ECRIMESA
GROUP

The company was originally founded in 1964 in the northern Spanish city of Santander and has remained operating from this location ever since.

Providing the most efficient technology for each client, Ecrimesa Group develops efficient steel and aluminium parts with Investment Casting, MIM, Machining and Additive Manufacturing.

With a staff of 300 employees, Ecrimesa Group combines youth and experience to obtain a dynamic and modern company.

With the service we offer to our clients as a primary focus, we invest heavily in innovation to optimise our efficiency and our commitment to the environment.

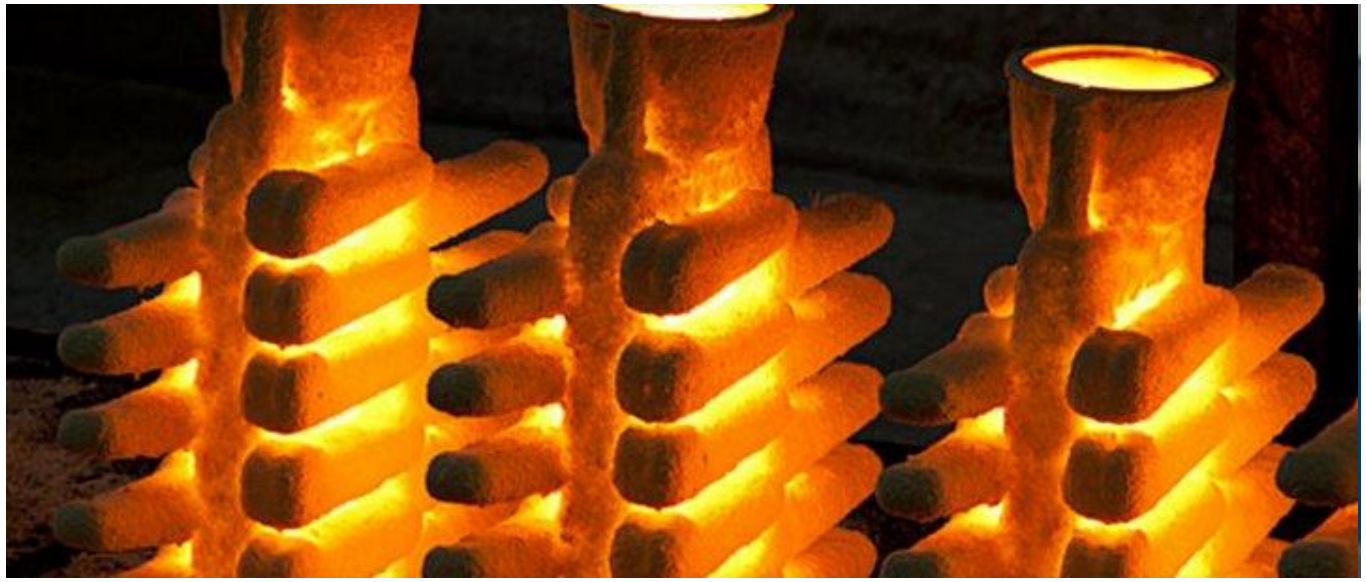
Moving forward to seize the industrial transformation.

ECRIMESA GROUP

Technologies

- Investment Casting.
- Metal Injection Moulding.
- Machining.
- Metal 3D Printing.

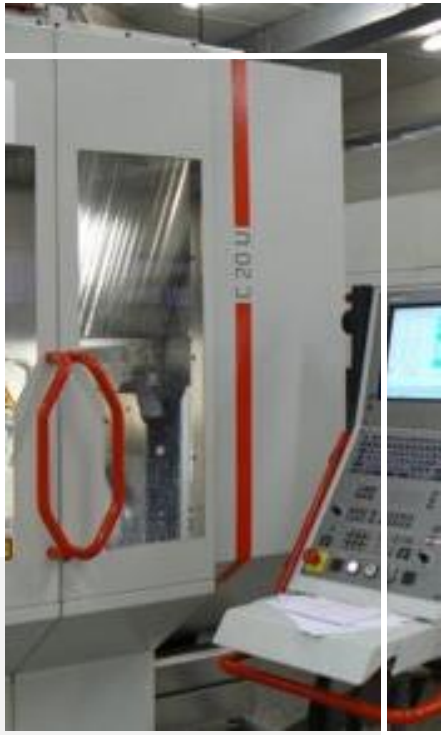
Investment casting.



