

# FIM VALVOLE

## MICRO SOLENOID VALVES



ITALIAN QUALITY AND FLEXIBILITY



Quality and Flexibility  
at client's service.

Design, development and manufacturing of solutions at 360°





Since its incorporation in 1995, FIM Valvole srl has been able to quickly establish itself as a leader in the production of pneumatic microvalves in European, American and Asian markets.

The success is the result of the company's determination and willingness to commit on a daily basis to deliver to our clients quality and flexibility with a complete service to better satisfy their expectations, using Italian suppliers and workforce. Our technical department is supported by experts in pneumatic systems and solutions.

We can offer specialised services from design to development and manufacture of dedicated solutions starting from tooling, technopolymer moulding and electronic circuits.

Every phase is carried on inside FIM structure, so to ensure high quality production and professional control, both vital to face present and future fast paced markets.

Our complete and automated equipments grant production capacity and production times in line with the most common just-in-time requirements of our clients.



MODULAR SYSTEM  
PATENTED IN 1996



MISSION  
*"Excellence is a perpetual process"*

VISION  
*"Creating labour and products in Italy"*



Focus to results, attention to client, leadership and commitment, process driven management, team building, continuous improvement, innovation, cooperation and social responsibility.

FIM considers world class industrial production an environment in constant evolution, dynamic and creative.

The difference between a high-end productive industry and a mid-end one is not only technological, the real difference stands in management and human resources.

