



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.

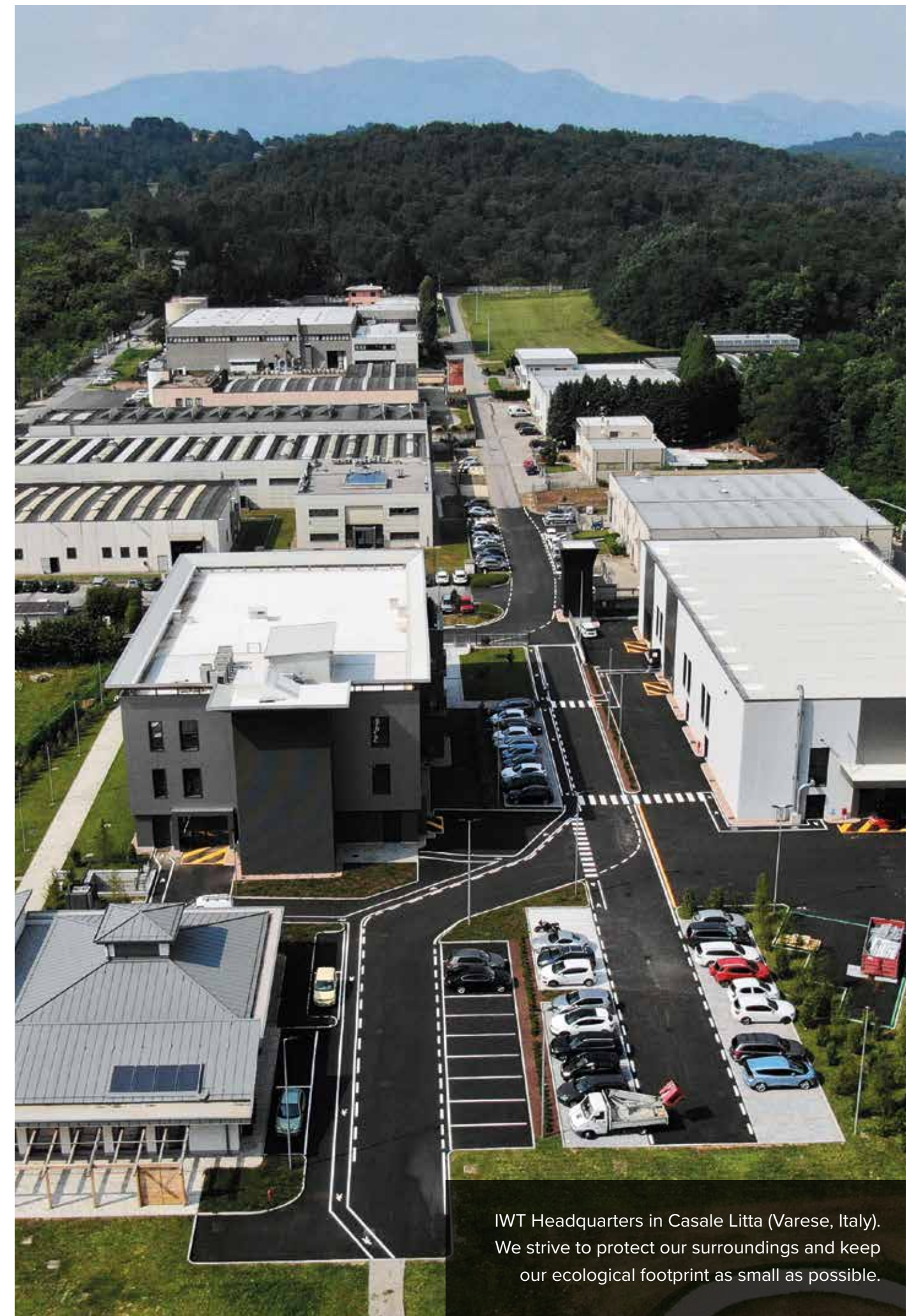
IWT specialises in the design, development, manufacture and installation of outstanding washing solutions. Our manufacturing base in Varese, just a few kilometers away from Milan Malpensa international airport, exceeds 12,000sqm (129,000sqft) of production areas, design studios, training and showroom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

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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