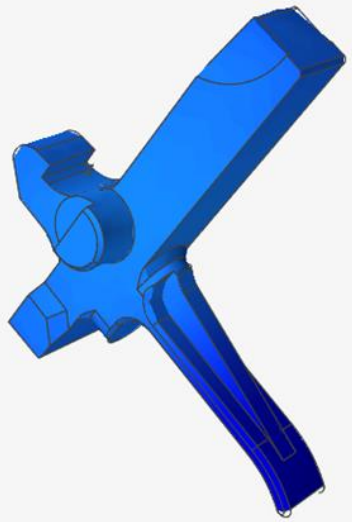
Ecrimesa Group offers the experience of more than 9,000 projects developed since 1964 with alloys, stainless and carbon steel as well as aluminum.

With a production capacity of more than 8 tons of steel per day, we also offer complete parts including finishing works and heat treatment.

Quality and homologations.

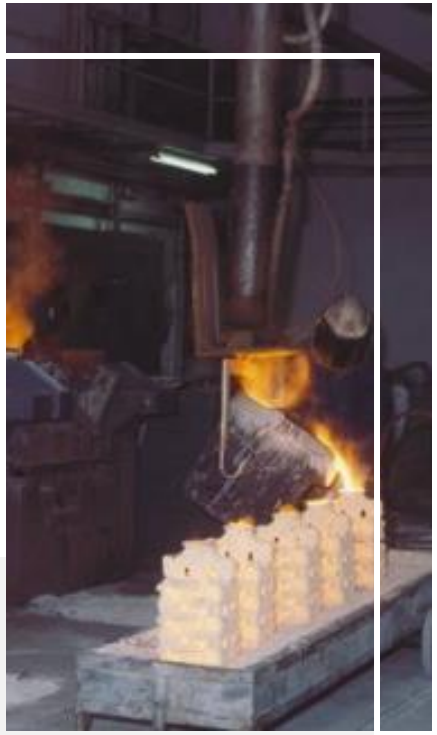


Technical Office and Tooling Plant.



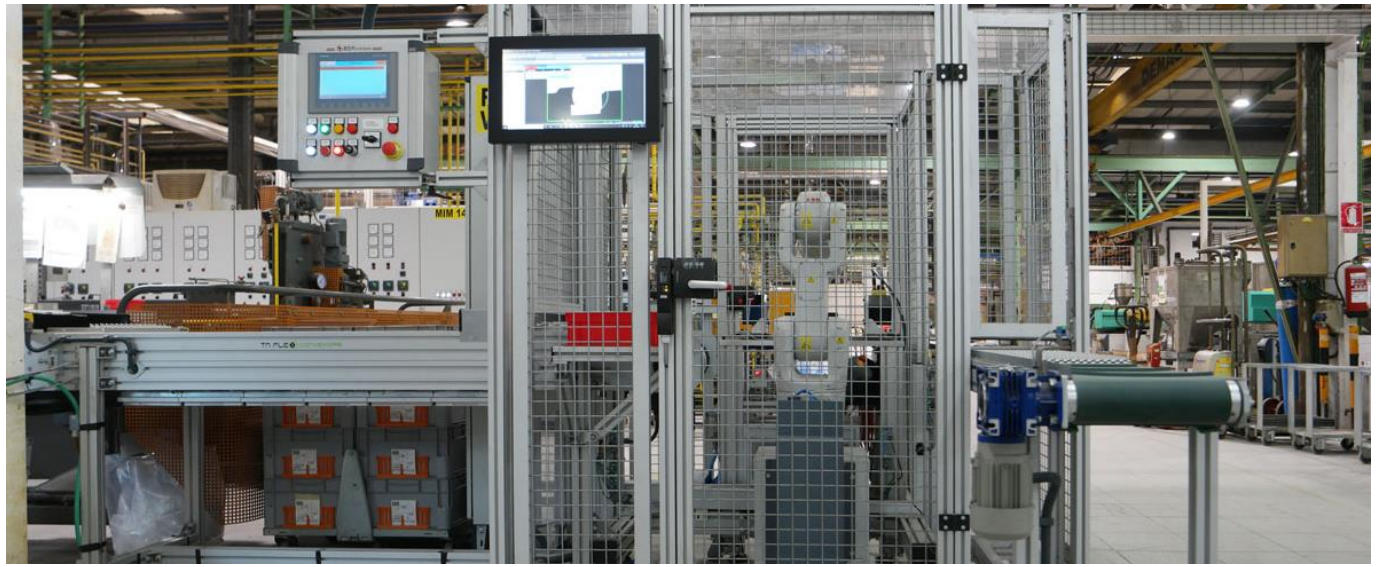
Simulations.

