



Saeta
Die Casting

Lightweight
Die Cast
Aluminium
Components

saetadiecasting.com/en



WHY SAETA DIE CASTING



TOOLING DEVELOPMENT

SAETA is responsible for the design and monitoring of the manufacture of casting tools, machining and automatic deburring.

By means of casting simulations we provide the best guide to the mould maker for the manufacture of the mould as a critical element in the process.



MANUFACTURING

Maximising efficiency, reducing waste and improving quality in production under the LEAN MANUFACTURING system.

We focus on putting customer value at the centre, creating processes with efficient flows, reducing waste and identifying areas for continuous improvement.



DESIGN SUPPORT

Proporcionamos asistencia completa en el diseño de su producto para conseguir la factibilidad en fundición y la mejor optimización en términos de coste vida útil de la herramienta.



LIFECYCLE SUPPORT

We are committed to providing customer service and support throughout the useful life of the product.

We have digitalised processes to manage industrialisation, engineering changes and any query or request at any stage of the product.



EXPERTS IN TECHNICAL
SOLUTIONS FOR THE
COMPLETE MANUFACTURE
OF ALUMINIUM PARTS
BY HIGH PRESSURE DIE
CASTING (HPDC) . — — —

Our foundry will support you **from design to delivery of the final product**, offering solutions adapted to your manufacturing needs for medium to large parts.

Saeta

DIE-CAST ALUMINIUM FOR THE MOST DEMANDING INDUSTRIES.

At SAETA DIE CASTING we manufacture die-cast aluminium components for a wide variety of industrial sectors.

Our parts stand out for their quality, reliability and adaptability to multiple applications, always under the highest quality standards.

Sectors we serve:



Lighting



Automotive



Furniture



Tools



Industrial vehicles



Medical equipment



Renewable energies



Household appliances

Saeta

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We manufacture die-cast aluminium components for a wide variety of sectors.



IMF diecasting

Desde 2006 al servicio de la fundición inyectada

- Ingeniería, repuestos y asistencia técnica
- Representantes de ITAPRESSE, GAUSS, DIESSE PRESSE e INDUSTRIAL FRIGO

Esparver Cendrós, nº 5, nave 1
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Process
control



Water
treatment



Aluminum
recycling



LED
lighting



Waste
removal



Solar
generation



QUALITY . — — —

We have a certified Quality Management System together with the best equipment to ensure that our customers' expectations are met.

- Flow simulation
- Spectrometry
- X-ray
- 3D measurements



SUSTAINABILITY . — — —

We remain committed to environmental respect and sustainability by implementing specific plans for:

- Water treatment
- Waste treatment
- Recycling of materials



And for the reduction of energy consumption:

- Photovoltaic generation
- LED lighting
- Consumption monitoring

SECURITY . — — —

We apply continuous improvement for risk management, for health and safety at work by developing a preventive culture of the organisation that allows us to increase operability by reducing:

- Emergency situations
- Accidents
- Illnesses



“Quality is
not just an
objective, it is
a guarantee.”



MetalFlow®

- ✓ Lubricantes para fundición
- ✓ Fluidos para mecanizado y deformación
- ✓ Lubricantes para forja
- ✓ Lubricantes industriales
- ✓ Fluidos para tratamiento de superficies

metal-flow.com

COMPREHENSIVE SOLUTIONS FOR INDUSTRY

At SAETA DIE CASTING we manage the entire production value chain, offering finished parts ready to be integrated directly into the final product.

We take care of every stage of the process, from design to finishing, guaranteeing the highest quality and adapting to the specific needs of each project.



ALEACIONES

Aluminum alloys used:

EN AC 44100 (EN AC – AlSi12).

EN AC 47100 (EN AC – AlSi12Cu1 (Fe)).

EN AC 46500 (EN AC – AlSi9Cu3 (Fe))



FUNDICIÓN



400 T
550 T
630 T



800 T
900 T
1,100 T



1,250 T
1,350 T
1,600 T





FINISHING

Elimination of feed and overflows by means of robotised deburring stations.



MACHINING

Machining using flexible CNC numerical control centres, including the design and manufacture of machining tools.

- 4 CNC – 3 axes
- 2 CNC – 3+1 axes
- 3 CNC – 5 axes

Use of CAM software for programming and process simulation.



SURFACE

Flexible finishing solutions:

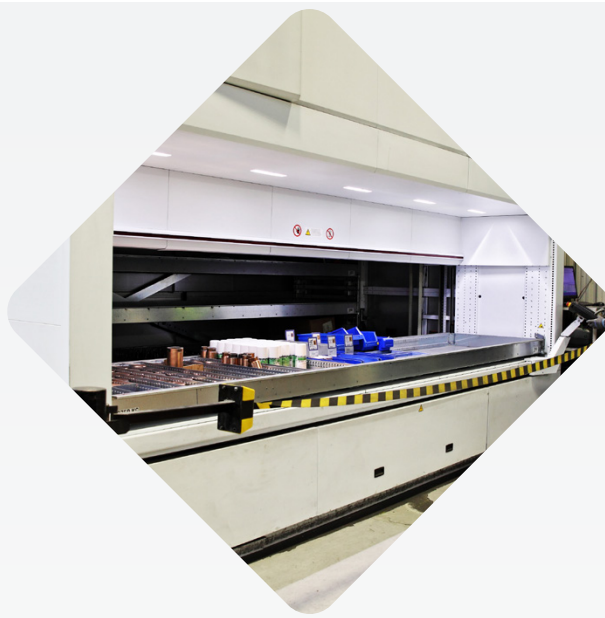
- Vibratory blasting in a tank.
- Shot blasting by means of steel ball in drum or belt.
- Powder coating in a range of colours chosen by the customer.



QUALITY CONTROL

Quality assurance using PPAP methodology and supported by monitoring and measuring equipment at each stage of the process:

- Alloy spectrometry
- X-rays
- Three-dimensional measurement
- Optical scanning




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At SAETA DIE CASTING we manage the entire production value chain.



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