



# **Company Profile**

**iwt**



# ALL ABOUT CLEANING

30 YEARS OF EXPERTISE IN CLEANING SOLUTIONS

**IWT offers a complete range of cleaning solutions for the pharmaceutical, nutraceutical, cosmetic markets and related industries.**

IWT specialises in the design, development, manufacture and installation of outstanding washing solutions. Our manufacturing base in Varese, just a few kilometers away from Milan Malpensa international airport, exceeds 12,000sqm (129,000sqft) of production areas, design studios, training and showroom facilities.

Our production departments are equipped with state-of-the-art laser cutters, orbital welders and robots for processing pipes and tubular parts. The warehouse, fully automated in alignment with the most stringent cGMP traceability requirements, features full overview and management of products and materials. IWT offers in-house advanced 3D design technology and software programming capabilities to ensure complete fulfillment, in terms of quality and flexibility, of any user requirements specifications.

Our comprehensive range of cleaning solutions include FULL cGMP product contact part washers, as well as high pressure washing systems either for bulk containers in cleaning-in-place applications or cabins for bulk parts and containers cleaning-out-of-place.

Our expertise in cold decontamination methods from material transfer through physical barriers mean the decon chambers and airlock systems complement our product range by ensuring complete compliance with cleanroom standards.

You are always welcome to visit our facilities, to feel IWT passion and commitment, to learn first-hand the quality and efficiency in our daily operations.







IWT Headquarters in Casale Litta (Varese, Italy). We strive to protect our surroundings and keep our ecological footprint as small as possible.

# WHO WE ARE

70 YEARS AND COUNTING

As part of the Tecniplast Group, our story began in 1940 when Carlo Bernardini, a visionary and courageous entrepreneur, founded Tecniplast.

This is a story of a family driven by passion, commitment and dedication, of quality and expertise 100% Made in Italy.



FOUNDATION OF  
TECNIPLAST

1949

THE FIRST WASHER  
for Life Science industries

1993



1991

TECNIPLAST CREATES IWT,  
a division dedicated to the design  
and production of washing equipment



2000

CLEANING  
EXCELLENCE  
spin-off to  
better focus  
on the market

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*A sound expertise built in 30 years of activity,  
a team of dedicate, passionate and skilled  
experts, the attention to our customers' needs:  
these are the ingredients of our success.*

**Edoardo Bernardini** - IWT Managing Director



THE FIRST  
GMP PART WASHER

**2008**

THE FIRST HIGH  
PRESSURE WASHER

**2013**

2CLEAN  
IBCs and Parts Washer

**2018**

200 EVO  
GMP compact Part Washer

**TODAY**





# WHAT WE DO AND FOCUS ON

CLEANING SOLUTIONS FOR PHARMA, NUTRACEUTICAL AND COSMETIC MARKETS

IWT solutions include full cGMP products contact part washers, as well as high pressure washing systems either for bulk containers in Cleaning-In-Place (CIP) applications or cabins for bulk parts and containers cleaning-out-of-place.

Our experience in cleaning, combined with proven specific skills and know-how, are at your disposal to define together the most suitable and efficient solutions inclusive of related services (calibration, qualification and validation) to meet your specific needs.



