

COMPANY  
PROFILE  
2024





The background of the slide features a close-up, macro shot of metallic, reflective spheres, possibly part of a mechanical assembly or a scientific experiment, creating a sense of precision and technology. Overlaid on the left side is a solid red square containing the white number '01' in a large, clean, sans-serif font.

# 01

We **design** and **manufacture** plumbing and heating products with **superior performance** and a **unique design**.



WHO WE ARE

## HCE, the Italian excellence in the heating and plumbing sector

We are a fast-growing young company, made up of a team with lengthy experience and strong professionalism in this field. There are highly experienced people operating in the technical, commercial and production fields with a unique know-how allowing us to be a supplier of the most important companies in the international plumbing and heating sector.

We produce articles to improve the efficiency and health of plumbing systems, all strictly MADE IN ITALY.



WHERE WE ARE



## The new headquarters in the heart of Franciacorta

Our new headquarters are in Cellatica (Brescia), Italy, where, after being rigorously tested, all the products leave to reach our customers around the world.

The large warehouse and efficient logistics guarantee fast deliveries, while the assembly and production area, equipped with the latest technology, testifies our commitment to operational excellence.



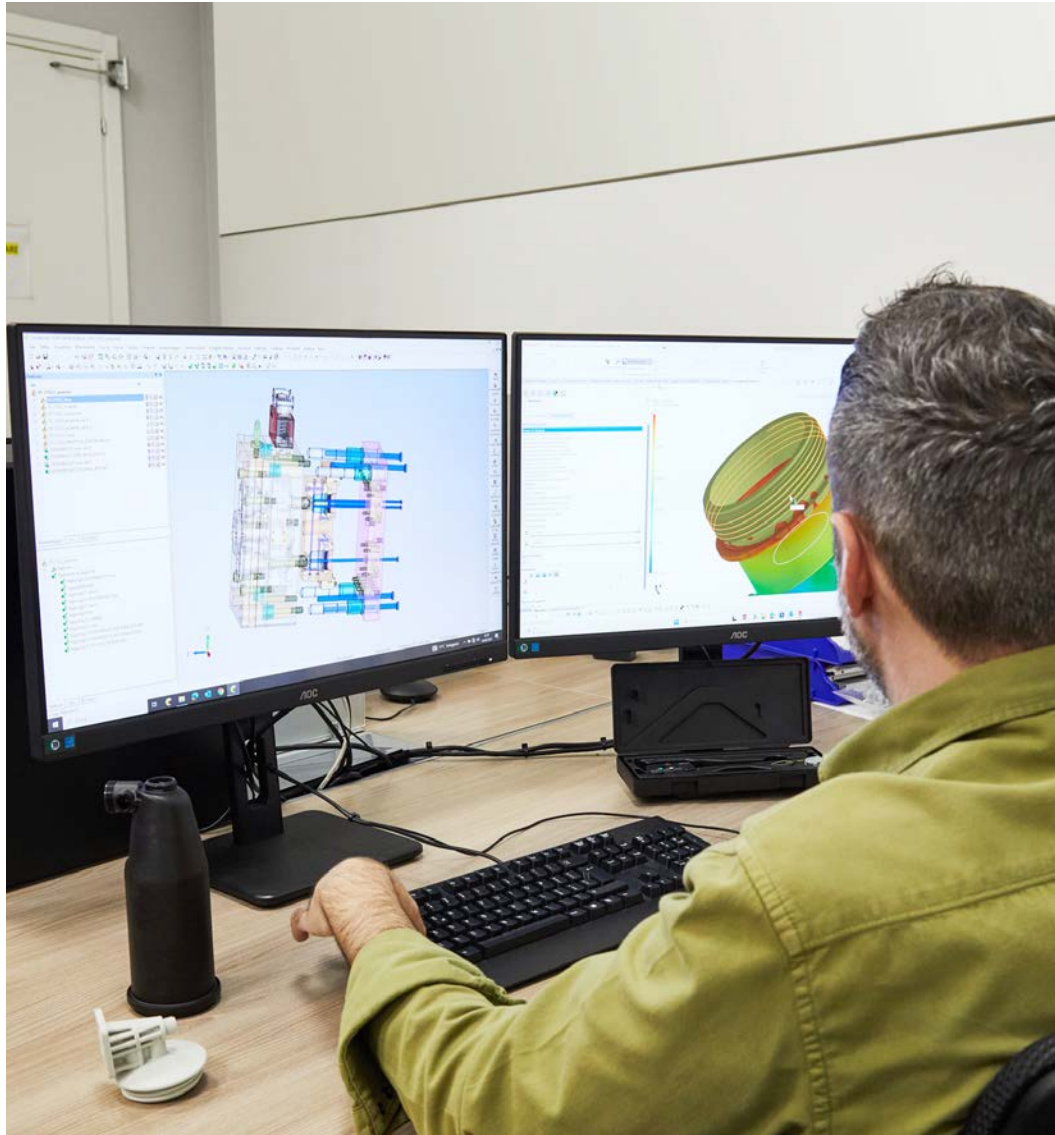


02

At HCE all strategic and production activities are internalised to ensure a greater control of the entire production chain.



