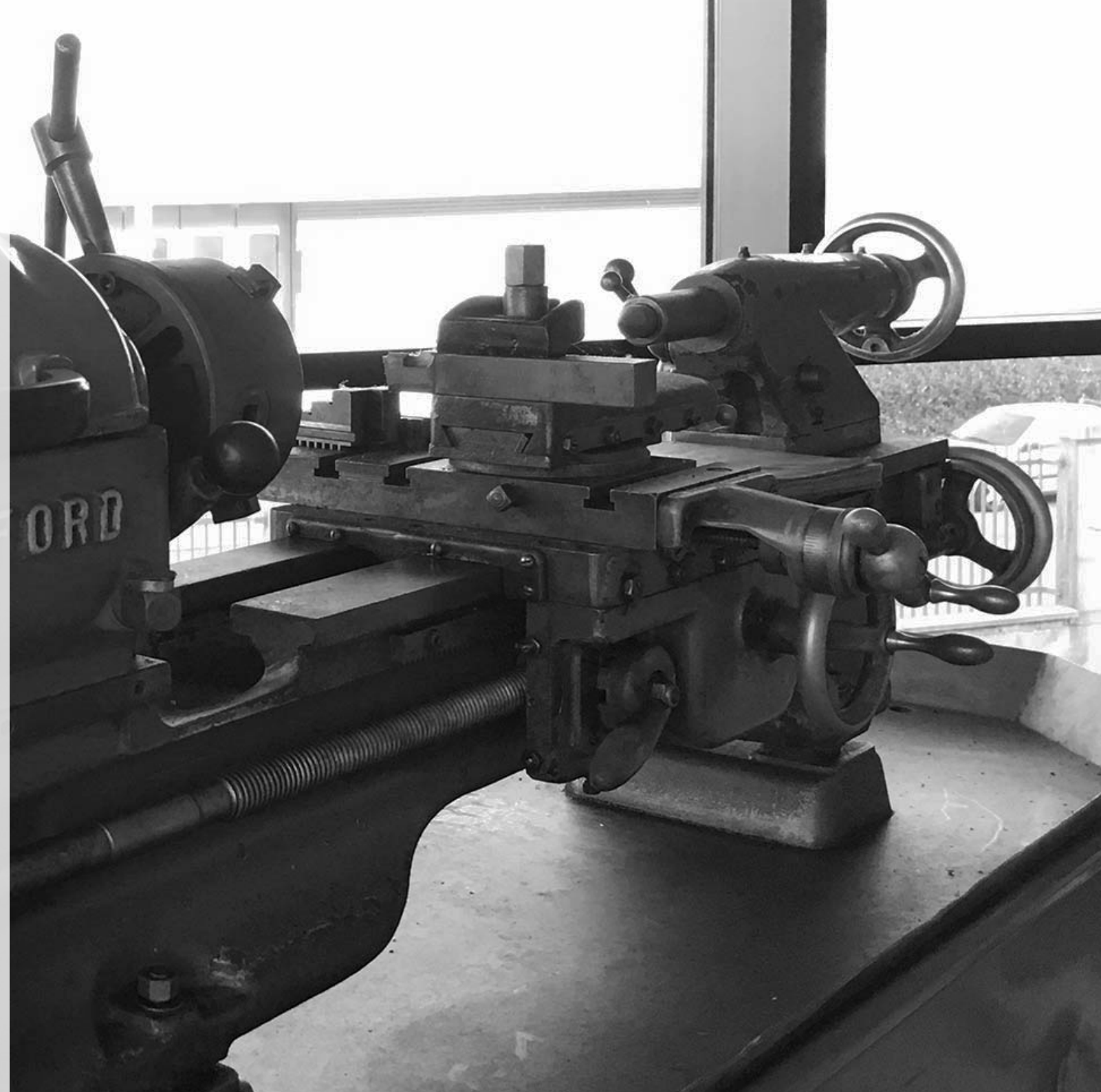




CUSTOMER MIND ORIENTED

OUR ROOTS DATED BACK
TO 1985



I HISTORY



THE CMO GROUP

1

CMO Group was born in 1985. The founder Claudio Ongis started working in the electromechanical field. Competencies and focus on Customers' needs allowed us to grow in Italy and abroad creating strong and durable relationship with our customers.

The group is now an European leader in copper, aluminium alloys and other non ferrous metals machining and hot forging process.