## HIGH PRESSURE WASHERS

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## CONTACT PART WASHERS

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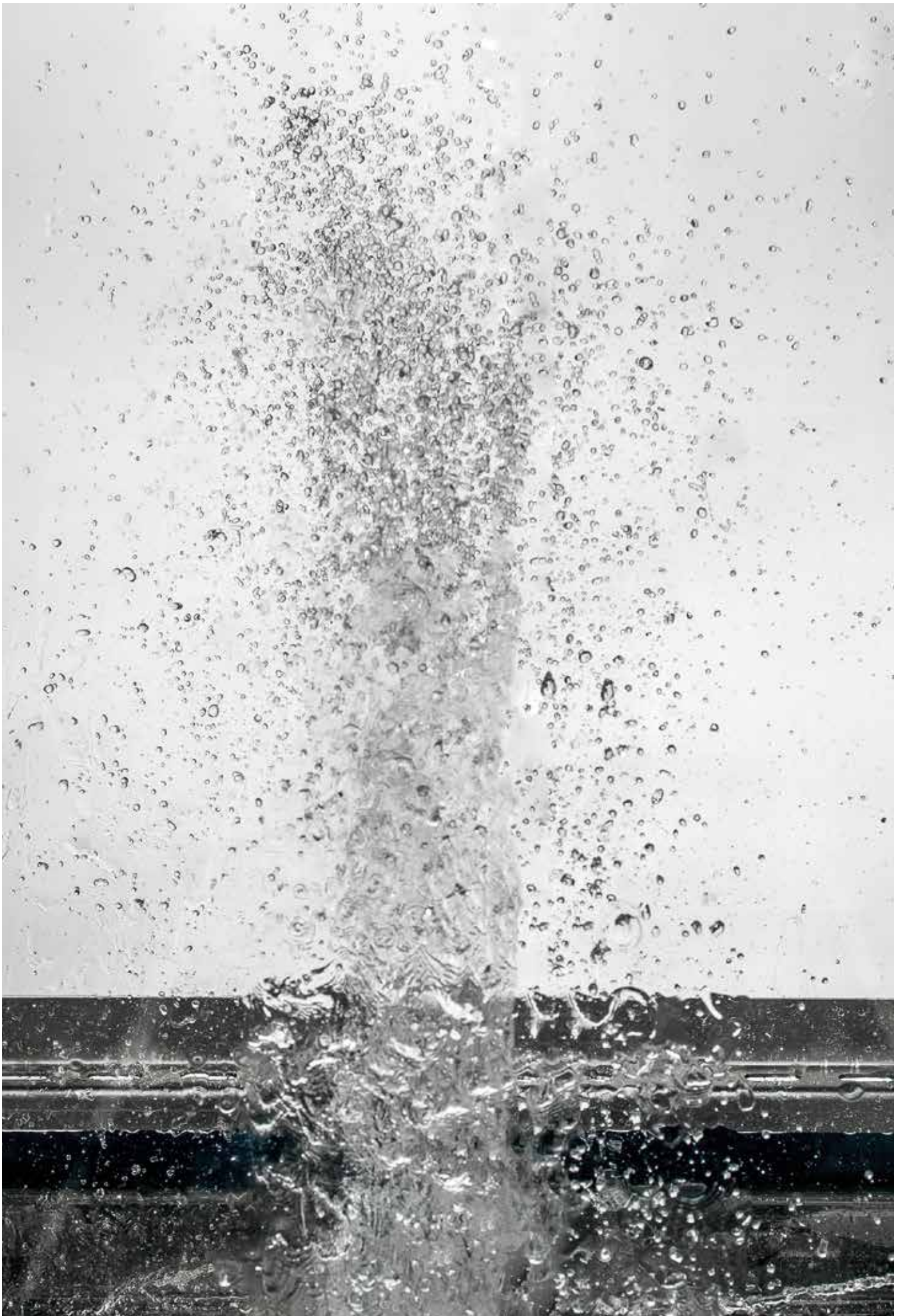
## IBC & CONTACT PART WASHERS

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## FLEXI, MODULAR AND TAILORED BASKETS

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# OUR KNOW-HOW AND CAPABILITIES

SAFE, REPEATABLE AND RELIABLE CLEANING RESULTS

IWT cleaning systems are developed in compliance with the current international guidelines and standards, while the mandatory validation process ensures the unit exceeds the most challenging user's requirement specifications.

Proper engineering with a perfect blend of performance, timing and cost, combined with a comprehensive set of services, allow us to deliver safe, repeatable and reliable cleaning results.



## COMPLIANCE

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Our mission is to deliver the finest equipment in one of the highest regulated environment's.

Our absolute focus is to achieve regulatory compliance, to accomplish the validation of both systems and processes, to install quality in every engineering phases and to exceed any safety standards.

IWT cleaning systems are developed following worldwide standards and guidelines (cGMP, GAMP5, FDA, ASME-BPE, ISPE Baseline...).



## VALIDATION

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Any validation final goal is to assure the tested equipment is built in full compliance with the users' requirement specifications.

At IWT we strongly believe that communication with our clients is the key for a successful partnership. Several protocols and documents are shared upfront in order to set clear and definitive project targets, which will constitute the bases for designing and manufacturing phases as well as benchmarks for all the commissioning activities.



