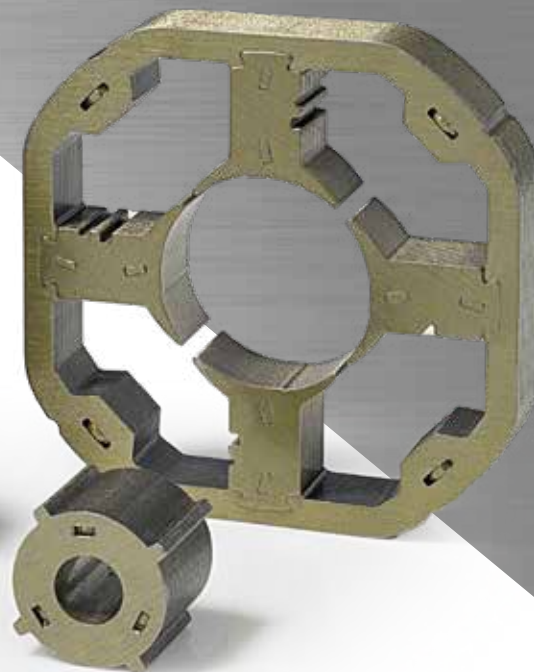
for detecting physical/mechanical characteristics. A quality that can also be seen in the details such as the decision to install the metrological room in a separate environment from the production areas so that a constant temperature can be guaranteed that is always under

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

HIGH PERFORMANCE
INNOVATION
RELIABILITY



OUR DEPARTMENTS

Strongly expanding business unit, with a continuously growing fleet of machines. The plant layout, designed and built with the automotive industry in mind, ensures the management of an optimized flow, from receipt of the raw material to the finished product, with material handling performed using the AGV system.

The fleet of presses is of the latest generation and is served by automatic systems for extracting and unloading pieces to safeguard product quality. Each plant is monitored by the MES system and production and traceability data are managed by the ERP system.

BLANKING

Presses with tonnage from 160 T to 330 T and press plate sizes up to 3,300 mm for the production of large parts such as EV motors.

MAINTENANCE

Highly qualified department able to perform a wide range of activities including regular maintenance, preventive maintenance and any key tool adjustments.



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

Via Risorgimento 205 | 20092 Cinisello B. (MI) | ITALY | T. +39 02 618731 | info@malvestiti.com

TOOLSHOP

Via Risorgimento 205 | 20092 Cinisello B. (MI) | ITALY | T. +39 02 618731

FINE BLANKING

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

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

ITALY

Via Risorgimento 205 | 20092 Cinisello B. (MI) | ITALY
T. +39 02 618731 | F. +39 02 6128300 | sales@malvestiti.com

FRANCE

16 Rue Rivay | 92300 Levallois-Perret | FRANCE
T. +33 (0) 1 41 40 16 11 | M. +33 (0) 6 07 50 00 85 | salesfrance@malvestiti.com

GERMANY

Virchowstr. 55 | 66424 Homburg | DEUTSCHLAND
T. +49 (0) 6841 176778 | M. +49 (0) 175 9332431 | salesgermany@malvestiti.com

INDIA

B39-40, SIPCOT Industrial Park | Irungattukottai | Chennai 602 117 | INDIA
salesindia@malvestiti.com