



## 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

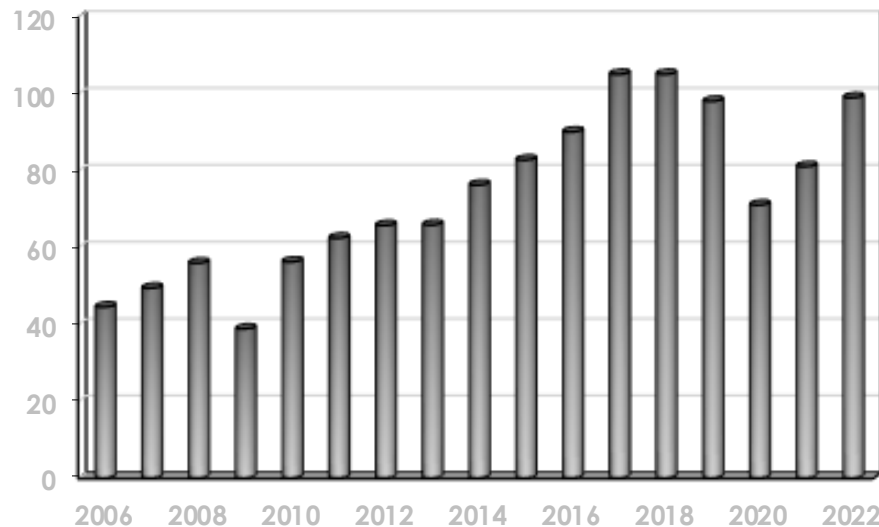
12

Asia

99 M. €

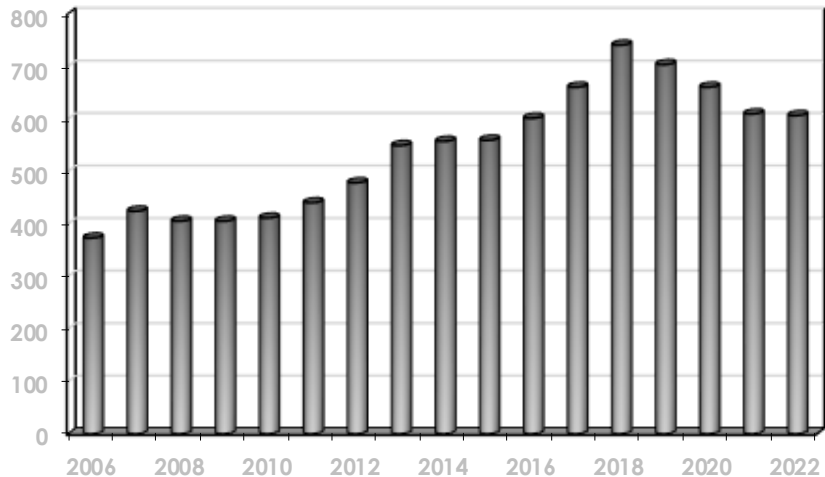
Total Sales  
ELAY Group

TOTAL TURNOVER (Million €)



2022 Data

TOTAL PERSONNEL ELAY GROUP



211

Europe

331

America

70

Asia

612

Total Personnel  
ELAY Group







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





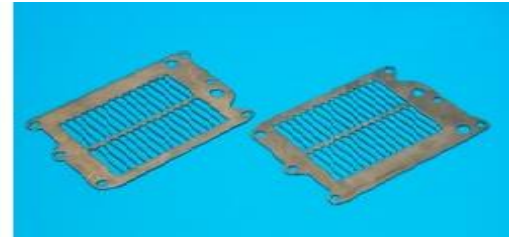
**From Conventional  
Stamping to Fine  
Blanking**



