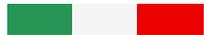




YOUR COLD WATER

MADE IN ITALY



COMPANY PROFILE

Since 1981

COOLING TOWERS

www.ilmedimpianti.com

ILMED IMPIANTI

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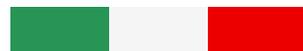




YOUR COLD WATER

**COOLING TOWERS
SINCE 1981**

MADE IN ITALY



SERVING OUR CUSTOMERS FOR MORE THAN FOURTY YEARS

ILMED IMPIANTI IS THE IDEAL PARTNER AND TECHNICAL CONSULTANT, WITH WHICH TO IDENTIFY PROPOSALS AND TECHNICAL SOLUTIONS TO SOLVE ANY COOLING PROBLEM.

In forty years of activity, Ilmed Impianti has built up the experience and the ability to innovate that makes it one of the most qualified companies in the implementation of Water Cooling Towers. Endorsed by more than 6000 systems designed, constructed and installed in 90 countries.

The professionalism of Ilmed Impianti, however, goes beyond the production of Cooling Towers. The company, through its experience, offers its clients design and construction of turnkey plants and therefore know-how, skills, services to meet any customer requirements.

FROM THE IDEA TO THE PROJECT

ILMED IMPIANTI CAN OFFER THE MOST EFFECTIVE AND PRODUCTIVE DIALOGUE THROUGHOUT ALL THE PHASES OF YOUR PROJECT.

The phases of the project are broken down into:

- ✓ 1. Identification of needs
- ✓ 2. Conceptual design
- ✓ 3. Engineering
- ✓ 4. Purchase and construction
- ✓ 5. Installation and start-up
- ✓ 6. Post-sales service, spare parts and maintenance



1 Identification of needs

Evaluation of process and environmental conditions. Collaboration with the customer to identify preliminary solutions.

2 Conceptual design

Close collaboration with the project team to identify the best result in Performance, Duration and Investment Cost.

3 Engineering

Development of the complete project according to customer specifications, international and local standards and any applicable laws or regulations.

4 Purchase and construction

Supply agreements for all raw materials, in-house production of critical components, continuous monitoring to ensure quality and deadlines.

5 Installation and start-up

From the complete assembly to assistance with highly specialized personnel.

6 Post-sales service, spare parts and maintenance

From the supply of spare parts to the maintenance and complete revamping of all types of Cooling Towers.

OUR CONTINUOUSLY EVOLVING RANGE OF PRODUCTS

The Engineering Department is constantly looking for innovative solutions, designed to meet the needs of the market and the customer.



**OPEN-TYPE PACKAGE
COOLING TOWERS**



**CLOSED-TYPE PACKAGE
COOLING TOWERS**



**MODULAR COOLING
TOWERS**



**FIELD-ERECTED COOLING
TOWERS**



**TURN-KEY
PLANTS**



**WATER TREATMENT
AND FILTRATION PLANT**



AFTER-SALE SERVICES



**MATERIALS AND COMPONENTS
SUPPLY**



REVAMPING



RENTAL



OPEN-TYPE PACKAGE COOLING TOWERS

PRE-ASSEMBLED COOLING TOWERS ARE QUICK AND EASY TO TRANSPORT, INSTALL AND MAINTAIN, WITH A HIGH LEVEL OF FLEXIBILITY IN ALL APPLICATIONS.

PRODUCT RANGE:

- ✓ **T** Induced draft, steel structure and truncated cone fan stack cooling towers
- ✓ **GT** Induced draft, steel structure and flat fan deck cooling towers
- ✓ **NC** Induced draft, steel structure cooling towers for dirty waters application
- ✓ **GTP** Induced draft, frp structure cooling towers
- ✓ **ITC** Forced draft, steel structure cooling towers

Open-type package cooling towers can be manufactured in different type of steel (painted, hdgs, stainless steel) or in frp with film, splash or hybrid-type filling.



GT model



GTP model



NC model



T model



ITC model

CLOSED-TYPE PACKAGE COOLING TOWERS

PREASSEMBLED CLOSED-TYPE COOLING TOWERS ALLOW TO COOL A FLUID OR TO CONDENSATE A GAS INSIDE A TUBE BUNDLE HEAT EXCHANGER (PRIMARY CIRCUIT). WATER (SECONDARY CIRCUIT) IS USED AS COOLING FLUID AND IS SPRAYED DIRECTLY ON THE HEAT EXCHANGER BY MEANS OF A DISTRIBUTION PIPING SYSTEM.