Ceramic Shell Room.



Melting Plant.

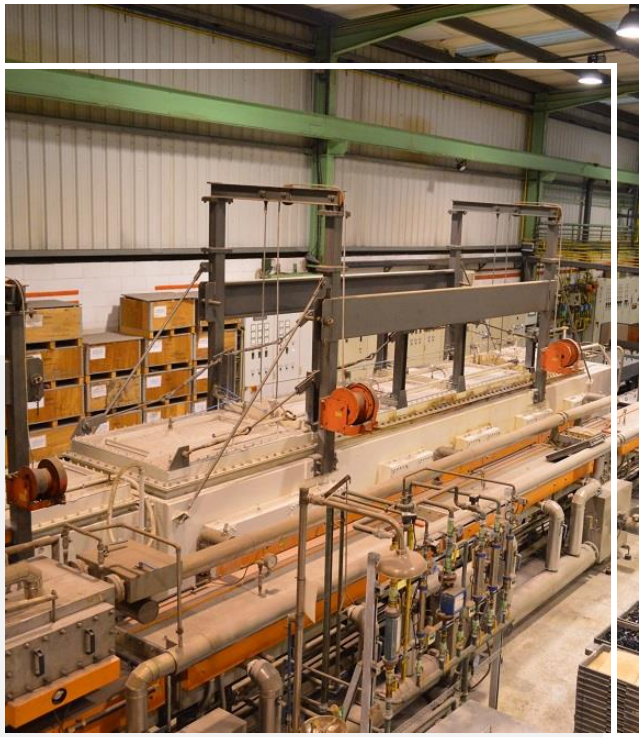
Metal Injection Moulding.



Being the first company in the world to produce in a continuous process furnace, Ecrimesa Group has developed over 2.000 different references since 1993, working alongside customers from over 20 countries and from a wide variety of industries.

The mould manufacturing workshop is equipped with state-of-the-art machinery, such as wire-erosion machines or 5 axis high speed machining centres.

Injection and Automatic Manipulation Plant.



Continuous Furnaces Plant.

Batch Ovens

Machining Plant.

We design all our machining and controlling tools. We take responsibility, alongside the other productive plants of the group, for the supply of parts according to the needs of the client. This includes the assembly of sub-components when necessary.

Ecrimesa Group has modern machining installations, either horizontal machining centres (Matsuura and Mazak), Vertical machining centres (Chiron), or numeric control lathes with or without motorised heads like Muratec, Okuma, etc.

Metal 3D Printing.

Ecrimesa Group has focused on this new technology for more than three years now, stemming from a collaboration with main universities and R&D centres of the Spanish Ministry of Science and Innovation.

We currently have two FDM printers in order to build prototypes and small series of MIM pieces, as well as a printing machine to deliver wax parts without a metal mold for investment casting.

Heat and finish treatments

Cutting and Polishing.