## PRODUCTION PROCESS



■ Research and development



■ Engineering



■ In-house production of moulds and tools



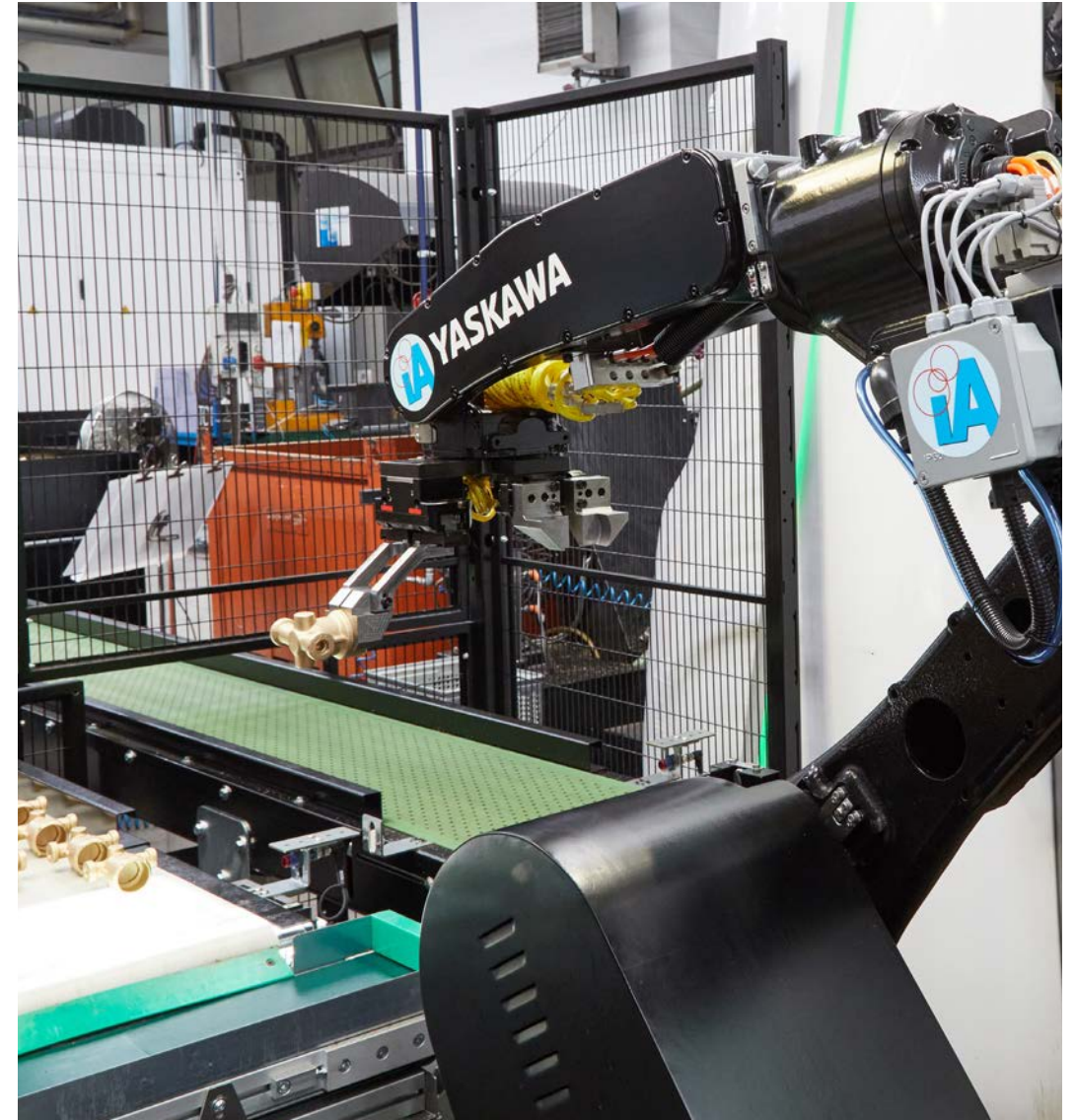
## PRODUCTION PROCESS



■ Plastic injection molding



■ Brass hot forging



■ Mechanical machining



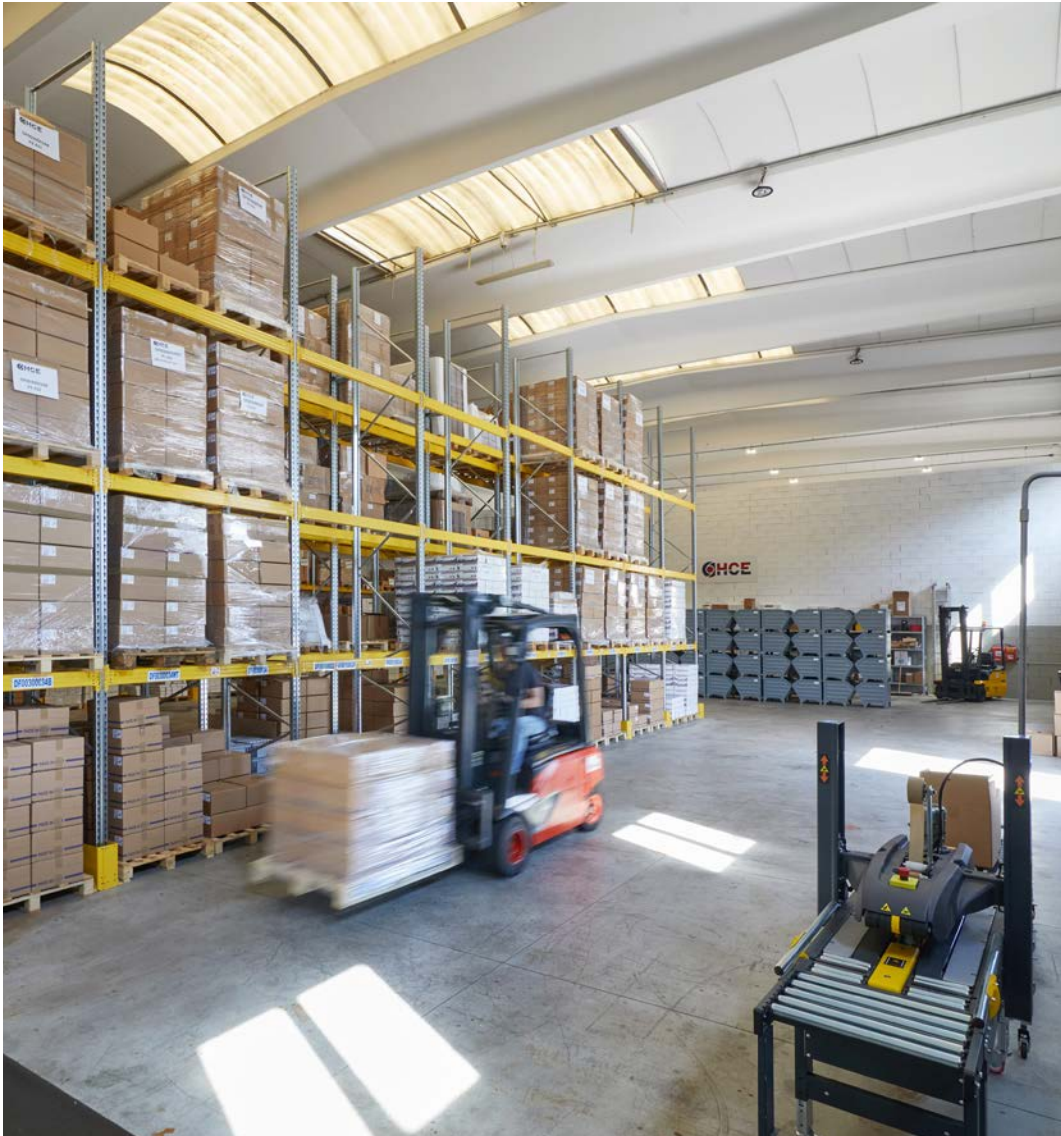
PRODUCTION PROCESS



■ Quality control



■ Assembly and packaging



■ Warehouse and logistics



## People, trust, reliability and commitment to a sustainable environment

The true value of a company lies in its people.

**We believe that our employees are our greatest asset.**

They not only have skills and talents, but also a shared **passion for excellence and innovation.**

**Our company is built on an intrinsic philosophy of reliability and transparency.**

We firmly believe in the importance of honesty in our relationships with employees, suppliers, customers and especially with ourselves.

**We do not just sell products, we build trust.**





## Success is sustainable when it is guided by an ecological responsibility

Respect for and protection of the planet are among the most important values to our company. They influence every decision and action we take. **We are committed to preserving the environment for next generations.**