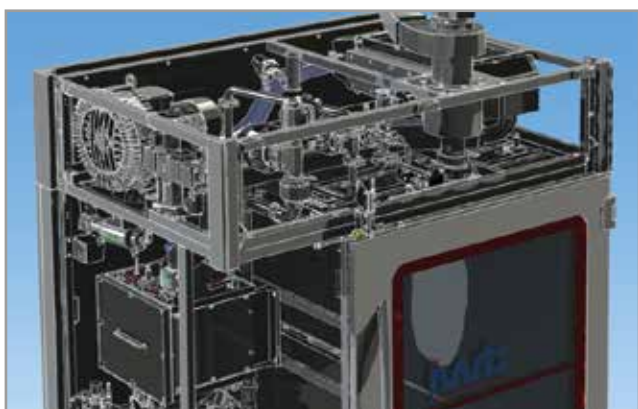
## e-FATs

### Digital Factory Acceptance Tests

When travelling is not possible for different reasons (lack of time; cost constraints; travel restrictions, etc), an e-FAT process is the perfect solution.

Thanks to the latest technologies, such as remote access via web based platforms, the customers can witness the different tests required by the protocol.

Remote FAT is a smart alternative that simplifies the process, reducing the time required for staff to be away from the office and the associated costs.



## ENGINEERING

Multiple years of experience and several challenging projects managed for the the most prestigious pharma companies result in a solid knowledge and understading of the cleaning dynamics.

The IWT expertise means delivering optimal solutions for processing product contact and format parts, tanks and drums, punches and dies, filling needles and related pumps, glass and plastic wares, and many more. All the manufactured units feature premium quality non-propetary components and long lasting equipment selected among top global suppliers.



## SERVICE

All IWT systems are designed with safety in mind for either operators and process itself.

A safe process ensures not only a clean load exceeding the QA acceptance criteria but also prevents any possible cross contamination between product batches and any microbial growth during inoperative phases. To do so, all the washing machines are designed for full cleanability, drainability and drying of chamber, pumps and piping with particular focus on the best practices in term of material and welds traceability and quality controls, design specifications and certificates.

# 100% VERTICAL INTEGRATED APPROACH

INTEGRATION, TRACEABILITY AND EFFICIENCY

One single source supplier to meet all your needs with “Made in Italy” top quality enriched by flexibility and responsiveness along the whole designing and manufacturing processes.

- ▶ Technical Department with over 35 engineers, dedicated internal R&D division, software house, risk analysis and documentation experts
- ▶ Three highly automated metal workshops specialized in S/S. Precise craftsmanship for sheets, tubulars, piping and wires
- ▶ ASME-BPE certified welders and qualified operators for inspections
- ▶ Lean manufacturing techniques applied in the full supply chain to guarantee maximum accuracy, efficiency and cleanliness for the final assembled units
- ▶ Complete traceability of materials, documents and quality control across the whole production chain (ERP and ECM systems in place)
- ▶ QA department to oversee the manufacturing conformity and internal commissioning prior any factory acceptance activities
- ▶ In-house project management, customer care and service department to ensure smooth processes prior, during and after installations



1,300sqm (14,000ft<sup>2</sup>) offices  
with CAD and Solidwork  
stations



New 1,500sqm (16,000ft<sup>2</sup>)  
metal workshops and GMP  
units assembly line



Automated warehouses and  
bar coding system for total  
material traceability



Manual welding stations for  
certified operators





Automated orbital welding  
in dedicated air-controlled  
environment



State-of-the-art laser cutting  
and bending equipment



Quality inspections performed  
by certified operators



Lean Assembly stations for  
internal commissioning and FATs

# OUR VALUES

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Sharing and promoting values that we consider important both in our private and professional lives represents the foundation and the framework of our guidelines for pursuing and offering excellence.



## INNOVATION

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We pro-actively shape any change, anticipating it, leading it and spreading it, always pursuing excellence.



## COMMITMENT

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Customers are at center of our world. We carefully listen to their needs and deliver results which, via tireless effort, always aim to exceed expectations.



## SUSTAINABILITY

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We give value to life by contributing day-by-day to leave a cleaner, safer and more sustainable world to future generations.



## INTEGRITY

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We deserve trust through endless sincere communication, indisputable accountability and mutual respect among individuals in every interaction.

Values make our life and our work valuable. We promote courage, agility, cooperation and entrepreneurial behavior to achieve common ambitious purposes.