GROWTH OF THE CMO GROUP

2

CMO Group has grown up troughs the years by taking over other companies or starting up brand new ones.

We are nowadays operating in many fields: transport, electricity, naval, racing.

The large part of the Group's companies are located in Italy (4 plants near Milan, 1 close to Bergamo), but we have also plants in Tunisia and Slovakia.

Our technical expertise in so many different areas are at Customer's disposal to satisfy their needs.

We want to be an industrial partner, not just a supplier, in order to be able to develop the best solution suited for each Customers.

We are proud of being an Italian excellence of advanced technologies in the European market.

We aim to be part of our Customer's success through a continuing research in new manufacturing methods, in order to reduce the production times, improve our quality and flexibility.

OUR MISSION

3

"Create welfare and safety for all the stakeholders by promoting a company culture based on sense of responsibility and competence in our main mission"

Customer satisfaction is a natural consequence.

I KEY FIGURES



7

PRODUCTION

SITES



53

COUNTRIES

SUPPLIED



227

NUMBER OF

CUSTOMER
PLANTS SUPPLIED



9500

DIFFERENT CODES

PRODUCED ANNUALLY



3%

INVESTMENTS IN R&D
(as part of annual
turnover)



10%

INVESTMENTS IN
TECHNOLOGY,
MANUFACTURING
PROCESSES AND TRAINING
(as part of annual turnover)



350

TOTAL

EMPLOYEES

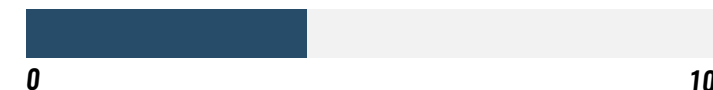


10%

EMPLOYEES
INVOLVED IN R&D



AVERAGE AGE OF EMPLOYEES: 40 YEARS



0

100

PRODUCTION SITE

CMO
COSTRUZIONI ELETTROMECCANICHE PER L'INDUSTRIA
ITALY
Machining: Turning and Milling
Punching, bending, blanking, braze-welding,
coating, water-jet cutting, machining

KOVYTEC
Blanking & Machining
SLOVAKIA

Tunitec
INDUSTRY
TUNISIA
Assembly, Tests and Machining

TF TECNOFLUID
ENGINEERING
ITALY

AIRWORK
PNEUMATIC EQUIPMENT
ITALY
Designing, manufacturing of standard and
customized solutions in the pneumatic automation
industrial field

MASPERO TECH
FORGING SOLUTIONS
ITALY

OUR PRODUCTS



MILLING PARTS



TURNING PARTS



COATING PARTS



PUNCHING /
BENDING PARTS



BRAZE - WELDING
PARTS



ASSEMBLING
PARTS



HOT FORGING
SOLUTION

LOW AND MEDIUM VOLTAGE COMPONENTS

Machined components for low and medium voltage applications, made according to the Customer's specifications by automated machining centres.