PRODUCT RANGE:

- ✓ **IC³-AR** Induced draft evaporative cooler
- ✓ **IC³-AC** Induced draft evaporative condenser

The secondary circuit water is cooled by its own evaporation, fostered by a constant air flow. Depending on the environmental conditions (during winter operation), it is also possible to only use air as secondary (cooling) fluid, with corresponding water and energy savings. Closed-type package cooling towers are supplied pre-assembled with dimensions compatible for truck or container transport. They represent the ideal solution for small and medium-sized applications in all types of industrial plants.



IC³ - AR model



IC³ - AR model



IC³ - AC model

MODULAR COOLING TOWERS

THE MODULAR COOLING TOWERS MANUFACTURED BY ILMED IMPIANTI ARE COMPOSED BY TWO OR MORE SEPARATE MODULES PLUS A FAN SECTION: THANKS TO THIS FEATURE, THEY ARE THE IDEAL SOLUTION FOR MEDIUM SIZE APPLICATIONS AND REPRESENT THE CONNECTION RING BETWEEN OPEN-TYPE PACKAGE COOLING TOWERS AND FIELD-ERECTED COOLING TOWERS.

PRODUCT RANGE:

- ✓ **TK** Induced draft, steel structure cooling towers, with typical features of field-erected machines

They are supplied in pre-assembled modules, of dimensions compatible with transport by truck or container. This model allows the alternative use of different materials, interchangeable and compatible with each other, to compose a whole that fully meets the needs and the specifications of the customer, thus reducing the number of components susceptible to corrosion. Thanks to the high degree of prefabrication, on-site erection times are significantly reduced compared to those required by a field-erected cooling tower.



TKZ model



TKZ model



TKG model

FIELD ERECTED COOLING TOWERS

COOLING TOWERS ASSEMBLED DIRECTLY ON SITE, USED IN LARGE INDUSTRIAL PLANTS WITH MEDIUM AND LONG LIFE CYCLE AND WITH HIGH LEVEL OF HEAT DISSIPATION.

PRODUCT RANGE:

- ✓ **IC** Induced draft, concrete structure cooling towers
- ✓ **FC** Forced draft, concrete structure cooling towers
- ✓ **TGK / TRK** Induced draft, steel or frp structure cooling towers

Key features: design criteria, carefully selected, state of the art components and materials to ensure the best long-term result. Field erected towers can be made of concrete, steel and pultruded fibreglass.

Field erected towers are designed using sophisticated software with particular regard to international standards & local regulations and are able to operate in extreme weather and high duty conditions, in corrosive or marine environments.

A quickly and easily assembled structure is designed to minimize costs.



TRK model



FC model



IC model

WATER TREATMENT AND FILTRATION PLANTS

IILMED IMPIANTI IS THE SOLE QUALIFIED MANUFACTURER OF COOLING TOWERS AND WATER TREATMENT SYSTEMS FOR EFFICIENT AND STREAMLINED PROJECT MANAGEMENT.

The water treatment and filtration systems are an essential part in the operation of cooling towers. These systems improve the performance of the cooling tower and of all the production system.

Our integrated systems can be divided into:

- ✓ Dosing skids
- ✓ Softening plants
- ✓ Filtration systems



Dosing skid



Filtration system



Softening skid

TURN-KEY PLANTS

CUSTOMIZED COOLING SYSTEMS

ILMED IMPIANTI' S TECHNICAL OFFICE DEVELOPS PROCESSES FROM THE ASSESSMENT OF THE CUSTOMER NEEDS TO STARTING UP THE SYSTEM. ILMED IMPIANTI'S ATTENTION IS FOCUSED ON ENERGY SAVING BY DEVELOPING DIFFERENT DEDICATED SOLUTIONS.

In addition to supplying cooling towers, Ilmed Impianti can develop:

- ✓ Detailed Engineering
- ✓ Pumping and distribution systems
- ✓ Water Treatment
- ✓ Filtration systems
- ✓ Supervision and monitoring

The Company has numerous references in the creation of turnkey cooling systems which include the supply of pipes, pumping stations, supervision, water treatment and control systems.





MATERIAL AND COMPONENTS SUPPLY

ILMED IMPIANTI PRODUCES THE MAIN COMPONENTS OF COOLING TOWERS: FANS, ELECTRICAL MOTORS AND COMPLETE FAN GROUPS, FILLINGS, DRIFT ELIMINATORS, NOZZLES AND DISTRIBUTION SYSTEMS.



When identifying spare parts, special attention is paid to the customer's needs, the type of tower involved and the quality of the materials used.

