

# We protect the processes of tomorrow's therapies.

The partner behind life  
science manufacturing.



# The partner behind the processes your therapies depend on.

Industries  
we serve

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Pharmaceutical  
Biotech  
Cosmetics  
Food & Beverage  
Microelectronics

1912

first company  
established

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10

production, commercial  
and service sites worldwide

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900+

employees

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10,000+

units installed

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80

countries served

100+

modular manufacturing facilities  
delivered and in operation

At Masco Group, we understand the critical role that manufacturing plays in making therapies possible.

We bring together decades of multi-disciplinary expertise and know-how, to help you through every stage of the full manufacturing lifecycle. From initial concept to final operation, we connect Engineered Facilities, Clean Media and Process systems to offer integrated solutions that reduce complexity, increase efficiency and safeguard the integrity of your production.

Applying our services in Automation & Digitalization, CQV Consulting, Lab Services and Aftersales support, we ensure your manufacturing stays on track, ahead of regulations and consistently reliable.

With global reach and local presence, we stay close to your reality, so wherever you are, you can rely on us to bring disciplined precision to the processes your therapies depend on.

## Integrated solutions



**Engineered Facilities**



**Clean Media**

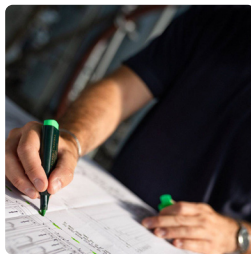


**Process**

## Services



**Automation & Digitalization**



**CQV Consultancy**



**Lab Services**



**Aftersales**

# From concept-to-commissioning of GMP manufacturing facilities.

We deliver integrated solutions for pharmaceutical and biotech facilities across the full project lifecycle. Through modularization and off-site prefabrication, we reduce complexity, accelerate delivery and enhance scalability with greater cost and schedule predictability.

## Our key strengths

- Best accessibility on the market.
- Up to 50% shorter time to market compared to traditional construction methods
- Improved control over cost, schedule and delivery quality.
- Highest number of off-site life science facilities delivered globally in 25 years
- Modular facilities designed for easy expansion, relocation, and adaptation.

25

years of heritage

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100+

modular manufacturing facilities delivered and in operation

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4,500+

high-specification pods supplied worldwide



## Capabilities

From concept to operational facility.

### Strategic consulting

cGxP consulting, Process scalability/feasibility,  
Project management

### Concept & front-end engineering

Site & plant capacity assessment,  
process concept analysis, tech transfer

### Facility & utilities design

Basic and detailed engineering

### Advanced modular & hybrid facility solutions

Off-site manufacturing

# Leaders in reliable and sustainable clean utilities solutions.

We design and manufacture compliant clean media systems, from generation to storage and distribution of Water for injection, Purified water and Pure steam, ensuring consistent quality and reliable performance in pharmaceutical and biotech manufacturing.

## Our key strengths

- Extensive range of electrically powered equipment contributing to a low-impact, sustainable operational landscape.
- Equipments IIoT READY through MDP (Masco Digital Platform) minimizing utilities consumption and maximize efficiency.
- Advanced membrane system achieving up to 95% water recovery.
- Up to 20% lower energy consumption through high-efficiency falling film technology.