**From Casting to  
Fine Blanking**

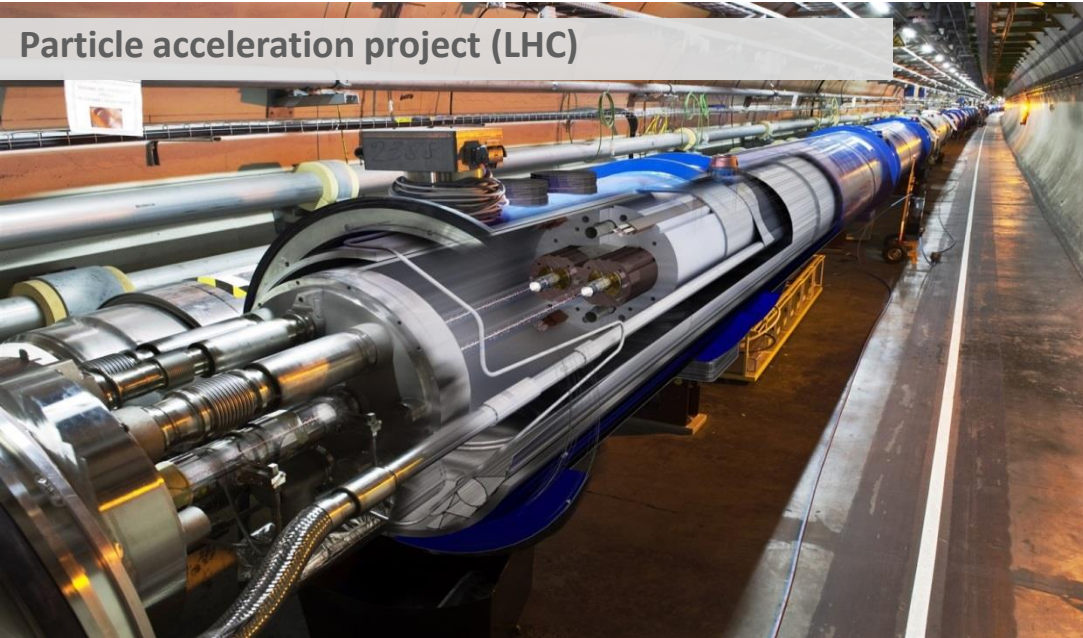


**From Aluminium  
Injection to Fine  
Blanking**

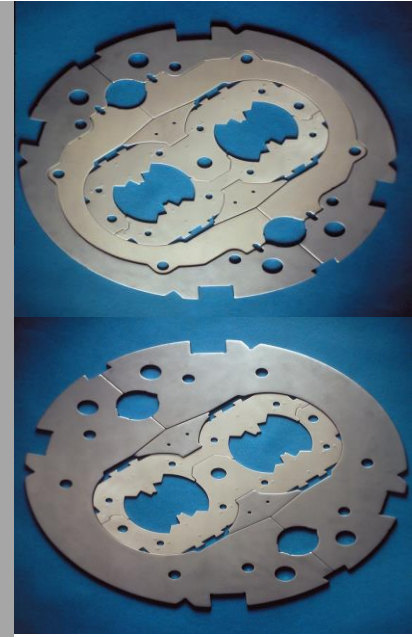


**From Laser to  
Fine Blanking**





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



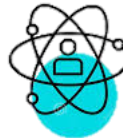
Elay always seeks to provide added value to the customer.



Appropriate  
professional  
qualification



Continuous  
training



Talent  
development



Market/Customer  
Satisfaction



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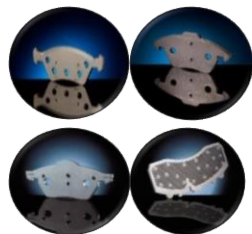
## Our Product

Product Range amplitude:  
**Automotive parts**

Transmission  
system



Braking  
system



Safety  
system



Car body  
system

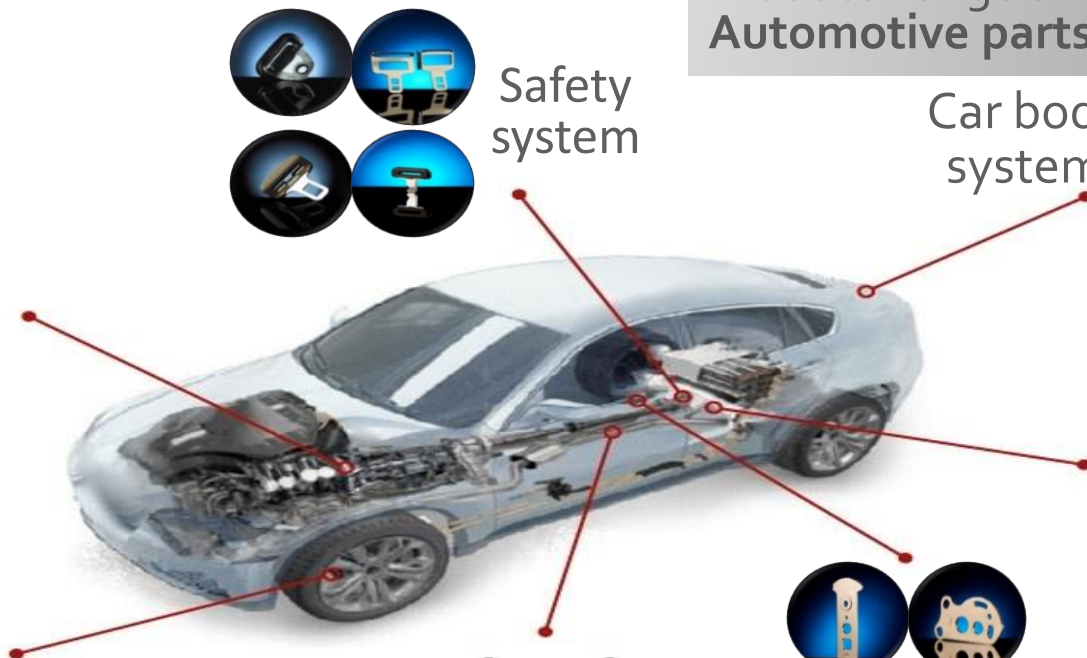


Closure  
systems

Exhaust and  
connection  
system



Seating  
system



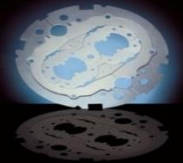


## Our Product

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, Induction tempering, Deburring, Coating, Plastic overmoulding, Bainitic tempering, Nickel-Chrome coating, Grinding, Cataphoresis