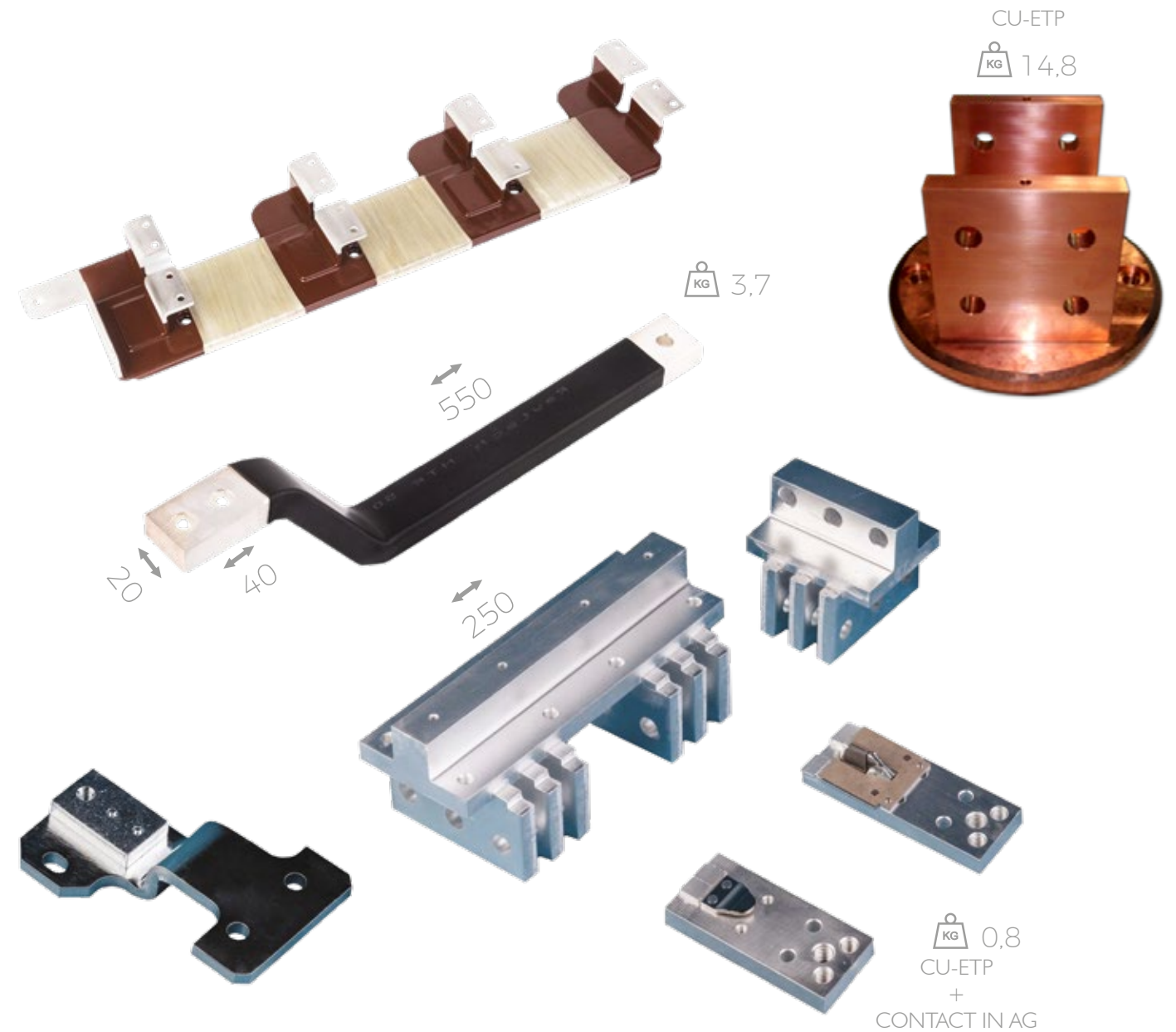
Parts produced from bars, profiles, forging in small, medium and high production batches are used for several applications worldwide for distribution of electricity.



LOW AND MEDIUM VOLTAGE COMPONENTS

Machined components for low and medium voltage applications, made according to the Customer's specifications by automated machining centres.

Parts produced from bars, profiles, forging in small, medium and high production batches are used for several applications worldwide for distribution of electricity.



I HIGH VOLTAGE COMPONENTS

CMO Group realized hot forged and machined Aluminium, Copper, Titanium parts whose final application is the high voltage field.

Our Quality labs use the best and the most technological control tools, in the respect of all Customer's technical specifications.



KG 13,5



KG 18,5

AL 6082

650



KG 1,8

CU-ETP



250 ↑

KG 7,2

AL 6082



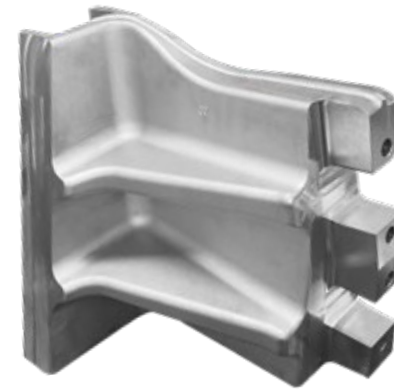
I TRANSPORTS COMPONENTS

CMO Group is a leader supplier hot forged and machined not ferrous parts.