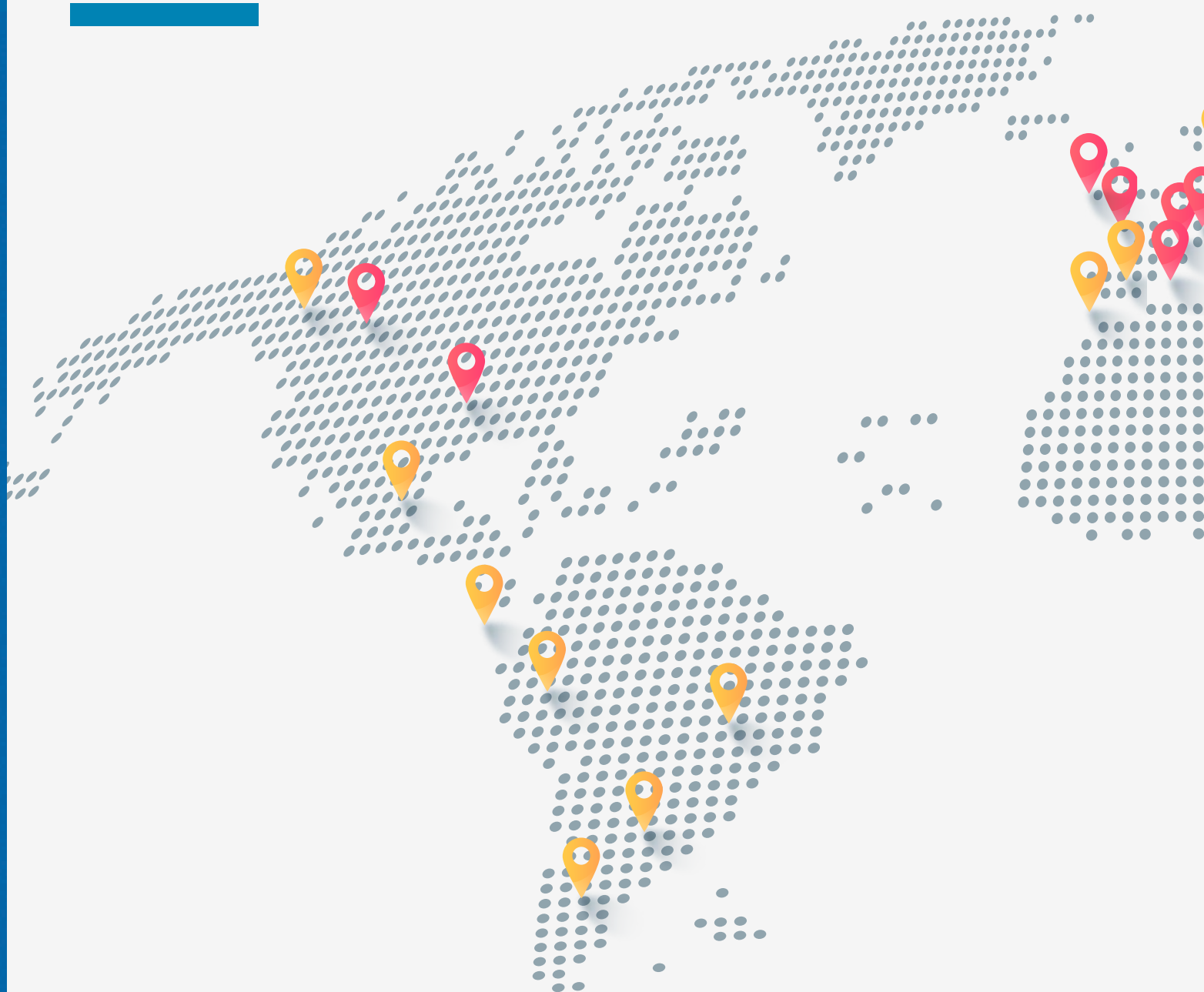


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*At IWT, we continuously improve our business operations  
always striving for innovation and evolution.  
We believe the success of our business is created  
by individual efforts, good teamwork and  
sincere communication with our clients”*

