



W-TECH

LEARN MORE

ABOUT US

W-Tech is a leading designer and manufacturer of heat dissipation solutions, based in Sasso Marconi (Bologna).

Founded with the aim of providing innovative and sustainable technologies, W-Tech stands out for its many years of experience and constant commitment to the research and development of energy-efficient products.

WHAT WE DO

We design and manufacture advanced heat dissipation systems, such as evaporative towers, condensers and coolers made of Magnelis®. With a wealth of experience and a constant drive for innovation, we develop tailor-made solutions that guarantee efficiency, compactness and high performance in industrial cooling.

THE EXCELLENCE OF CUSTOMISED COOLING

At W-Tech, innovation meets experience to create advanced solutions that redefine industry standards. Our ability to meet customers' specific needs allows us to design and manufacture tailor-made machines that perfectly meet the needs of each project. Every day, we provide our customers with highly specialised know-how and an ongoing commitment to innovation, developing systems that not only meet current needs, but anticipate future challenges.

OUR CERTIFICATIONS



OUR COMPETITIVE ADVANTAGES

01

DESIGN, ASSEMBLY
AND TESTING TOTALLY ARE CARRIED
OUT ENTERILY IN-HOUSE

02

APPROPRIATE SOLUTIONS FOR
EVERY SECTOR

03

CUSTOMISATION POSSIBILITIES
THANKS TO A COMPREHENSIVE LIST
OF OPTIONAL EXTRAS

04

FAST COMMUNICATION AND RELIABLE
DELIVERY TIMES

05

DURABLE AND INNOVATIVE
MATERIALS FOR A LONG
INVESTMENT LIFETIME

06

STATE-OF-THE-ART QUALITY OF ALL
COMPONENTS USED

07

WIDE RANGE OF PRODUCTS AND
SOLUTIONS

08

RELIABILITY AND COMPETENCE OF
STAFF

GOALS

SUSTAINABLE, ECONOMIC AND EFFICIENT SOLUTIONS

WORLDWIDE

FOR ALL TYPES OF INSTALLATION

FOR EVERY CLIMATE

FOR ANY KIND OF REQUEST

PRODUCT RANGE

- EVAPORATIVE TOWERS
- EVAPORATIVE COOLERS
(WET & DRY)
- EVAPORATIVE CONDENSERS
(WET & DRY)
- TRADITIONAL AND ADIABATIC DRY COOLERS
- W-CARE (WATER TREATMENT)
- SPARE PARTS
- MAINTENANCE AND SERVICE



BUSINESS AREAS

01

INDUSTRIAL REFRIGERATION

03

INDUSTRIAL SECTORS: ENERGY AND COGENERATION, CHEMICAL, PHARMACEUTICAL, METALLURGICAL, FOOD, OIL & GAS.

02

HVAC

04

ALL SECTORS WHERE THERMAL CONTROL OR COOLING IS ESSENTIAL TO ENSURE PROCESS EFFICIENCY.

PARTICULARITIES CONSTRUCTION - MATERIALS

W-tech machines are designed for durability and maximum performance even in demanding environments, thanks to the exclusive use of highly corrosion-resistant materials.