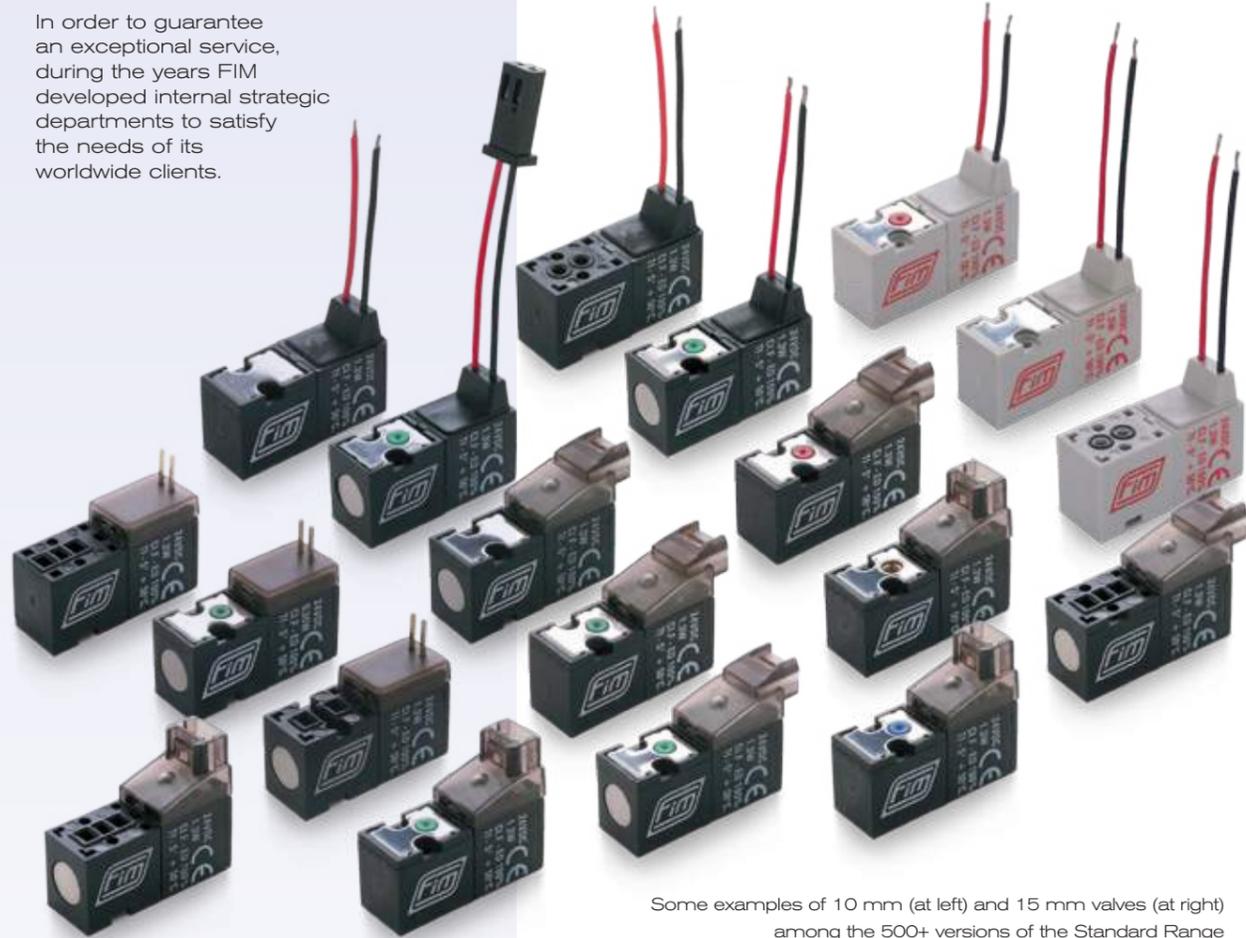




# THE COMPANY

*An Italian reality at your service*

In order to guarantee an exceptional service, during the years FIM developed internal strategic departments to satisfy the needs of its worldwide clients.



Some examples of 10 mm (at left) and 15 mm valves (at right) among the 500+ versions of the Standard Range

### Management Departments:

- General Management
- Commercial Management
- Administration Management
- Project Management
- Manufacture Management
- Research & Development
- Quality Control & Assurance
- Supplier Management
- Clients Relationship Management



**Divisione TPL**  
Tooling design, moulds manufacturing and injection moulding

### Production Divisions



**Microvalves Production**  
(Standard - OEM agreements)



**Divisione PMX**  
Electronic PCB and connectors production



# MICROVALVES

*10,000 sq.m. plant and a yearly production of 5 million electrovalves*



FIM's microvalves are chosen and used by world leading companies: quality, reliability, performance, customisation, precision in deliveries are our strengths.

## Standard Range

Over 500 versions and models

### Automation and robotics

- Automatic coil winders
- Soldering robots
- Assembly systems
- Automatic 100% end-of-line testing





# SPECIAL PRODUCTS

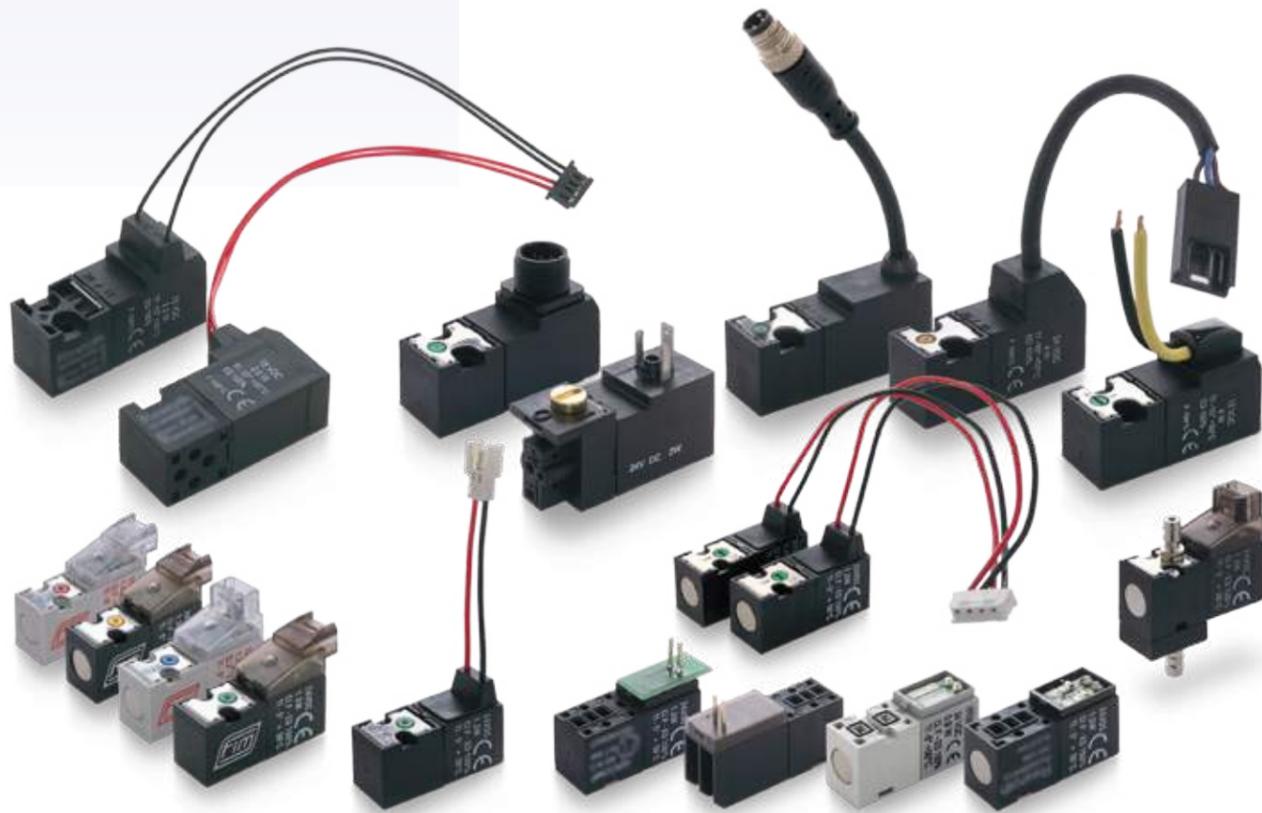
### FIM and OEM products:

In order to grant the necessary customisation and flexibility to EOM products, FIM invested in qualified specialists.