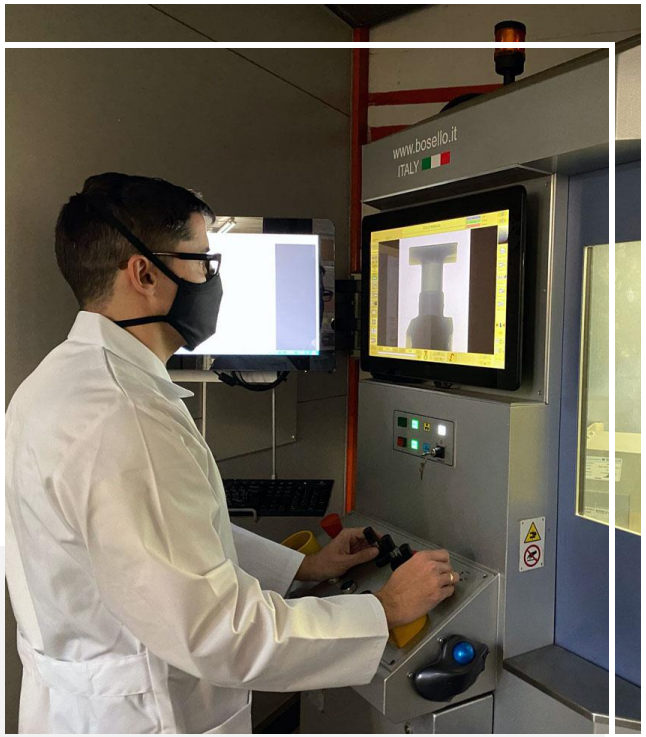
Calibrating.

Heat Treatment Plant.

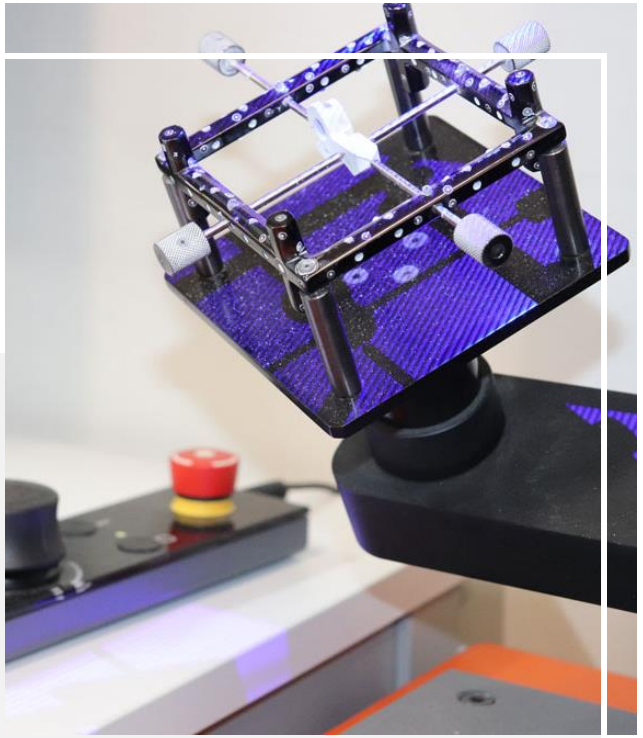
Pickling Plant and Surface Finishing.

Quality and homologations

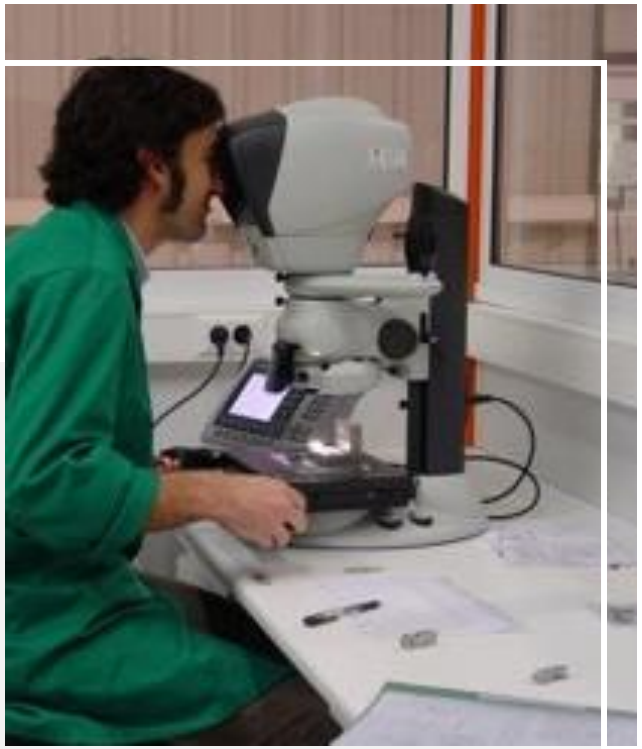
Quality and homologations.