FOUNDATION OF
TECNIPLAST

1949

THE FIRST WASHER
for Life Science industries

1993



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

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



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

M-LINE | C-LINE | S-LINE

For bins, tanks, bulk containers and processing equipment



CONTACT PART WASHERS

200 EVO | 200 | 300 | CUSTOMISED BASKETS

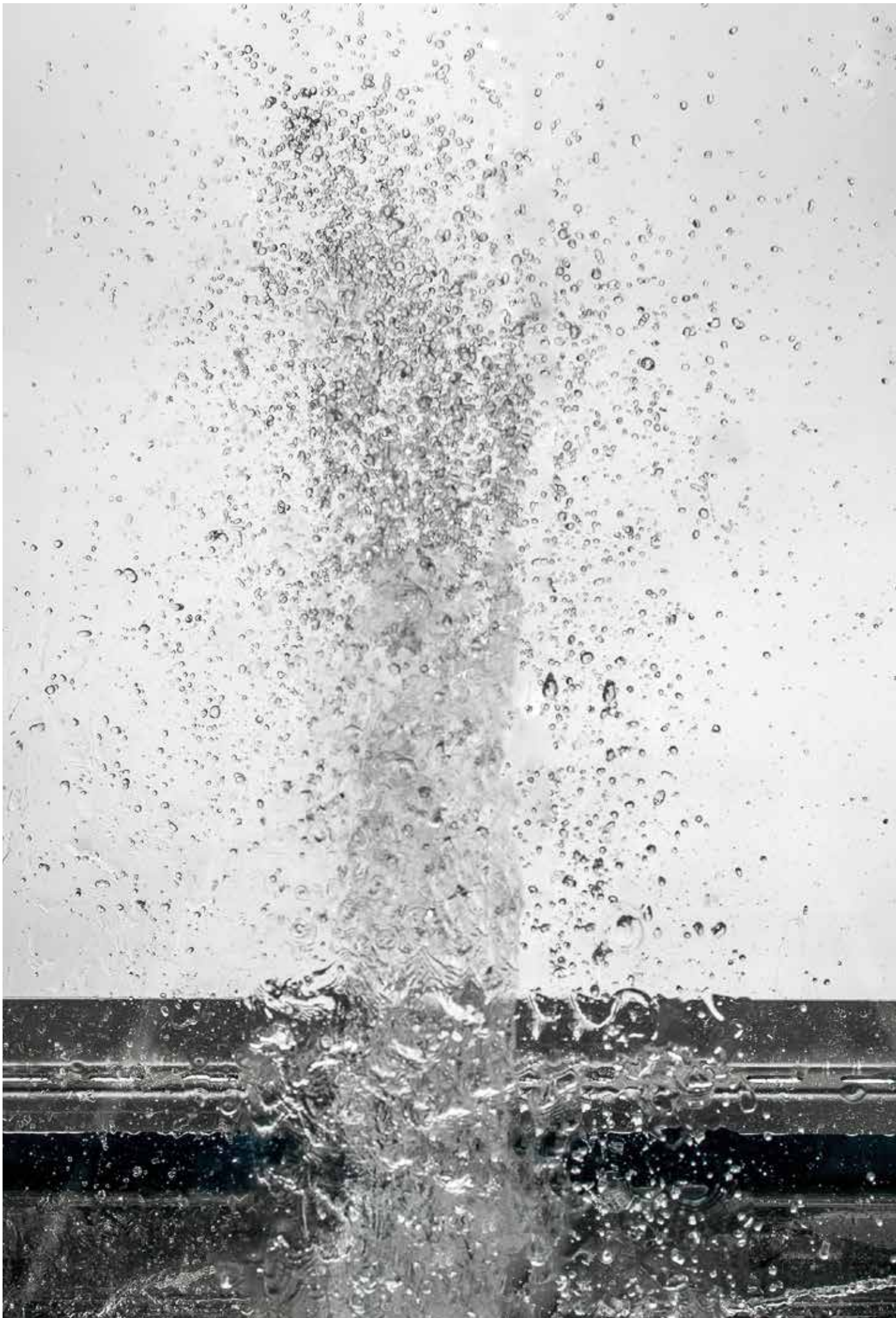
For repeatable cleaning of products contact parts



IBC & CONTACT PART WASHERS

2CLEAN

Revolutionary solutions which combine two cleaning processes in one single unit



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

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

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.