More than 30 people, on a total headcount of 120, are dedicated to OEM products.

## Customised range for OEM clients

*Over 100 products custom designed and manufactured*



FIM Valvole has been chosen by national and world leading companies.

# INTEGRATED SOLUTIONS



## Custom systems for specific applications

### Manufacturing flexibility:

- CNC machines
- EDM and WEDM
- Injection moulding machines
- Assembly Robots
- Automatic Testing Machines

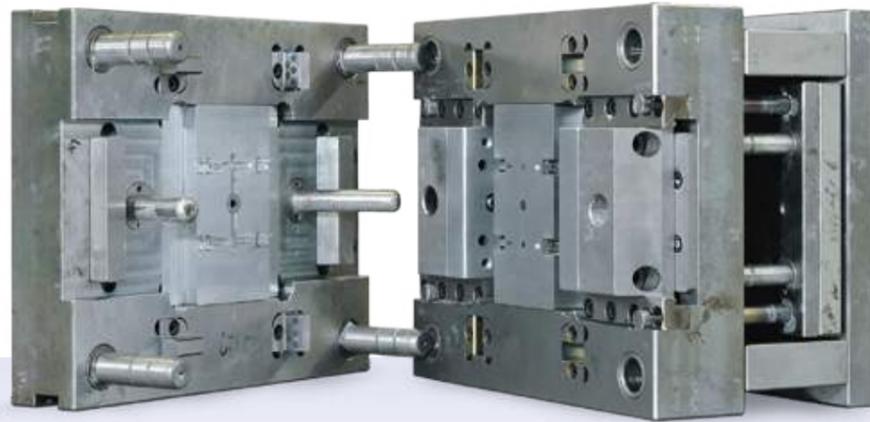


DIVISION



# TOOLING AND MOULDING

*Design and manufacturing of tools, injection moulding of technopolymers for medium-small and miniaturised technical components.*



**TPL division offers to our clients**

- Internal design centre
- Expertise and flexibility
- State of the art CAD/CAM technology
- 2D and 3D software

**FIM uses and grants**

- Last generation injection moulding machines with treating, conditioning and advanced controlling systems
- Wide range of thermoplastic materials
- High quality technopolymers



DIVISION



# CONNECTORS AND ELECTRONIC CIRCUITS

*Design and assembly of PCBs, manual soldering, infrared soldering, induction soldering, wave soldering, SMT and THT technologies*



FIM, in order to satisfy its clients constantly focusing in obtaining complete products both in Italy and abroad, created the PMX division which is specialized in designing and manufacturing of electronic circuits.

FIM's design and manufacture are completely autonomous, so to satisfy the requirements of flexibility and customisation of today's markets

All of our manufacturing is Lead Free and ROHS, REACH and RAEE (WEE) compliant.



**PMX equipments**

- Automatic Pick & Place machines
- SMD convection oven
- Wave soldering machine
- Automatic crimping machines
- Soldering / desoldering stations
- Cables cutting and stripping
- PUR / Epoxy dosing