From the sourcing of raw materials to the packaging used: every moment and process is studied and **optimised to save energy** and materials by using the best technologies available.





## **We export Italian excellence to the world.**

Today HCE devices can be found in more than 50 countries around the world. Our best testimony is our reliability.





“

We are rather annoyed when a product  
does not work as it should.  
We are engineers and designers  
and we have felt the need to do something.  
Our goal is to design and manufacture innovative  
devices with superior performance.

”





## RESEARCH, DEVELOPMENT, TRAINING



**Research and Development are very important to us, recognising them as the driving force behind progress and innovation.**

We invest daily in a highly qualified team, composed of employees with solid training and profound experience in the sector. We support creativity and initiative by providing a dedicated environment, resources and equipment to convert ideas into concrete solutions.

**Unique products are designed and manufactured to last by means of continuous research and development.**

**Training is a fundamental pillar for solving engineering issues,** as it enables staff and employees to grow professionally, improve their skills and adapt to new market challenges. With this awareness in mind, we have dedicated an area called “Work Room”, where all training activities in various disciplines take place.



## Each product is a promise of excellence

Our mission is intrinsic in every product: **to make products with above-average performance and unique design.** From the very beginning, we have taken great care over both technical and performance aspects of a product as well as the aesthetic one.

## The strength of MADE IN ITALY

Our products are proudly Made in Italy, the mark of excellence in the world. **Every element, from start to finish, is made with Italian passion and craftsmanship, the fruit of an industrial tradition blended with state-of-the-art technology.** By choosing our products you choose not only quality, but also the prestige of Made in Italy.