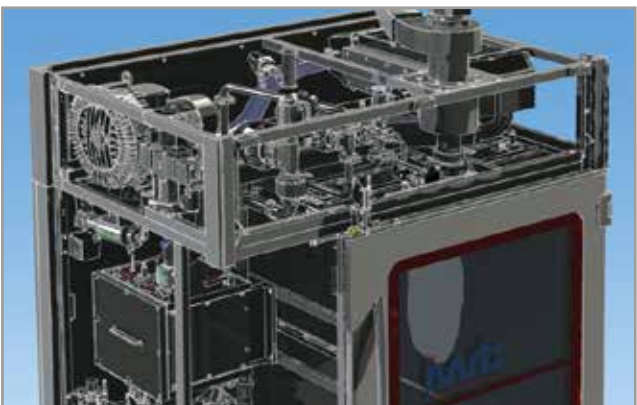
e-FATs

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 (14,000ft2) offices with CAD and Solidwork stations



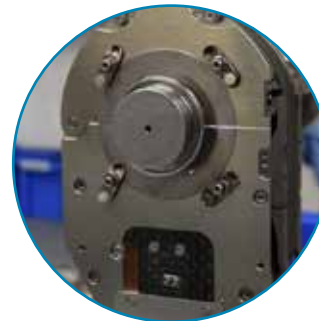
New 1,500sqm (16,000ft2) metal workshops and GMP units assembly line



Automated warehouses and bar coding system for total material traceability



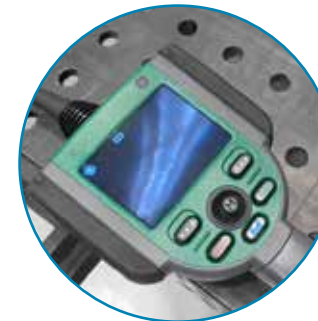
Manual welding stations for certified operators



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

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

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



COMMITMENT

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

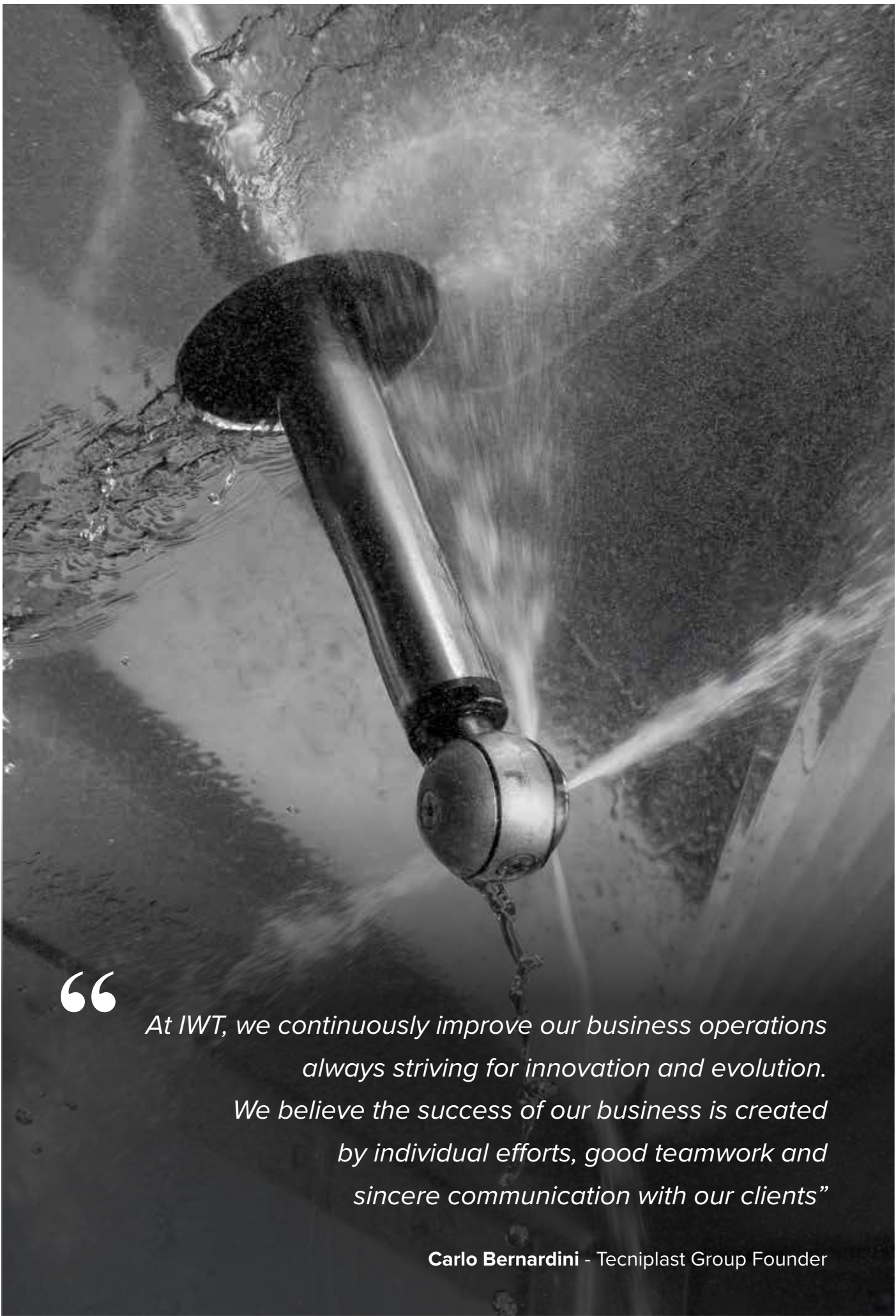
We give value to life by contributing day-by-day to leave a cleaner, safer and more sustainable world to future generations.