Testing Machines.



Metallurgical Laboratory and R&D.

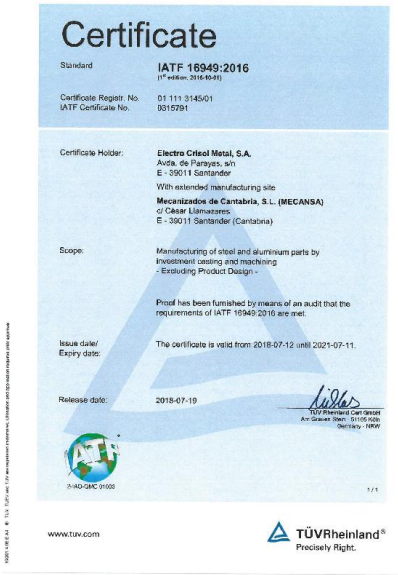


Quality and Metrology.

Homologations

The Group, certified according to the
IATF 16949:2016,
DIN EN 9100:2016,
ISO 14001:2015,
has the following main strategic objectives:

- Full customer satisfaction, providing quality in both products and services.
- To achieve a continuous improvement in the quality and productivity of our services and products.
- To promote training, awareness and personal involvement of the staff to overcome the problems and assure an improvement in the quality of their work.


Certificate

Standard: IATF 16949:2016

Certificate Holder: Electro Crisol Metal, S.A.
Avda. de Parayas, s/n
E - 39011 Santander
With extended manufacturing site
Mecanizados de Cantabria, S.L. (MECANSA)
c/ César Llamazares
E - 39011 Santander (Cantabria)

Scope: Manufacturing of steel and aluminium parts by investment casting and machining
- Excluding Product Design -

Proof has been furnished by means of an audit that the requirements of IATF 16949:2016 are met.

Issue date/ Expiry date: The certificate is valid from 2018-07-12 until 2021-07-11.

Release date: 2018-07-19

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IATF 16949:2016

Certificate

Standard: EN 9100:2016

Certificate Registr. No. 01 117 3145
Certification Structure: Several Site

Certificate Holder: GRUPO ECRIMESA
Business area:
Electro Crisol Metal, S.A.
Avda. de Parayas, s/n
E - 39011 Santander
Including the locations according to annex

Scope: Manufacturing of steel and aluminum parts by investment casting
Manufacturing of metal injection moulding (M.I.M)
parts made from steel and special alloys

An audit was performed in compliance with EN 9104-001:2013.
Proof has been furnished that the requirements according to EN 9100:2016 are fulfilled.

Validity: Issue date: 2016-12-12
Expiry date: 2019-12-11
Reissue date: 2017-12-12

2017-12-12

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DIN EN 9100:2016

Certificate

Standard: ISO 14001:2015

Certificate Registr. No. 01 104 052104/02

Certificate Holder: ECRIMESA
Electro Crisol Metal, S.A.
Avda. de Parayas, s/n
E - 39011 Santander (Cantabria)

Scope: Manufacturing of steel parts by investment casting.

Proof has been furnished by means of an audit that the requirements of ISO 14001:2015 are met.

Validity: The certificate is valid in conjunction with the main certificate from 2017-12-26 until 2020-11-30.

