





## Introduction

Our Product

State-of- the-art technology

Our Plants



1965

**ELAY**  
founded:  
Forging parts  
machining.

1970

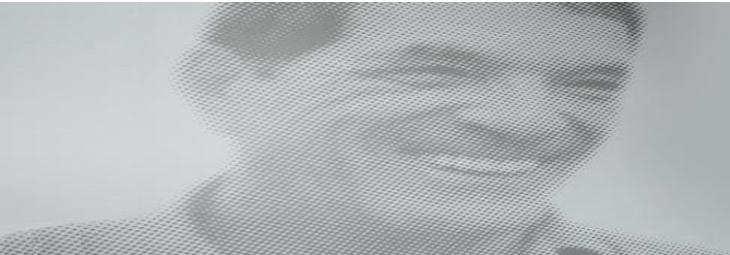
First  
Fine  
**Blanking**  
activity.

2000

**CELAY, S.A. de  
C.V. (Mexico):**  
A fine blanking,  
heat treatment,  
coating and  
overmoulding  
production plant.

2013

**Elay Automotive  
Components  
(Kunshan, China):**  
A fine blanking and  
overmoulding  
production plant.





# ELAY Group locations

 Production Plants

 Sales Office (Germany)

 Sales Office (USA / CAN)



2022 Data

47

Europe

41

America

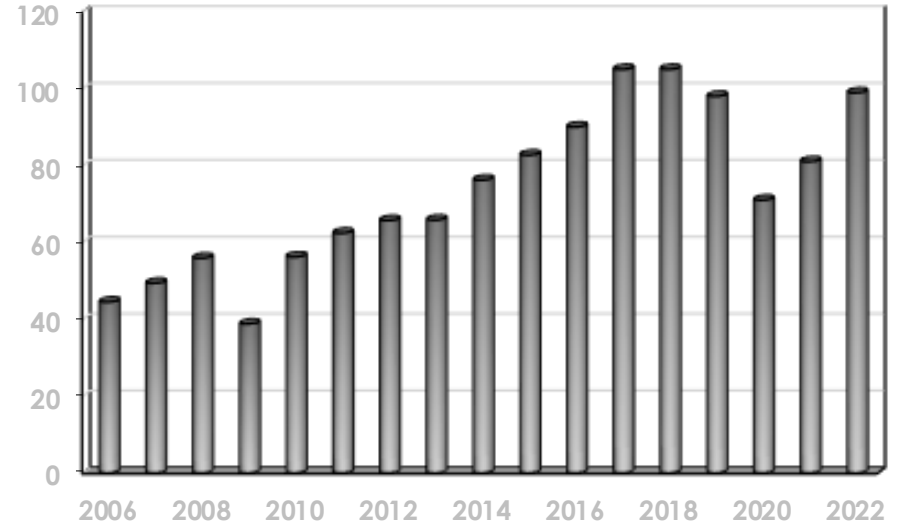
12

Asia

**100 M. €**

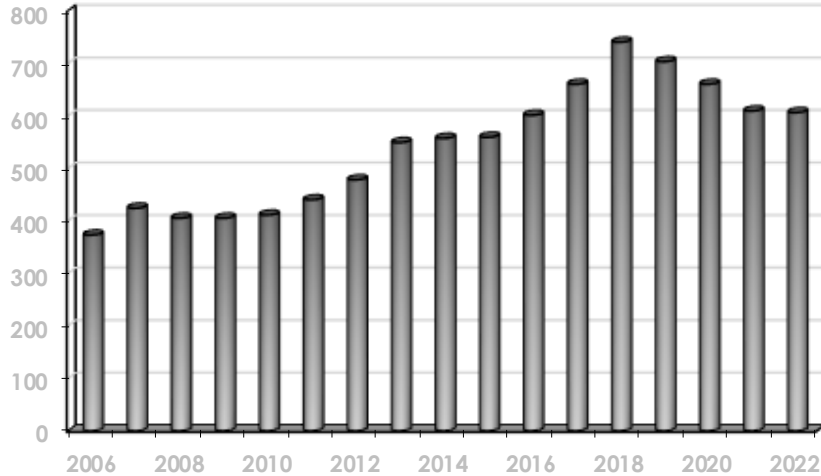
Total Sales  
ELAY Group

TOTAL TURNOVER (Million €)



2022 Data

TOTAL PERSONNEL ELAY GROUP



211

Europe

334

America

70

Asia

615

Total Personnel  
ELAY Group





Thanks to our three production plants, we are capable to be present wherever necessary.