INTEGRITY

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.



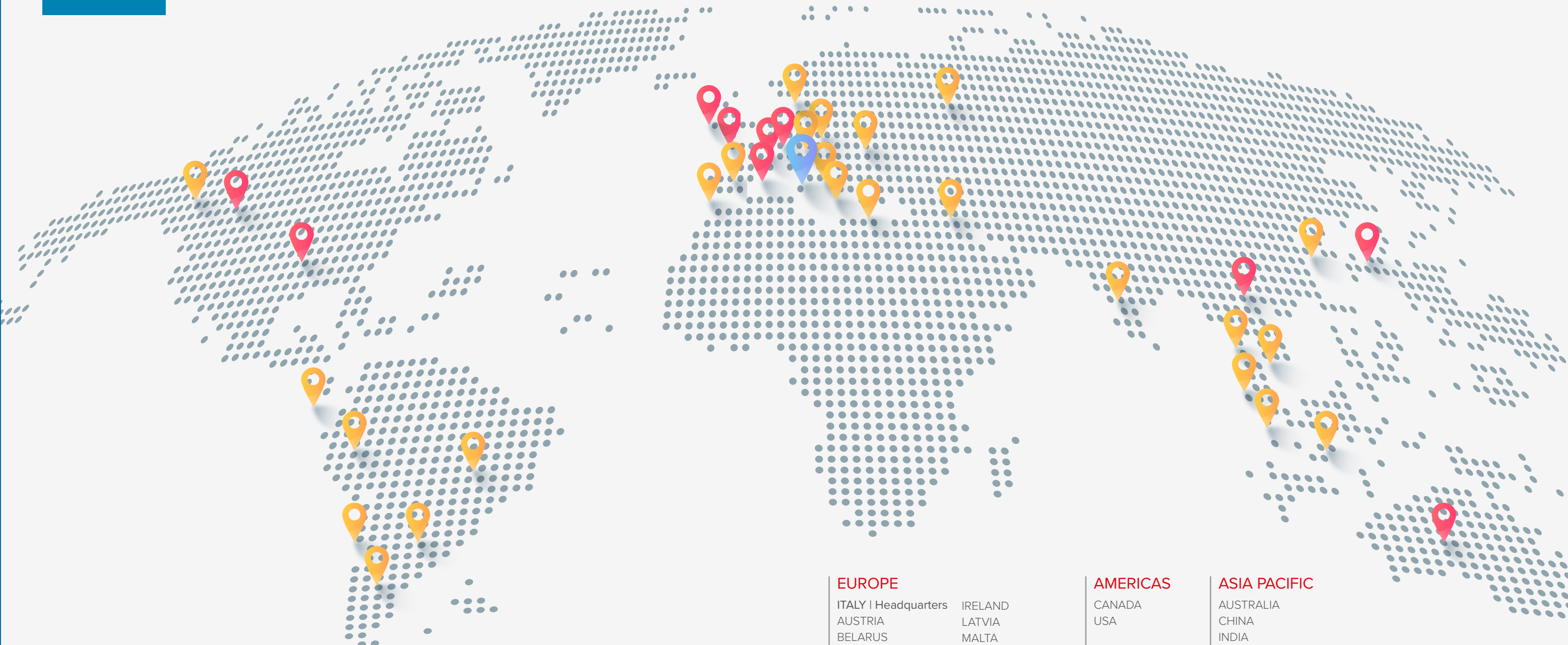
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At IWT, we continuously improve our business operations
always striving for innovation and evolution.
We believe the success of our business is created
by individual efforts, good teamwork and
sincere communication with our clients”


Carlo Bernardini - Tecniplast Group Founder


WE OPERATE LOCALLY. WORLDWIDE.


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.



**IWT Headquarters and production site**

**Group Subsidiaries and commercial offices**

**Dealers/Agents**

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

250M
annual Group turnover

300+
installations

1,000+
employees worldwide

DESIGNING RESULTS



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

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