# FIM IN THE WOLRD

*Proud to export made in Italy products*

## MARKETS



Some applications of our products



industrial automation



dental instruments



textile machinery



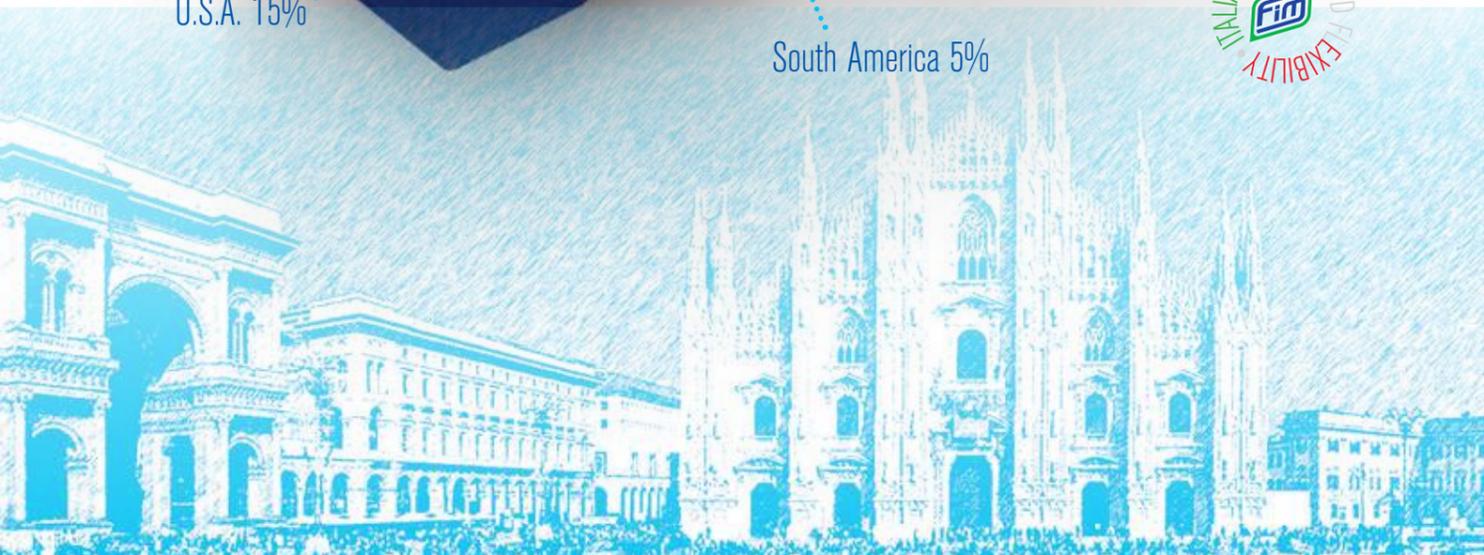
aerospace



oxygen therapy



medical devices



# dynamism



Fim is in pole position in its sector:

- reliability in the long run
- top-level performance
- extreme working environments
- absolute dynamism and control

# imitations

*Proud to be copied!*

FIM counts several copying attempts

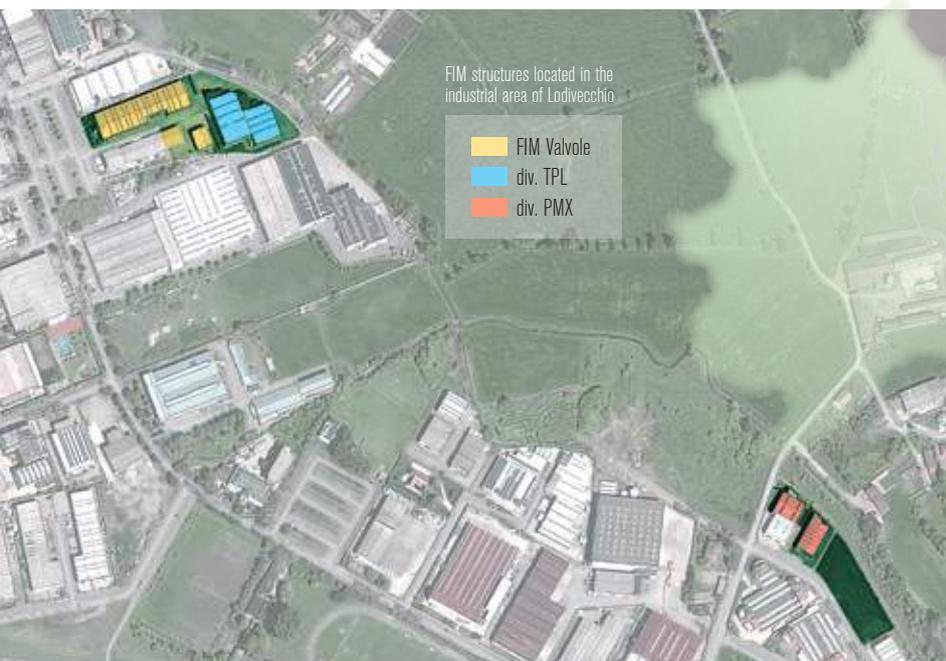
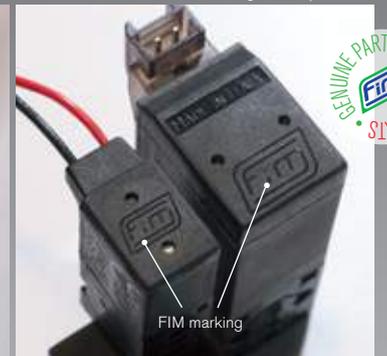
asian copies



italian copies



genuine products



FIM structures located in the industrial area of Lodivecchio

- FIM Valvole
- div. TPL
- div. PMX



Lombardy

where we are

Milan

Lodivecchio



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