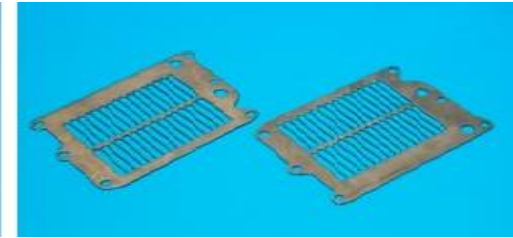
**From Conventional Stamping to Fine Blanking**



**From Casting to Fine Blanking**

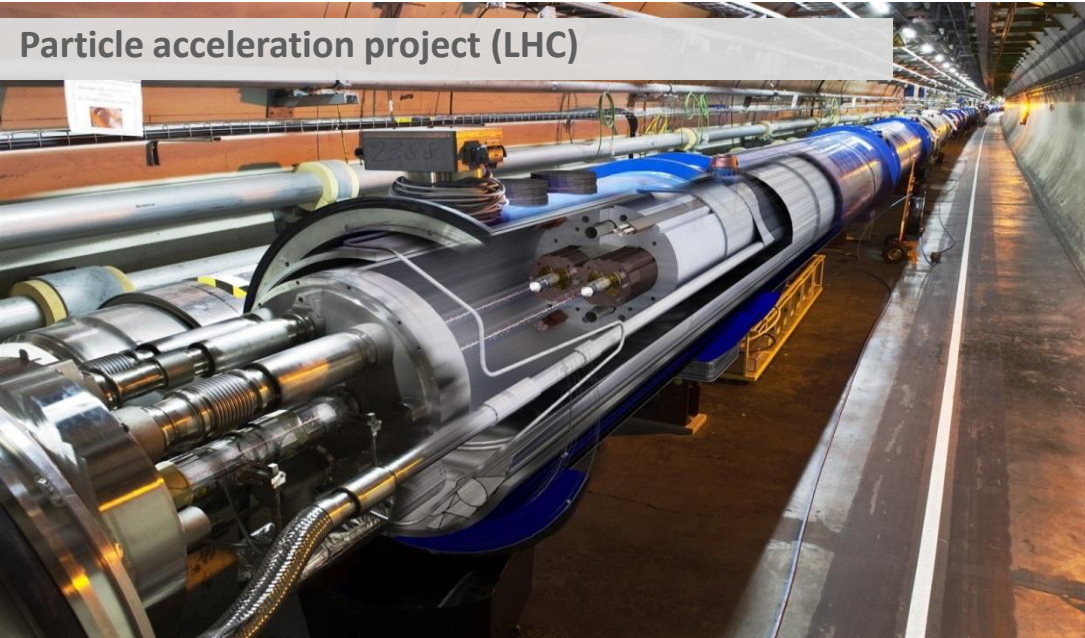


**From Aluminium Injection to Fine Blanking**



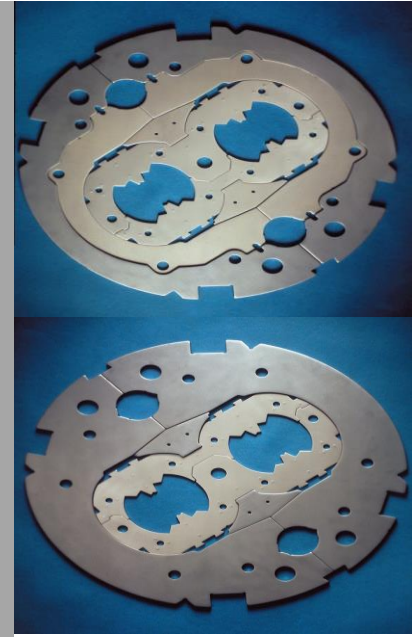
**From Laser to Fine Blanking**





Particle acceleration project (LHC)

Parts manufactured in stainless steel with high manganese and low carbon content. Maximum diameter 500 mm.