**100+**

years of heritage

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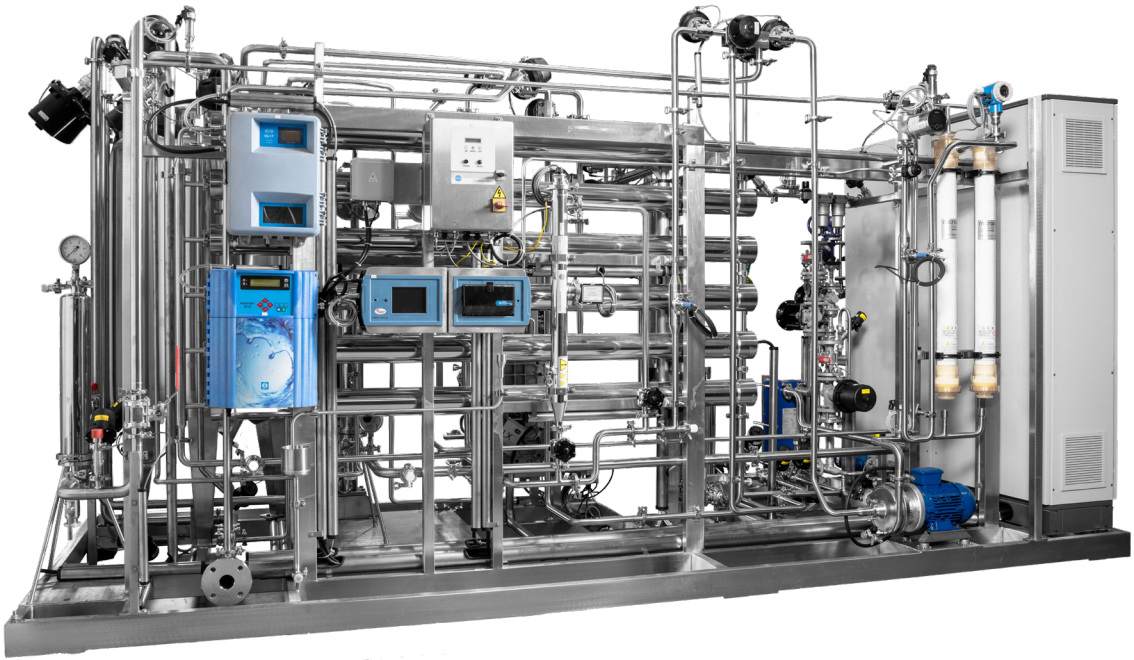
**3**

fully integrated manufacturing sites  
(Italy, North America, China)

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**~12 mln**

lt/day of WFI generated in  
the last 36 months –  
60% hot / 40% cold



## Capabilities

A unique and complete portfolio for clean media systems.

### Water for injection (WFI)

Distillation (MES,VCS) & Membrane purification (RO+EDI+UF)

### Purified water (PW)

Membrane purification (RO and RO+EDI)

### Pure steam (PS)

Ultra-pure pyrogen-free steam generator

### Pre-treatment

Multimedia filters, Microfiltration units  
carbon filters softeners

### Storage, distribution & turn-key systems

Hot, Ozone, Chemically sanitized

### Ultra pure water (UPW)

For semiconductor grade water ASTM D-5127  
type E1/1.2

# Advanced process solutions from upstream to downstream.

From concept through execution, we engineer and deliver integrated upstream and downstream bioprocess systems through a design-and-build approach that reduces complexity, accelerates delivery and ensures scalable, consistent performance.

## Our key strengths

- Consolidated supplier for all major Tier 1, CDMOs and main regional clients and A&E players.
- Proven track record in small & large molecule applications, blood plasma, food & beverage, cosmetics.
- Trusted, strategic partner ensuring minimum risk to their production and time to market plans.
- Complete turnkey process solutions, all the way from design, through to procurement & build, SAT/FAT and project handover.

75+

years of heritage

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3

fully integrated manufacturing sites  
(Ireland, Italy and US)

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3,000+

processing units installed  
and running



## Capabilities

Serving key industries across bioprocessing needs.

### Product types & applications

- Monoclonal Antibodies (mAbs)
- Antibody-Drug Conjugates (ADC)
- Active Pharmaceutical Ingredients (API)
- High Potency APIs (HPAPI)
- OSD / Drug Product Intermediates
- Parenteral formulation (SVP/LVP)
- Blood Plasma derivatives
- Hyaluronic acid
- Ophthalmic products
- Syrups and suspensions
- Creams, gels and paste

### Upstream & downstream process equipment

- Bioreactors
- Media / Buffer Prep & Hold
- Harvest Skids (Centrifugation / Depth Filtration)
- Chromatography Skids
- TFF / UF / DF Skids
- Sterile Filtration Skids (MF / UF / NF / Viral)
- Buffer Dilution Systems
- HTST Systems
- Viral Inactivation Systems
- CIP/SIP Systems
- Formulation Skids
- Bulk Drug Substance Hold Systems
- HPAPI Containment Systems
- Effluent & Bio-Effluent Treatment Systems

# Full lifecycle services across pharmaceutical manufacturing operations.

One partner. Total control across your lifecycle. Masco Group delivers integrated services, from automation and validation to lab testing and aftersales, guaranteeing operational efficiency, regulatory assurance and long-term reliability across facilities, process, and clean media. By owning the full scope, we reduce interfaces, avoid delays and keep your manufacturing running at its best.