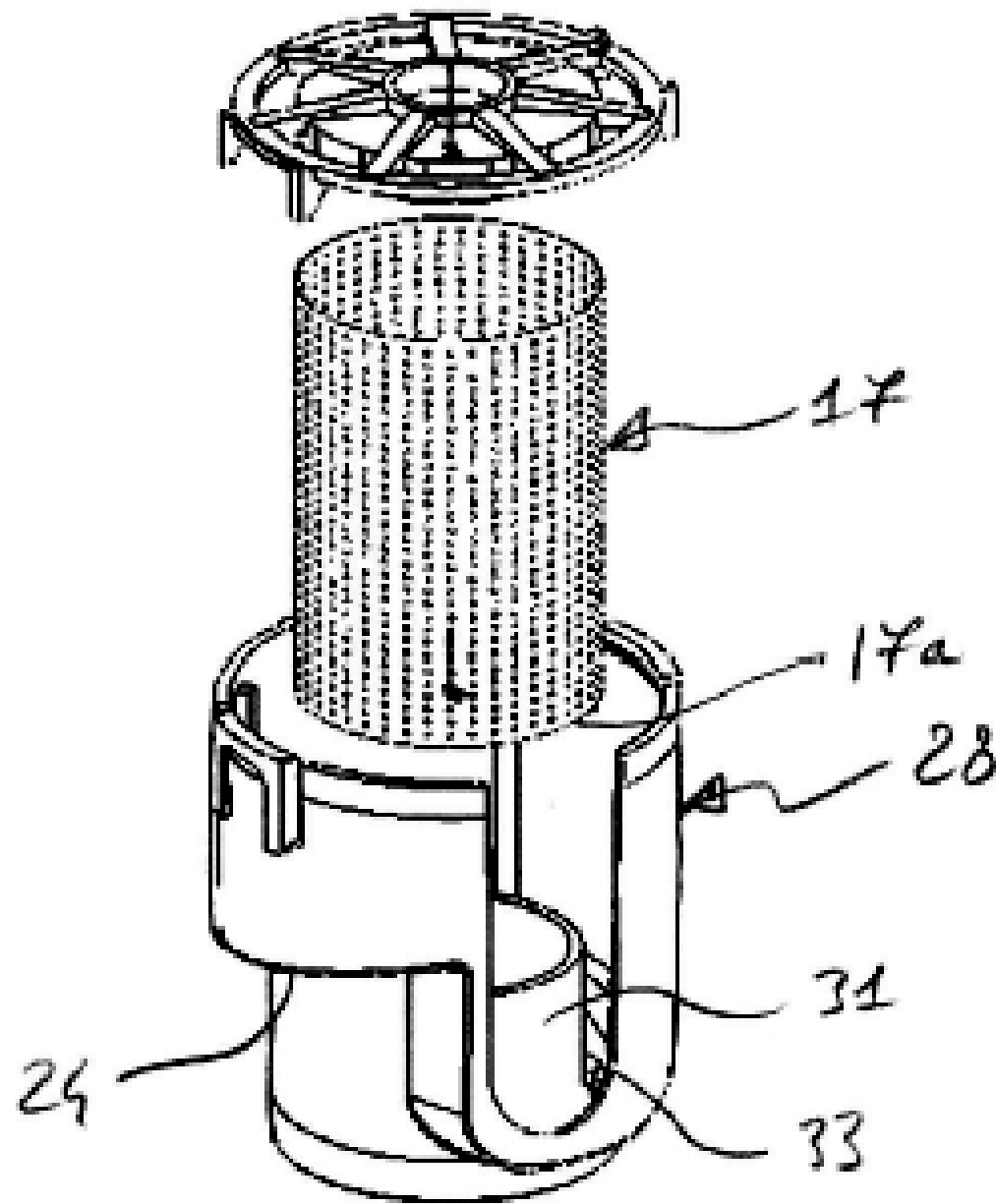




05

A range of cutting-edge products, **reliable** and **easy to use** arise from our **exclusive patents** and an impeccable production process.





## Every revolutionary idea is a story to be told

We were dissatisfied by the drop of performance of our first filter. After disassembling it, we realised that it was clogged with impurities and this was causing a drop in filter efficiency and a sharp increase of pressures.

We immediately set to work, and after more than 25 prototypes, numerous tests and trials, we created the first and only filter that maintains constant characteristics over time.

The cartridges of our dirt separators are exclusive HCE patents.

# Magnetic dirt separator

The metal parts of a heating and conditioning system are subject to corrosive effects, with consequent release of ferrous impurities into the water. There may also be other impurities, such as substances from the filling water, substances from installation and maintenance operations and substances that are generated within the system. These impurities tend to accumulate in parts of the system with a small passage section, causing obstructions, noise and other malfunctions.

The HCE magnetic dirt separators keep the system in the best possible conditions and periodic filter cleaning is done quickly and easily.