We can provide several Aluminum alloy solutions for High Speed Train sector since the huge know how and the wide range of presses available

Short development of new project and a big experience in this sector allow us to satisfy the request of this evolving market

KG 22
AL 6005A



KG 15
AL 2014

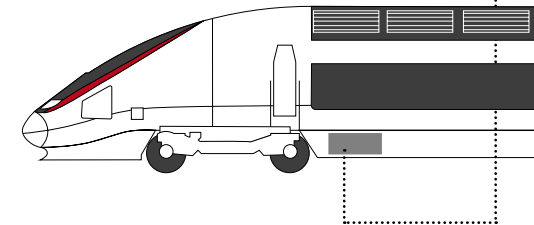
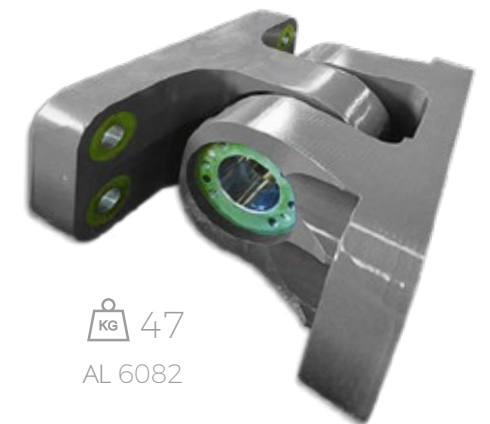


KG 80
AL 6110

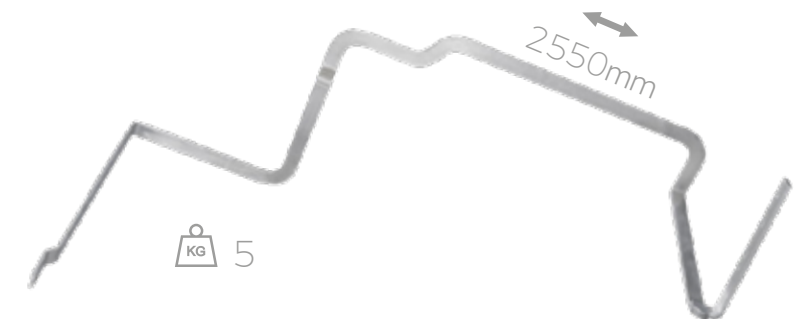
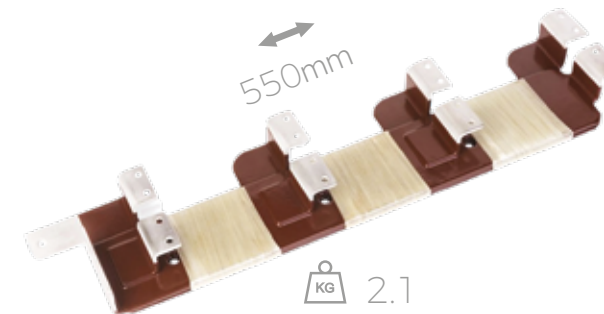
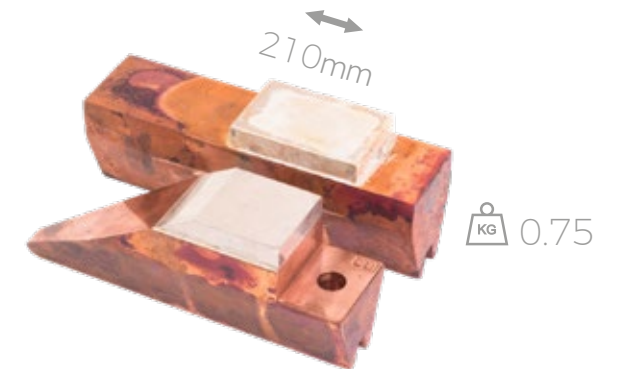
KG 7
AL 6082



KG 47
AL 6082



I TRANSPORTS COMPONENTS



I TRANSPORTS COMPONENTS

CMO Group is a leader supplier of bended and machined components for electrical connections

We can provide bent and punched bars with several thicknesses, sizes and lengths. Parts can be shrinking coated or braze-welded using different alloys.



I RACING

CMO Group is a long-standing supplier of numerous world-leading companies in the sector for racing cars and motorcycles.

We are able to provide high technical components for performance or aesthetic design parts that make them able to develop the best performance in the road and on the circuit as well.



I NAVAL APPLICATIONS

CMO Group has been producing these completely finished components for centrifugal oil separation for over 20 years.

Usually used for naval application, these devices are characterized by a considerable size and, given their rotary operation, requires an extreme surface quality of the forged parts and a perfect balancing of the central rotor.



KG 5
ALUBRONZE



KG 66
BRASS

355 ↑



Ø360

I AEROSPACE COMPONENTS **UNAVIA**cert

Based on its high level technical know-how, CMO Group is able to forge components for the Aerospace industry using Aluminum alloys or Titanium that guarantee very high mechanical performances combined with low weights as required by the Aerospace sector.