**Carlo Bernardini** - Tecniplast Group Founder

# WE OPERATE LOCALLY. **WORLDWIDE.**



IWT Headquarters and production site



Group Subsidiaries and commercial offices

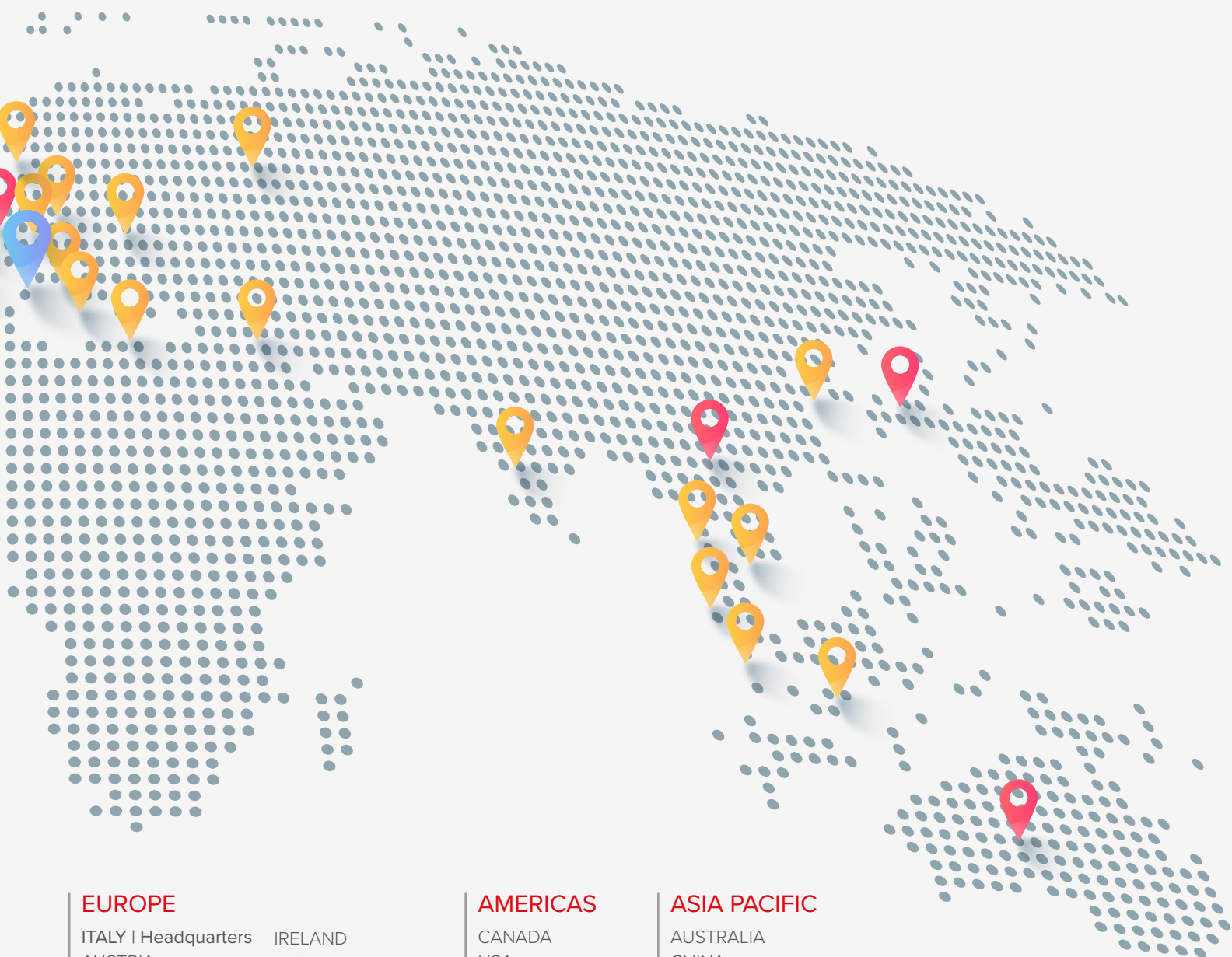


Dealers/Agents



Being a global company, as part of the Tecniplast Group, means we are well aware of the challenges the world is facing.

Our worldwide network of Subsidiaries, Dealers and Agents allows us to understand different cultures, languages and needs, thus perfectly responding to regional expectations.



## EUROPE

ITALY   Headquarters	IRELAND
AUSTRIA	LATVIA
BELARUS	MALTA
BELGIUM	POLAND
CROATIA	PORTUGAL
CZECH REPUBLIC	RUSSIA
DENMARK	SLOVAKIA
ESTONIA	SPAIN
FRANCE	SWITZERLAND
GERMANY	THE NETHERLANDS
GREECE	UKRAINE
HUNGARY	UK

## AMERICAS

CANADA  
USA  
  
ARGENTINE  
BRAZIL  
CHILE  
COLUMBIA  
MEXICO  
URUGUAY

## ASIA PACIFIC

AUSTRALIA  
CHINA  
INDIA  
INDONESIA  
JAPAN  
MALAYSIA  
SINGAPORE  
SOUTH KOREA  
THAILANDIA  
VIETNAM

**50+**

Countries

**325M**

annual Group  
turnover

**400+**

installations

**1,500+**

employees  
worldwide

# DESIGNING RESULTS



COMPANY WITH  
QUALITY SYSTEM  
CERTIFIED BY DNV GL  
= ISO 9001 =

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