A spirit of quality and service  
"ISO Certificate" for the companies of  
the Group: **ISO 9001, IATF 16949**

## Occupational Risk Prevention Policy

We work according to ISO 45001 Standards



## Environmental Policy

The management of our operation is in compliance with the ISO 14001 standards



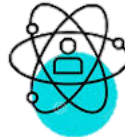
Elay always seeks to provide added value to the customer.



Appropriate professional qualification



Continuous training



Talent development



Market/Customer Satisfaction

Introduction

**Our Product**

State-of- the-art technology

Our Plants





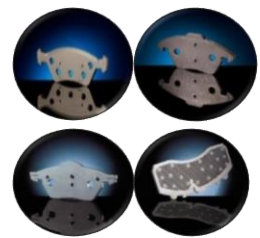
# Our Product

Product Range amplitude:  
Automotive parts

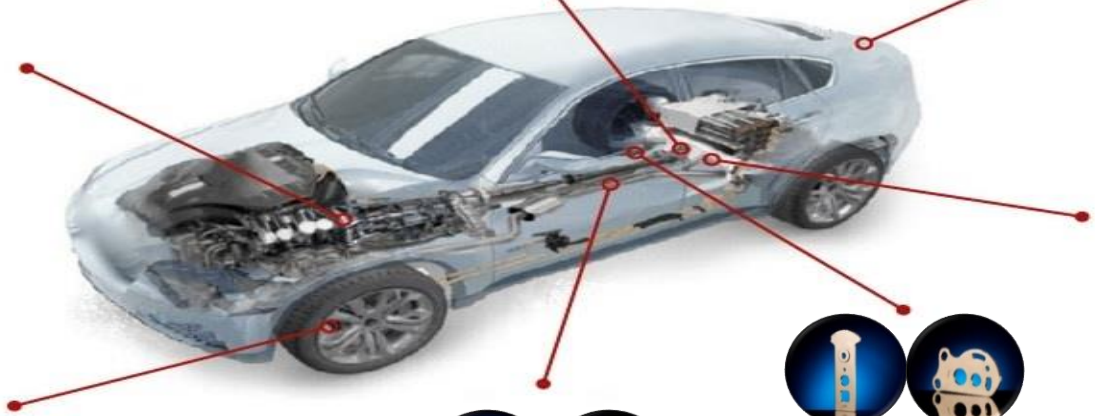
Transmission system



Braking system



Safety system



Exhaust and connection system



Car body system



Closure systems



Seating system

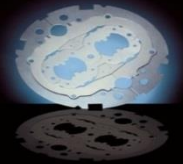


## Our Product

Diversity: Other industries



Gardening tools,  
cutlery parts,  
home appliances,  
computers,  
building elements,  
nuclear industry  
components...





## Our Product

Secondary operations & Prototypes



### Secondary operations:

Band-Grinding, Bending, Deburring, Coating, Plastic overmoulding, Bainitic tempering, Nickel-Chrome coating, Double Grinding.

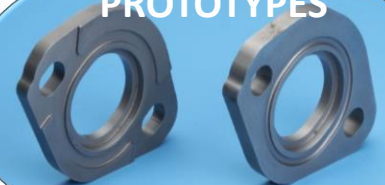
### Prototypes:

Possibility of modifying parts' preliminary design and testing product operation in a cost-effective manner

CAR BODY  
PROTOTYPE PARTS



FLANGE  
PROTOTYPES





## Assemblies



FB + Stamping + Tube crimping



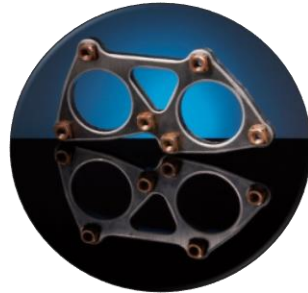
FB + Assembly



FB + Conventional  
Stamping part + Welding



FB + Bending + Coating +  
Conventional Stamping  
part+ Assembly



FB + Threading + Nut  
Assembly



FB + Fine Blanking  
part Assembly

A black and white photograph of a wooden tray filled with various metal mechanical parts, including gears, brackets, and plates, arranged in rows. The tray is set against a dark background.