We are aerospace certified.

KG 0,9
TITANIUM
AIR9182



KG 0,3
AL7075



I GENERAL SUBCONTRACTING

KG 3
BRASS



KG 4,45
AL6061



SOCIAL AND ENVIRONMENTAL POLICY

GREEN ECONOMY, ENVIRONMENT AND SOCIAL COMMITMENT

CMO Group is strongly focused on environment care and respect, social commitment and solidarity. CMO Group believes in protecting the environment and in solidarity. It translates these beliefs in many ways, including investment and support for various start-up businesses, ranging from those offering innovative methods of energy production to those focusing on systems to reduce environmental pollution. Nature's conservation and planet's environment's protection are huge areas of concern. CMO is strongly committed to this issue and takes concrete steps at a local level.

INNOVATIVE ENERGY SYSTEMS

The Company is equipped with several photovoltaic systems in all its plants, thereby promoting the production and the consumption of renewable energy with very low environmental impact that minimise carbon dioxide emissions. The different plants aim to create pleasant working environment and have green spaces for its workers. Our people take care about recycling collection and about all industrial discards

CERTIFICATIONS



MasperoTech got the following certifications:



CMO got the following certifications:



SOCIAL AND VOLUNTARY WORK

CMO Group is also committed to social aspect, donating every year funds related to special developing projects. In Africa the Group had built water pumps in Congo and bought computer and devices for two african schools.

I INNOVATION

CMO AND INDUSTRY 4.0

Innovation, Continuous Improvement and Sustainability are the three pillars of CMO Group business approach. Our catchphrase is: “We must change out of inspiration and not of desperation”

We are constantly focused on technology progress, never compromising the well-being of employees and upgrading our production machinery.

CMO Group aims to promote either automation and human competences in order to allow to the company to maintain a leading role in the markets.

Through the company growth we can ensure our work force welfare and our Customers profits.

CMO SMART FACTORY

The Group is engaged into the use of the most updated tools for product analysis and management at its production plants.

