

PASSION
FOR PRECISION



MARPOSS

Market

**Marposs
Supplier
of precision
measuring
equipment to industries
worldwide.**

Main customers:

- machine tool manufacturers, who include Marposs products on their machines;
- gauging station manufacturers, who purchase measuring components, to supply stations for end users;
- end users.

WE SUPPLY SOLUTIONS AND CUSTOMER SERVICE

MEDICAL

Products

• APPLICATIONS FOR MACHINE TOOLS

Part Measurement: in-process gauges and touch probes; post-process gauges and plugs for interoperational or final inspection.

Tool Control: contact and non-contact (laser) systems for tool measurement monitoring and compensation.

Machine and Process Monitoring: grinding wheel balancers; sensors to control force, power, vibration, noise, displacement; part, die and tool deformation.



GLASS

AEROSPACE

GLOBAL SUPPORT ANYWHERE IN THE WORLD

GAUGING COMPONENTS, COMPUTERS & SPC

Probes and measurement transmission systems: mechanical components and transducers required to make the measuring equipment.

Indicators and display units: mechanical and electronic units to elaborate and display the measurements.

Data acquisition systems: interface boxes between the transducers and the industrial PC which processes the measurements.

Signal converters: equipment to convert the transducer signals before the electronic unit which processes the measurements.

SPC and quality control software: software for statistical process and quality control.



• AUTOMOTIVE

ENERGY •

CUSTOMER SATISFACTION

• MANUAL GAUGING SYSTEMS

Bore gauges to measure inside diameters size, simple geometries and countersink diameter and depth.

Snap and ring gauges to measure outside diameters size and simple geometries.

Special hand held gauges customized for specific cases where standard solutions do not fit.

Go - no go fixed gauges for checking inside and outside smooth diameters, threads, grooves, cones, key ways, chamfers, radii, and so on.

Masters and master gears for zero-setting measuring instruments.

• ASSEMBLY & LEAK TEST

The **leak tests** are used to find out possible leaks due to non suitable material (porosity, blowholes, cracks), or in the machining process to find out machining errors or defective parts, and finally during the assembly to find out missing or defective gaskets, wrong positioning or assembly.

The **functional checks** simulate the operation for the characteristic of use, thus ultimately guarantee the integrity of the parts that underwent the test and the good functionality of the product.

ON IS OUR TOP PRIORITY

GAUGING BENCHES AND MACHINES

Gauging fixtures for measurements either by attributes using pins or by variables using mechanical or electronic gauges like dials, pencil probes or electronic plugs.

Modular Quick Set™ benches for shaft-like or for ring-like components, easily retoolable by the customer.

Flexible benches / machines for semi-automatic/automatic inspection of shaft-like components within a given range.

Dedicated benches customized for specific part types, with manual part load/unload and either manual or semi-automatic cycle.

Dedicated machines customized for specific part types, with fully automatic part handling and gauging cycle.

Gauging stations for assembly for lines where parts are matched through selective assembly.

Checking stations for production lines, where interoperational functional inspections are required.



*We supply precision
measuring,
inspection and
process control
systems for use in
workshops during
and after machining*

History

1952

COMPANY ESTABLISHED

Marposs was established in Bologna in 1952 by Mario Possati (1922-1990). The idea behind the company was to produce and market an innovative electronic device for gauging during grinding operations.



Marposs Group, a leader in its sector, supplies high precision measuring, inspection and process control systems to industry worldwide. Ranging from simple products for a single measurement on a component, to “turnkey” machines and fully automated production lines. The company produces equipment capable of measurements below one thousandth of a millimetre in the

comfortable ambient conditions of a metrology laboratory and in harsher workshop environments, along production lines and on machine tools. The Group invests in human resources and advanced technologies. It is committed to supplying top quality innovative products and applications developed by working closely with its customers and through simultaneous engineering.

FIRST FOREIGN OPERATIONS

1962

Having gained a good share of the domestic market, the company opened its first foreign subsidiary, in Germany.

NEW OPERATIONS IN THE USA

1963

In the early '60s steps were taken to guarantee technical and after-sales support in countries that were major importers of Italian machine tools. Several important countries got their own Marposs companies: Germany (1962), Switzerland (1963) and the United States (1963).

**MARPOSS HAS A
DIRECT PRESENCE
WITH ITS OWN SALES
AND SUPPORT
ORGANIZATIONS IN
24 COUNTRIES AND
REGIONS, AND IN
ANOTHER 10 COUNTRIES
IT USES A NETWORK
OF AGENTS AND
DISTRIBUTORS**

U.S.A.

Marposs Corporation
Millennium Automation Inc.
Control Gaging Inc.
FL Tool Holders LLC

CANADA

Marposs Canada Corporation

BRAZIL

Marposs Aparelhos Eletrônicos
de Medição Ltda.

MEXICO

Marposs S.A. de C.V
MAM Marposs Aerospace Mexico S.A. de C.V

OPENING OF JAPAN OPERATIONS

1970

In 1970, after 18 years in business, Marposs opened in Japan: this decision marked the start of penetration of the Asian market.

1986

BRANCH OFFICE IN HONG KONG, CHINA

During the '80s and '90s Marposs extended its direct organisation in several strategic markets, strengthening its presence in the East.



START OF ACQUISITION PROGRAMME

2000

After the year 2000 Marposs embarked on a policy of acquiring established, well-structured firms, each capable of supplying a top quality product in its field.

Even after the acquisitions, Marposs continued with its own sales and support network.

30

key acquisitions since 2000

94%

exports

more than 80

exhibitions every year

present in

34

countries

more than

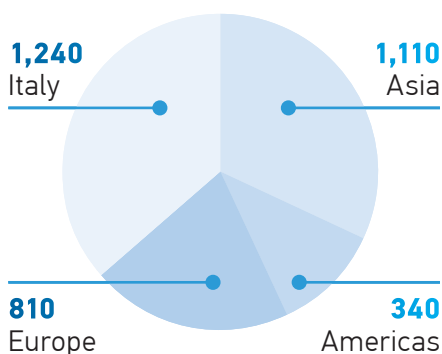
80

offices worldwide

approx.

3,500

employees



1992

34 prizes and awards
between 1992 and today

The Group in figures





RESEARCH AND DEVELOPMENT (R&D)

Marposs invests around 8% of its resources in Research and Development and participates in international research programmes with various partners. Continual improvement is necessary to allow Marposs to continue in its world leadership in the design of gauging systems.



METROLOGY LABORATORIES

At our factories, Marposs has several metrology laboratories, accredited as calibration centres with international standards.



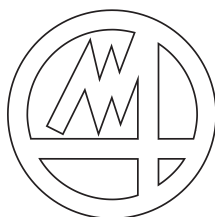
TEST LABORATORY

Durability tests, materials verification and tests in extreme environmental conditions are carried out in order to guarantee and improve product quality.



PRODUCT AND AFTER-SALES SUPPORT QUALITY

A team of specialized engineers located in our global service network are able to support and assist Marposs Customers all over the world.



MARPOSS
www.marposs.com