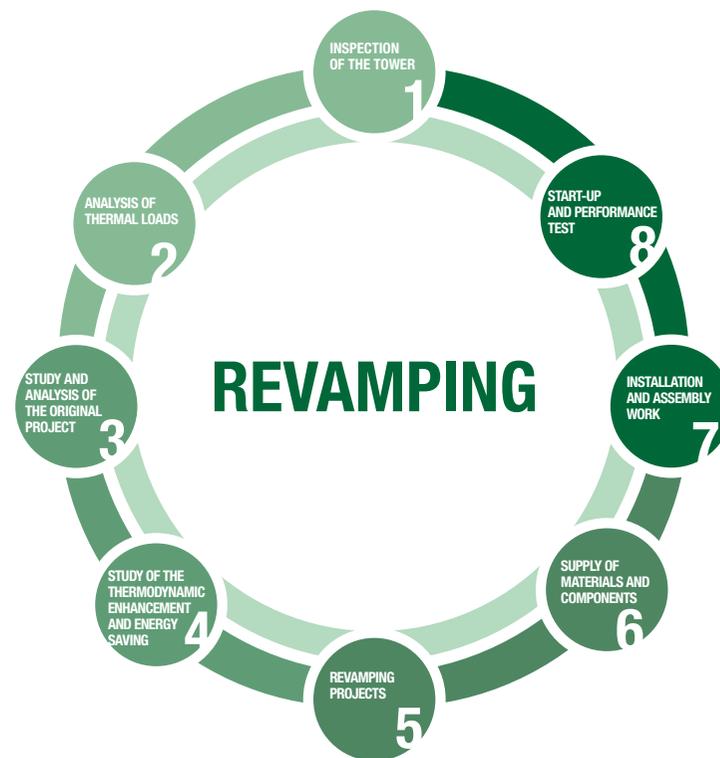
Ilmed impianti supplies spare parts for any kind of cooling tower from any manufacturer.

REVAMPING

IN ADDITION TO THE CONSTRUCTION AND INSTALLATION OF NEW COOLING TOWERS, ILMED IMPIANTI ALSO CARRIES OUT REVAMPING, INCLUDING TURNKEY SOLUTIONS ON ANY TYPE OF EXISTING COOLING TOWER.

In addition to supplying cooling towers, Ilmed Impianti can develop:

- ✓ 1. Inspection of the tower
- ✓ 2. Analysis of thermal loads
- ✓ 3. Study and analysis of the characteristics of the original project
- ✓ 4. Study of thermodynamic enhancement and energy saving
- ✓ 5. Revamping projects
- ✓ 6. Supply of materials and components
- ✓ 7. Installation and assembly work
- ✓ 8. Start-up and performance tests