Introduction

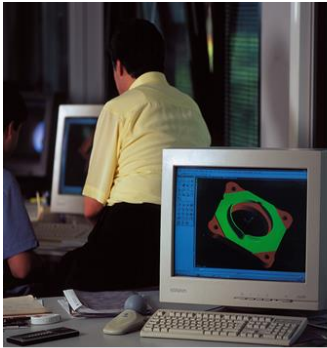
Our Product

**State-of- the-art technology**

Our Plants

## In Fine Blanking Dies

- ✓ Achievement of increasingly complex geometric forms.
- ✓ Quicker completion of delivery times



DESIGN



EDM



MACHINING



FINISHED  
PRODUCT

## Overmoulding

- ✓ Overmoulding capacity in Europe, Mexico and China.
- ✓ Automatic feeding cells.
- ✓ BATTENFELD and ARBURG plastic injection machines.



## Secondary operations

- **Integrated processes:** Bainitic tempering, Nickel-Chrome coating, grinding, band-grinding, deburring, welding and bending.
- **Subcontracted processes:** Machining, thermal treatments, various coating, assembly, etc.

A black and white photograph of a wooden tray filled with various metal mechanical parts, including gears, brackets, and plates, arranged in rows. The tray is set against a dark background.

Introduction

Our Product

State-of- the-art technology

**Our Plants**

## ELAY Europe (HQ) Antzuola-Basque Country



**Surface:** 15.737 m<sup>2</sup>, covered 10.110 m<sup>2</sup>.

**Activity:** Production of fine blanking dies and parts. Secondary operations. Plastic overmoulding.

**Machinery:** 9 Fine blanking presses from 320 TN to 1.200 TN.  
3 BATTENFELD plastic injection machines.  
“AGIE” and “CHARMILLES” EDM machines.  
Double face grinding.

**Personnel:** 211

**Certificates:** ISO 9001, IATF 16949, ISO 14001, ISO 45001.

ELAY Asia  
Elay Automotive Components, Kunshan-China



**Covered surface:** 5.500 m<sup>2</sup>.

**Activity:** Production of fine blanking parts. Plastic overmoulding.

**Machinery:** 3 Fine blanking presses from 320 Tns to 800 Tns. 2 BATTENFELD plastic injection machines.

**Personnel:** 70

**Certificates:** ISO 9001, IATF 16949, ISO 14001

ELAY Americas  
Celay, S.A. de C.V., Celaya-Mexico



**Surface:** 77.000 m<sup>2</sup>, covered 13.600 m<sup>2</sup>.

**Activity:** Production of fine blanking parts. Bainitic tempering and Nickel/Chrome coatings. Plastic overmoulding. Assembly.

**Machinery:** 6 Fine blanking presses from 320 TN to 1.200 TN.  
16 BATTENFELD and ARBURG plastic injection machines.  
Bainitic tempering and Nickel/Chrome coating.  
Deburring, Belt sanding, Double face grinding, Mechanical and welded assembly.

**Personnel:** 334

**Certificates:** ISO 9001, IATF 16949, ISO 14001, ISO 45001, C-TPAT.



- Fine Blanking press lines: 310 Tons, 400 Tons, 630 Tons, 800 Tons, 1,100 Tons, 1,200 Tons.
- Plastic over molding cells: 100 Tons, 150 Tons, 200 Tons
- Automated metal grinding (1-surface and 2- surfaces)
- Automated metal sanding (1-surface)
- Deburring
- Metal washing
- Projection welding
- Mechanical clinching and staking.
- Orbital riveting
- Crimping
- Eddy Current (hardness test)
- Automated tapping
- Nickel-Chrome coating
- Zinc plating
- CNC and EDM
- Bainitic tempering.

Our products are mainly for, Safety systems, Closure systems, Braking systems, Seating systems, Car body structure, Exhaust, Transmissions, and connection systems.

Please feel welcome to visit our new website! <https://www.elay.eus/en/>

# Thank you!



[www.elay.eu](http://www.elay.eu)