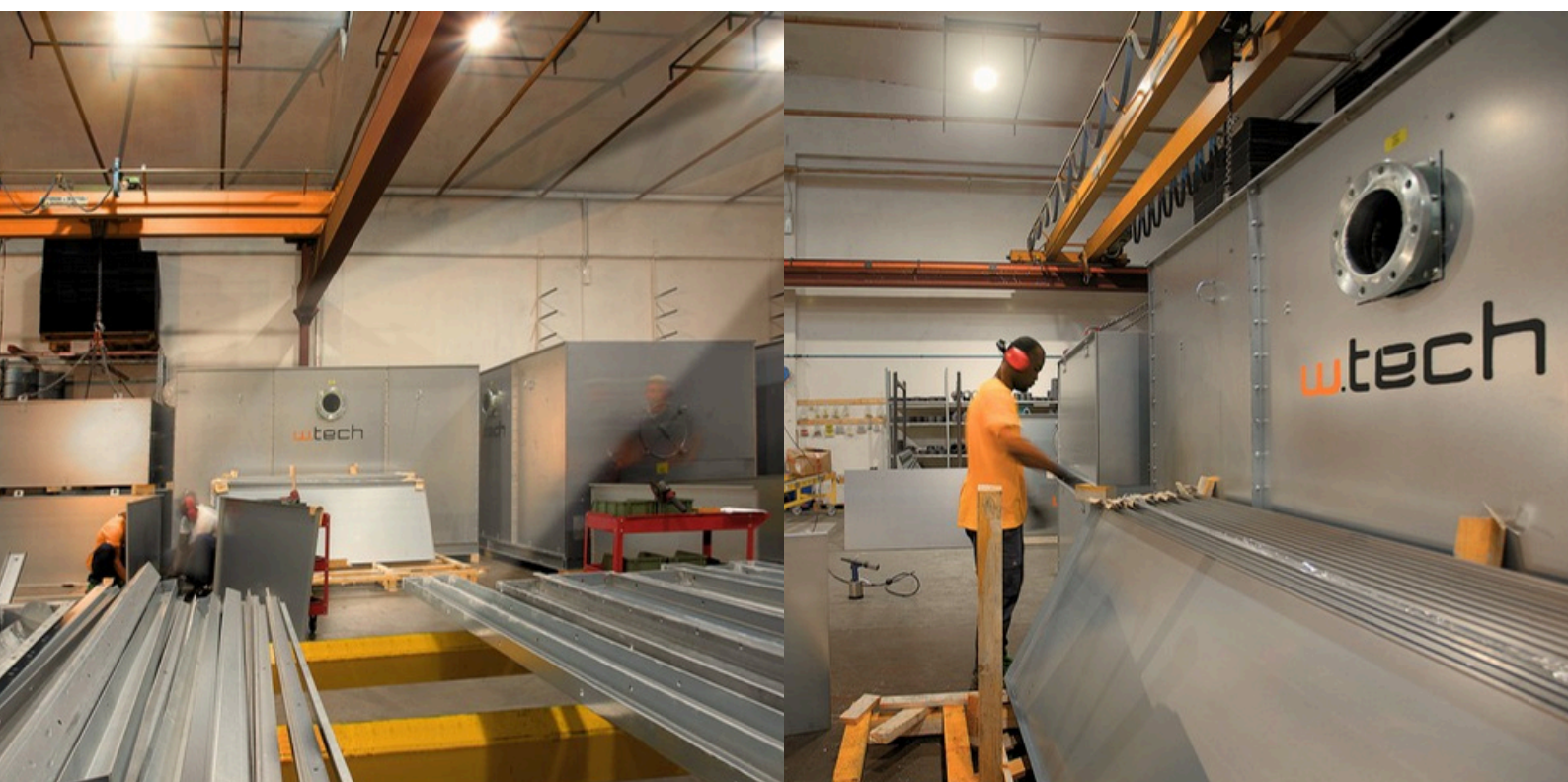
Standard units are made entirely of Magnelis®, an innovative alloy composed of zinc, aluminium and magnesium (ZM310), which offers up to three times the protection level of galvanised steel.

AISI 304L or 316L stainless steel construction is also available on request, for the entire structure or for selected components such as the water catchment.

WE PROTECT YOUR INVESTMENT

For W-tech, protection means value over time. That is why we have developed advanced multilayer systems that safeguard the most exposed parts of machines, limiting wear, corrosion and mechanical damage.

- The B-COAT treatment, for example, protects the water basin with a special combination of primer and high-strength enamel.
- W-COAT+ ensures complete coverage of the machine, inside and out, with a powder coating that resists UV, chemicals and weathering.
- For those seeking maximum reliability, there is the 4Shields system: a four-level defence that integrates advanced materials and protective barriers, ensuring structural integrity even in the most extreme conditions. Less maintenance, less downtime, more durability. For an investment that pays off, today and over time.



CONSTRUCTION DETAILS - REALISATION

Each W-tech machine is built with care and precision to ensure reliability, efficiency and durability. Units are assembled with materials that resist to corrosion for long-term reliability, while joints are sealed with systems that ensure a high level of tightness over time. Before shipment, basins and pipes are tested to eliminate any risk of leakage.

Closed circuit units are equipped with an in-house designed coil, optimised for maximum heat exchange efficiency and protected against corrosion. The acoustic aspect is also a priority for us: we adopt low-noise solutions, with attenuation systems designed to meet different installation requirements.

Finally, all our machines are designed in compliance with current regulations for the prevention of Legionella, to protect the safety and health of the installations.



VISION MISSION



VISION

Becoming a benchmark for solutions that optimise industrial cooling technologies, contributing to a more efficient and sustainable future. Our vision is a world where every industrial process is supported by state-of-the-art heat dissipation technologies designed to improve operational performance and reduce environmental impact. We aspire to be the partner of choice for companies seeking to maximise efficiency and support the future of industrial refrigeration.

MISSION

We support industrial efficiency and sustainability through advanced heat dissipation solutions.

Our mission is to develop and provide technologies that enhance industrial thermal management processes, ensuring maximum efficiency and minimum environmental impact. Each W-Tech solution is custom-designed to support our customers in achieving their operational goals, optimising the use of resources and promoting sustainability.

OUR 6 CORE VALUES

01

OPERATIONAL
EXCELLENCE

02

CONTINUOUS
INNOVATION

03

ENVIRONMENTAL
SUSTAINABILITY

04

INTEGRITY, INCLUSION
AND TRANSPARENCY

05

ATTENTION TO
CUSTOMERS,
EMPLOYEES AND
SUPPLIERS

06

GROWTH AND
DEVELOPMENT OF THE
COMPANY AND ITS
ENVIRONMENT



CONTACTS

DISCOVER HOW WE CAN HELP YOU TO IMPROVE
YOUR PLANT EFFICIENCY



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