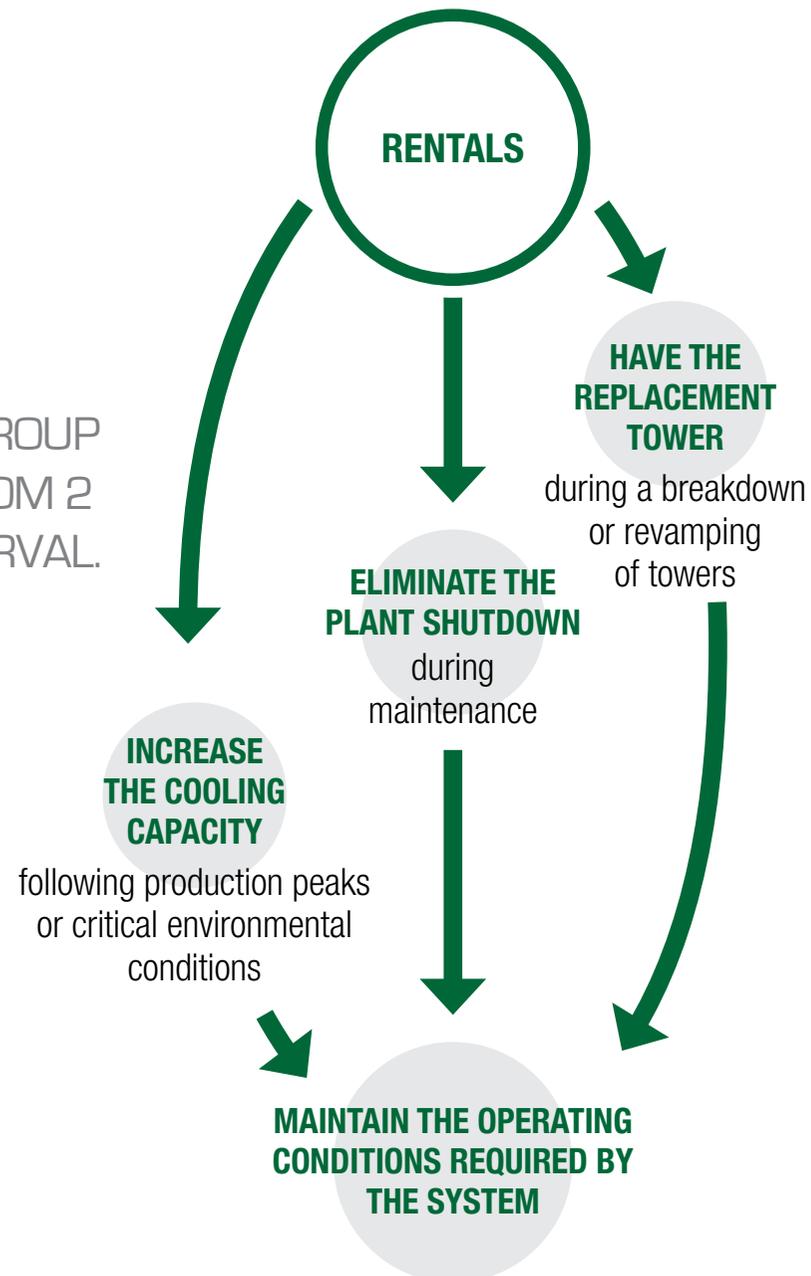




RENTAL

THE RENTAL SERVICE OF ILMED IMPIANTI PROVIDES THE TEMPORARY USE OF A SINGLE COOLING TOWER OR A GROUP OF TOWERS, THUS COVERING THERMAL CAPACITIES FROM 2 MW UP TO 20 MW AND MORE FOR SPECIFIC TIME INTERVAL.

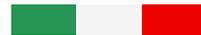
The cooling towers, pre-assembled type, are shipped in self-transportable modules, then easily and quickly installed on-site.





YOUR COLD WATER

MADE IN ITALY



FOR MORE THAN
40 YEARS
AT YOUR SERVICE

FOR FURTHER INFORMATION, PLEASE SEE OUR WEBSITE WWW.ILMEDIMPIANTI.COM
OR MEET US AT OUR OFFICES BASED IN AVIGLIANA (TURIN), VIALE DEI MARESCHI 15.

ILMED IMPIANTI SRL

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A LARGE GROUP

ONE MISSION

FOUNDED IN THE EARLY 1900S, THE ILMED GROUP, IS A GROUP OF COMPANIES ACTIVE IN INDUSTRY AND SERVICES.

ILMED IMPIANTI HAS BEEN PART OF THE ILMED GROUP SINCE 1981.



INDUSTRY DIVISION



SERVICE DIVISION



PARTICIPATE



GENERAL INFORMATION

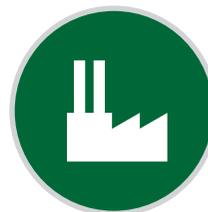
ILMED GROUP NUMBERS

THANKS TO ITS ABILITY TO DIVERSIFY ITS ACTIVITIES, THE ILMED GROUP IS PRESENT IN MANY SECTORS: LOGISTICS, CAR SERVICES, INDUSTRIAL FANS, AUXILIARY SYSTEMS FOR TURBINES AND COOLING SYSTEMS FOR INDUSTRIAL WATER.



more than 700

EMPLOYEES IN THE ILMED GROUP



180.000 m²

SQUARE METERS OCCUPIED BY
GROUP COMPANIES



3.000 m²

SQUARE METRES COVERED BY
THE GROUP OFFICES

ILMED GROUP COMPANIES



ILMED LOGISTICS

In Ilmed Logistics and Technologies specialists in engineering and logistic design combine expertise to optimize the service quality based on Customer requirements.



ILMED GROUP COMPANIES



ILMED IMMOBILIARE

Ilmed Immobiliare: research, design and turn-key construction of civil and industrial buildings; setting up of sales points, buildings maintenance.



ILMED GROUP COMPANIES



CARCLINIC

CAR CLINIC

Car Clinic is the first company specialized in the repair of carbody and interiors with a network of in-house Centres.



ILMED GROUP COMPANIES



ILMED VENTILAZIONE INDUSTRIALE

Ilmed Ventilazione Industriale: research, design and manufacture of fans for the industrial sector.



ILMED GROUP COMPANIES



FLESCO FLUID SYSTEM

Flesco Fluid System: engineering, development, production and testing of auxiliary systems for gas and steam turbines, compressors, pumps and generators.





ilmed
GRUPPO INDUSTRIALE