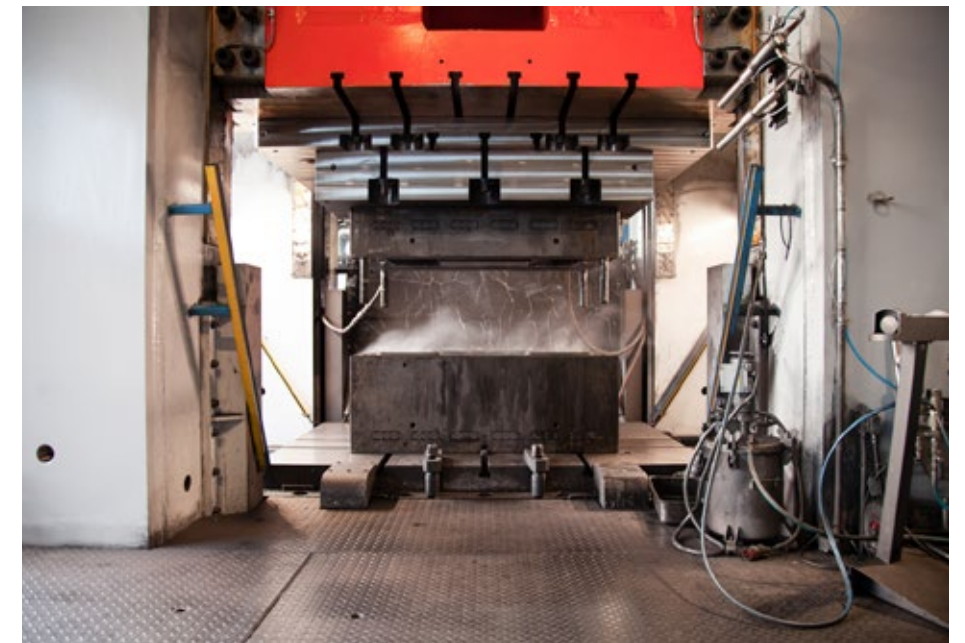
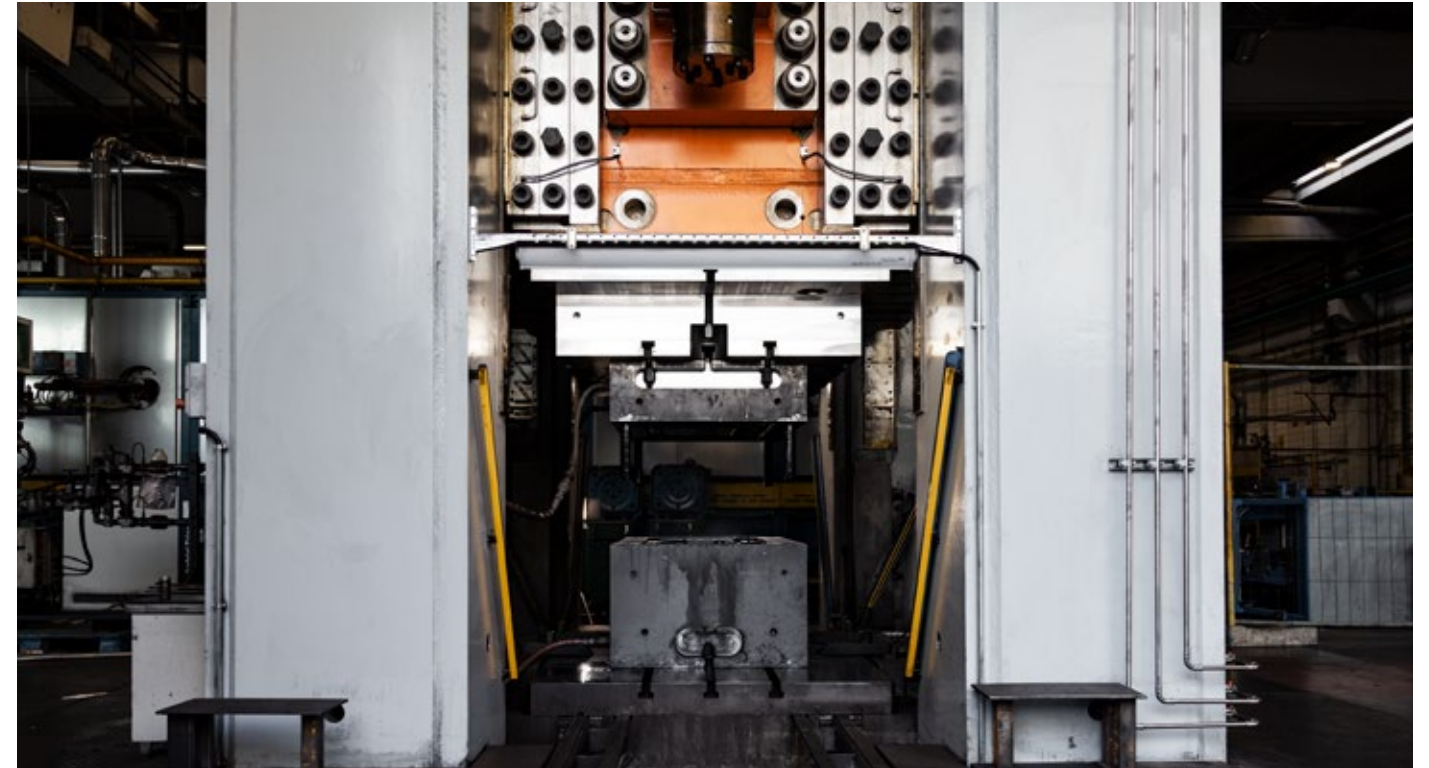
We use a range of methods to speed up processes and boost efficiency, with visual production management, domotic control maintenance, automated environmental systems management and online communications with the Customer.

I PRESS 12.000TON

This hydraulic press has a basement dimensions of 2700x1700mm and a press run of 900 mm

It requires an electrical power installed: 1200 kW
The Weight press is 750.000kg

MasperoTech is able to provide completed finished parts, starting by forging components that could be even machined internally by our big milling machines, as requested mainly by our customers in train and aerospace sectors





I NEW PRESS 7.000TON

In today's age the investments are necessary to offer to the customer the best products. For this reason CMO Group has increased the number of presses in Masperotech: after the big press of 12.000 tons, we are glad to present the new big press of 7.000 tons.

The press has a basement dimensions of 2300x1700mm. The weight of the press is 370.000kg The height press is 8.5m.

I NOTE



CMO

Italy



Italy



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