## **Automation & Digitalization** Enabling the future of smart, connected manufacturing.

Integrated automation and digital platforms using AI, IoT, and Digital Twin to improve process performance, efficiency and enable smarter operations.

**MGA**



## **CQV Consultancy** Integrated cGMP compliance & validation services.

CQV and validation consultancy ensuring GMP compliance, from design review to qualification, data integrity and lifecycle validation maintenance.

**DOC**



## **Lab Services** Ensuring material safety & process integrity.

Specialized lab services for filter validation, E&L, and microbiological testing, reducing risk and accelerating compliant product introduction.

**MascoLab**

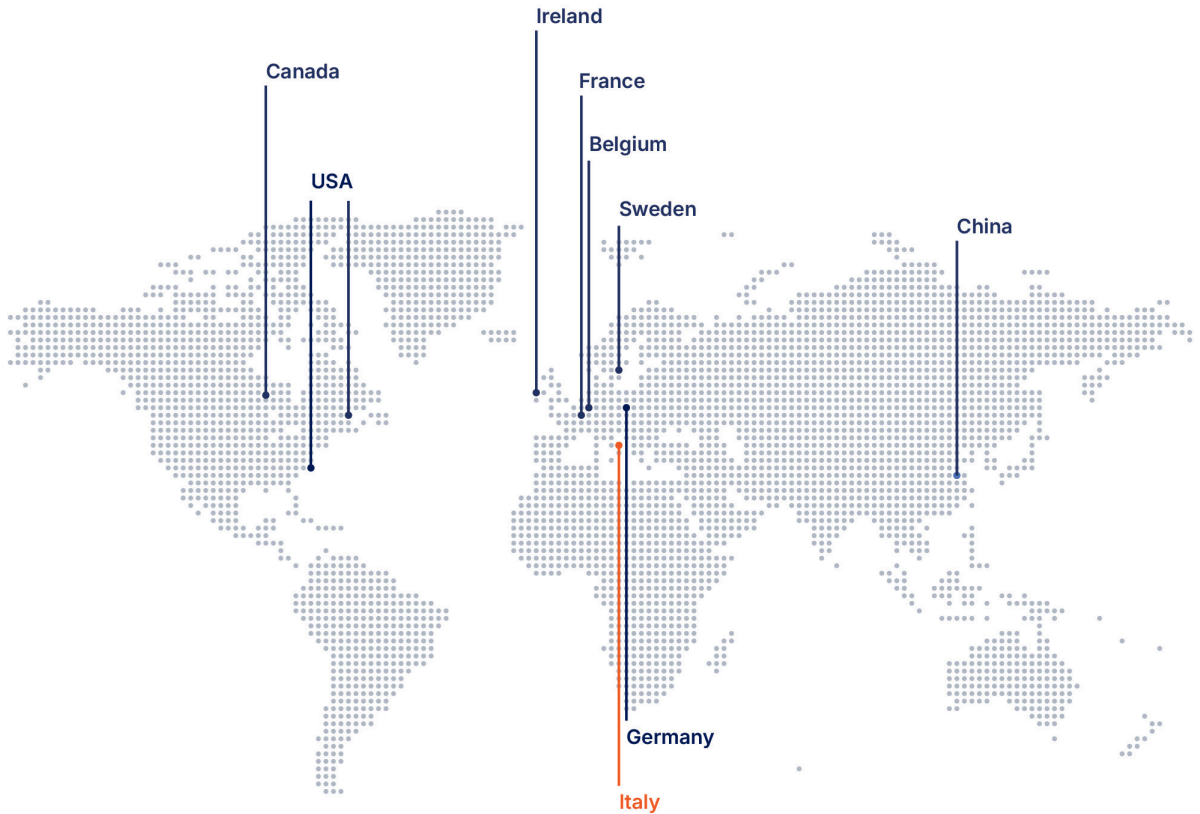


## **Aftersales** Maximizing performance. Minimizing downtime.

Comprehensive aftersales solutions combining maintenance, troubleshooting, spare parts, and revamping to ensure continuous performance and minimized operational risk.

**Masco Group**

# Global scale. Local presence.



- Headquarters
- Production site / Commercial and service office



Contact us

+39 029 508 061  
hello@mascogroup.com  
mascogroup.com

Via delle Industrie 14  
20049 Settala MI  
Milan, Italy