**DirtOUT<sup>®</sup> COMPACT**

UNDER-BOILER  
MAGNETIC  
DIRT SEPARATOR

Wall-mounted  
heating systems



**DirtOUT<sup>®</sup> XL**

MULTIFUNCTIONAL MAGNETIC  
DIRT SEPARATOR FOR BOILERS  
AND HEAT PUMPS

Wall-mounted heating systems with  
technical room air conditioning systems



**DirtOUT<sup>®</sup> DUAL MODE**

MULTIFUNCTIONAL  
MAGNETIC DIRT SEPARATOR  
FOR ENERGY SAVING

Wall-mounted heating systems with  
technical room air conditioning systems



**DirtOUT<sup>®</sup> HP**

MAGNETIC DIRT SEPARATOR  
SPECIFICALLY FOR HEAT PUMPS  
COMPLETE WITH INSULATION SHELL

Heat pump  
systems



**POWER<sup>®</sup> CLEAN**

HEAVY DIRECTABLE OR STRAIGHT  
MAGNETIC DIRT SEPARATOR FILTER  
FOR HYDRAULIC CIRCUITS

Wall-mounted boiler systems  
for traditional central heating system



# Deaerators

The deaerator is used to continuously eliminate the air contained in the hydraulic circuits of the air conditioning systems. Air-free water circulation allows the systems to operate in optimal conditions without problems of noise, corrosion, localized overheating and mechanical damage.



**POWER<sup>®</sup> VENT**  
FLOAT OPERATED  
LINE DEAERATOR



**POWER<sup>®</sup> VENT**  
FLOAT OPERATED  
DIRECTABLE DEAERATOR



**JO<sup>®</sup>**  
AUTOMATIC HIGH PERFORMANCE  
AIR VENT VALVE



# Poliphosphate dispenser

The polyphosphate doser limits the formation of limescale in the water system and in the devices connected to it. It is fitted to the pipes that carry the water into the boiler (and other equipment such as electric water heaters, washing machines and dishwashers) and is indispensable in case of hard or very hard water. It helps to maintain the original heat exchange performance in the generator and in the heat exchanger for the production of DHW over time. It also fights corrosion and progressively restores the plants which are already partially encrusted .



**SafePRO®**  
POWDER  
POLYPHOSPHATE  
DOSER



**SafePRO® FILTER**  
MULTIFUNCTIONAL APPLIANCE  
SAFETY FILTER  
+ POLYPHOSPHATE DOSER



**PoliFILTER®**  
POLYPHOSPHATE  
AND SILICATE  
DOSER



**PoliFILTER® BY-PASS**  
POLYPHOSPHATE  
AND SILICATE DOSER  
WITH BY-PASS



**PoliFILTER® XL**  
POLYPHOSPHATE  
AND SILICATE  
DOSER

# Security filters

Water filtration is of great importance since water contains sand, iron shavings and other components that are dragged along the extensive pipe network, these impurities should not penetrate the water supply network of a building, as they can cause several problems such as: spot corrosion, damage to faucets, as well as to household appliance mechanism connected to the water supply.



**HURACLEAN®**  
MANUAL CLEANING FILTER  
WITH ¼ M PLUG



**MACISTE®**  
MANUAL CLEANING FILTER  
WITH PRESSURE GAUGE



**HURACLEAN®**  
SEMI-AUTOMATIC SELF-CLEANING  
FILTER WITH ¼ M PLUG



**HURACLEAN®**  
SEMI-AUTOMATIC SELF-CLEANING  
FILTER WITH PRESSURE GAUGE



# Acid condensation neutralizing filter

Condensing boilers are able to recover heat by condensing the water vapour in the exhaust gases before they are expelled. However, the resulting condensate has a very low pH (acidic) due to the carbon dioxide produced during combustion and is therefore corrosive and potentially dangerous for the domestic exhaust system.

Thanks to the presence of the neutraliser, the boiler's acid condensate passes through the calcium carbonate ( $\text{CaCO}_3$ ) fill which neutralizes it. The pH of the condensate rises ( $\text{pH} > 6$ ), allowing it to be discharged safely.



**ACID X<sup>®</sup> VENT**  
ACID CONDENSATION  
NEUTRALIZING FILTER