2018-01-04

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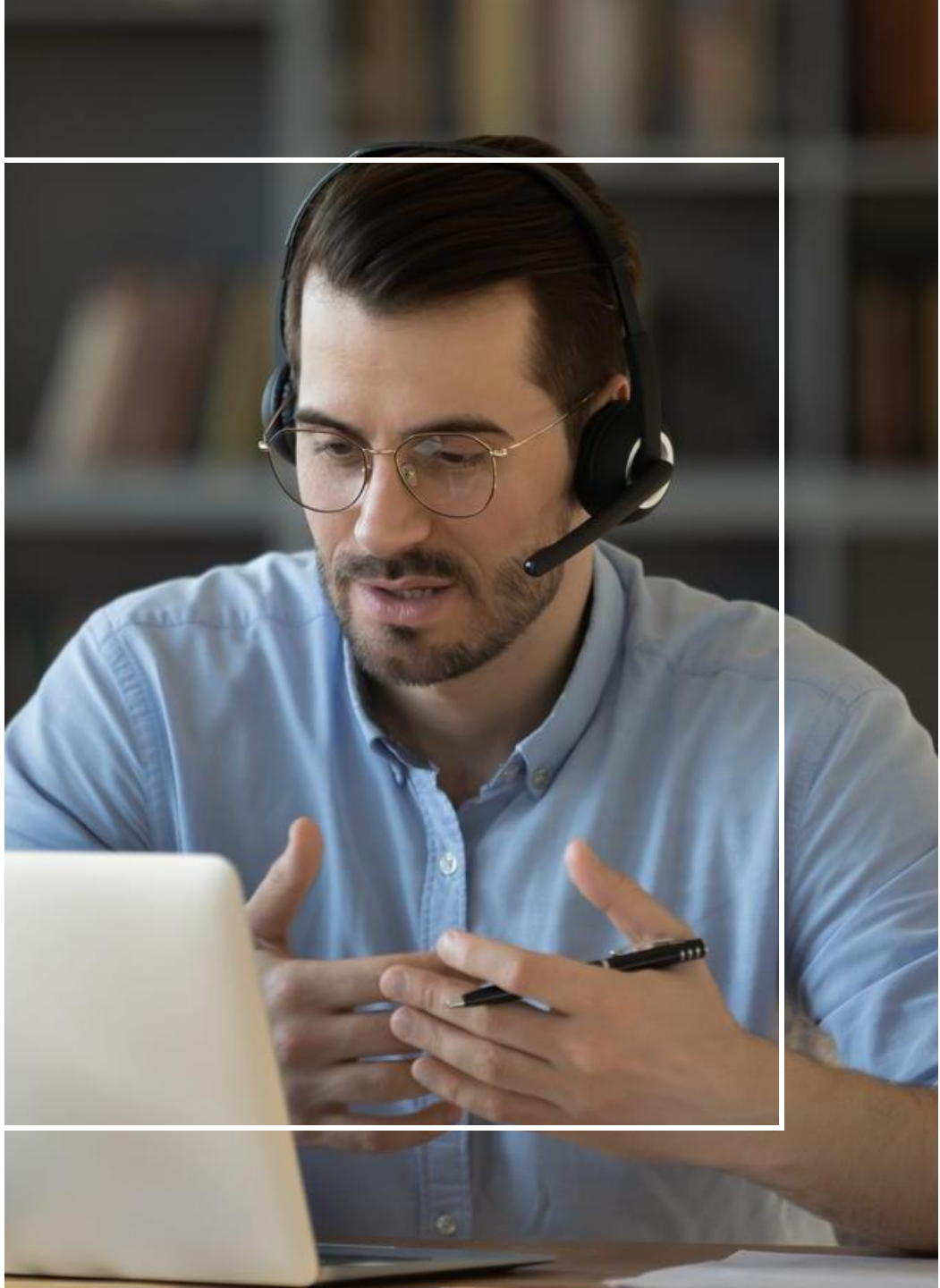
ISO 14001:2015

Commitments

ECRIMESA GROUP

Full customer satisfaction.

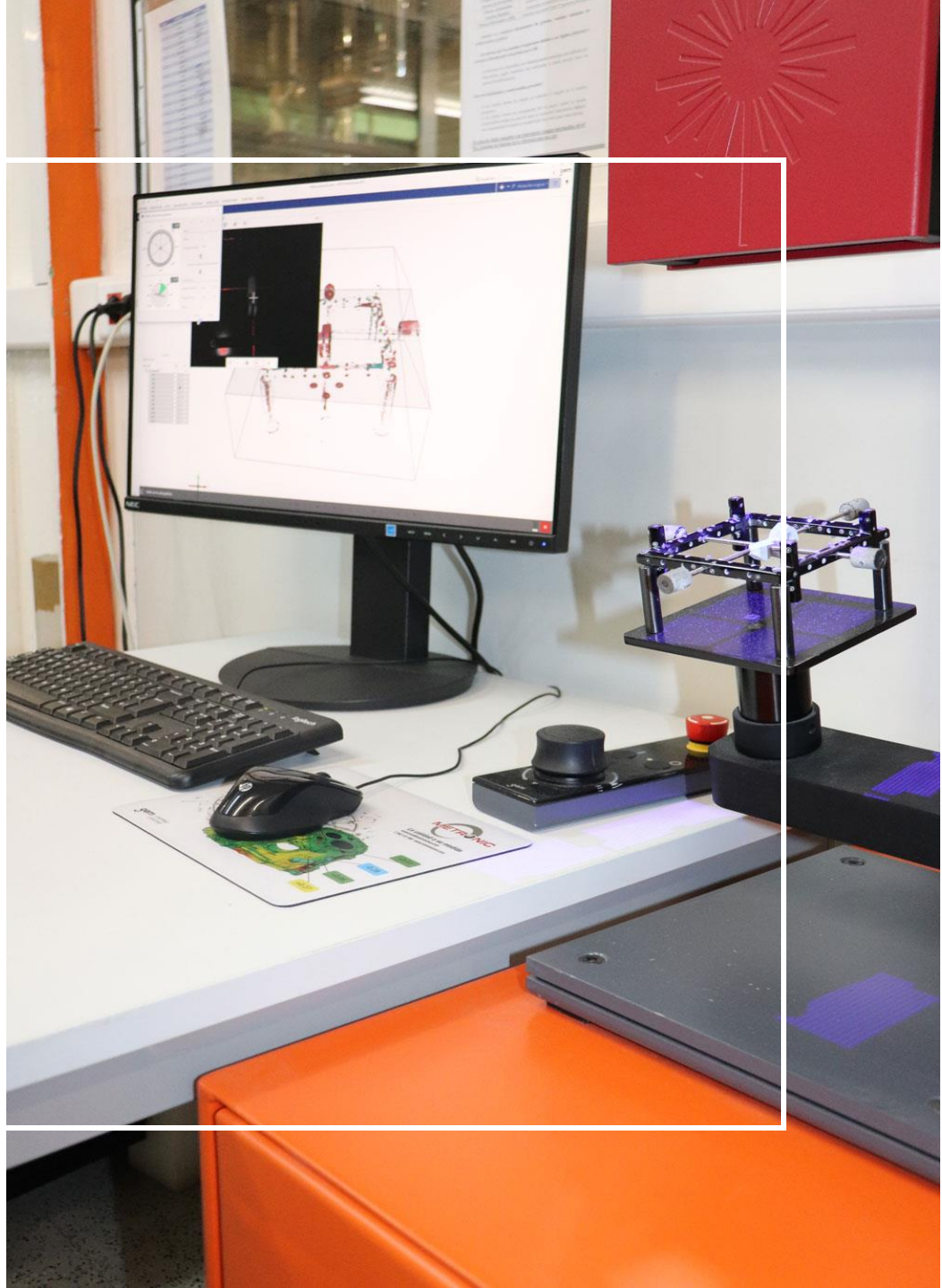
Our main strategic commitment is to provide our clients with full satisfaction through quality products and services.



Commitments.

Continuous Improvement.

We aim to achieve a continual improvement in the productivity and quality of our products and services.



Training.

We promote the training, awareness and participation of all the staff, so that they can identify and eliminate all those problems hindering the improvement of the quality of their work.

Environment.

According to our ongoing commitment with the society and the environment, at least 10% of the annual investment budget is destined to reduce the environmental aspects of our production process.

The EN-ISO 14001 certificate was obtained in 2005.

Last investments.

ECRIMESA GROUP

Last investments.

Incorporation of the fourth production line for annealing and normalizing treatments, with carbon control and monitored by automated control.

Monitoring of the treatment plant, with data capture from the PCLS if possible or with incorporation of Raspberry into the machinery for this purpose.

Installation of dimensional control with robotic vision, allowing the wrapping of parts.

Last investments.

FDM Desktop Metal Studio installation to build prototypes and small-scale series of MIM parts through Additive Manufacturing.

Muratec MW120 with double spindle and integrated dimensional control device.

Cobot for the machining line in order to improve the productivity and the ergonomics of the workplace.

ECRIMESA GROUP

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