#### Prototypes:

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

#### CAR BODY PROTOTYPE PARTS



#### FLANGE PROTOTYPES



## Assemblies



FB + Coating + Conventional  
Stamping part + Welding



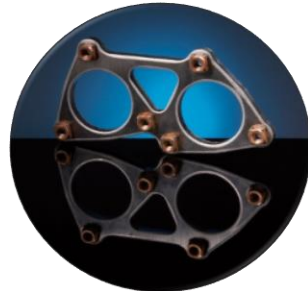
FB + Assembly



FB + Conventional  
Stamping part + Welding



FB + Bending + Coating +  
Conventional Stamping  
part+ Assembly



FB + Threading + Nut  
Assembly



FB + Fine Blanking  
part Assembly



Introduction

Our Product

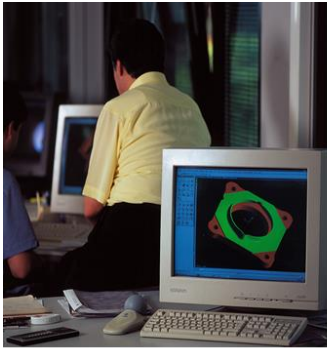
**State-of- the-art technology**

Our Plants



## In Fine Blanking Dies

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



DESIGN



EDM



MACHINING



FINISHED  
PRODUCT

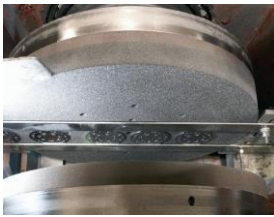
## Overmoulding

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

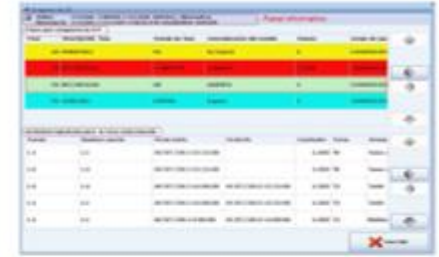
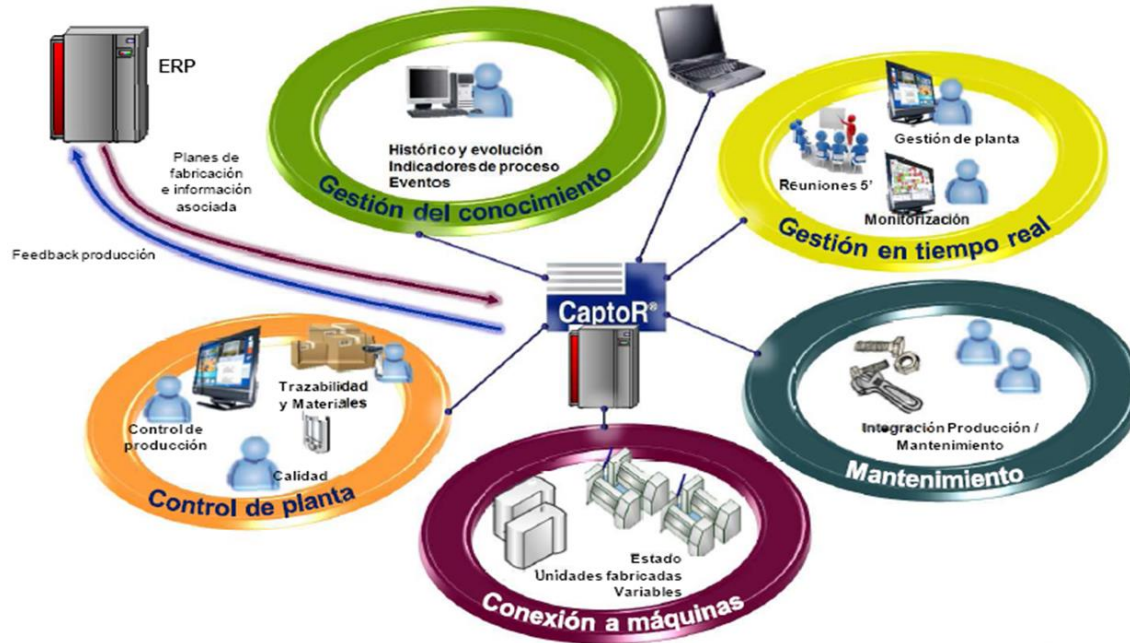


## Secondary operations

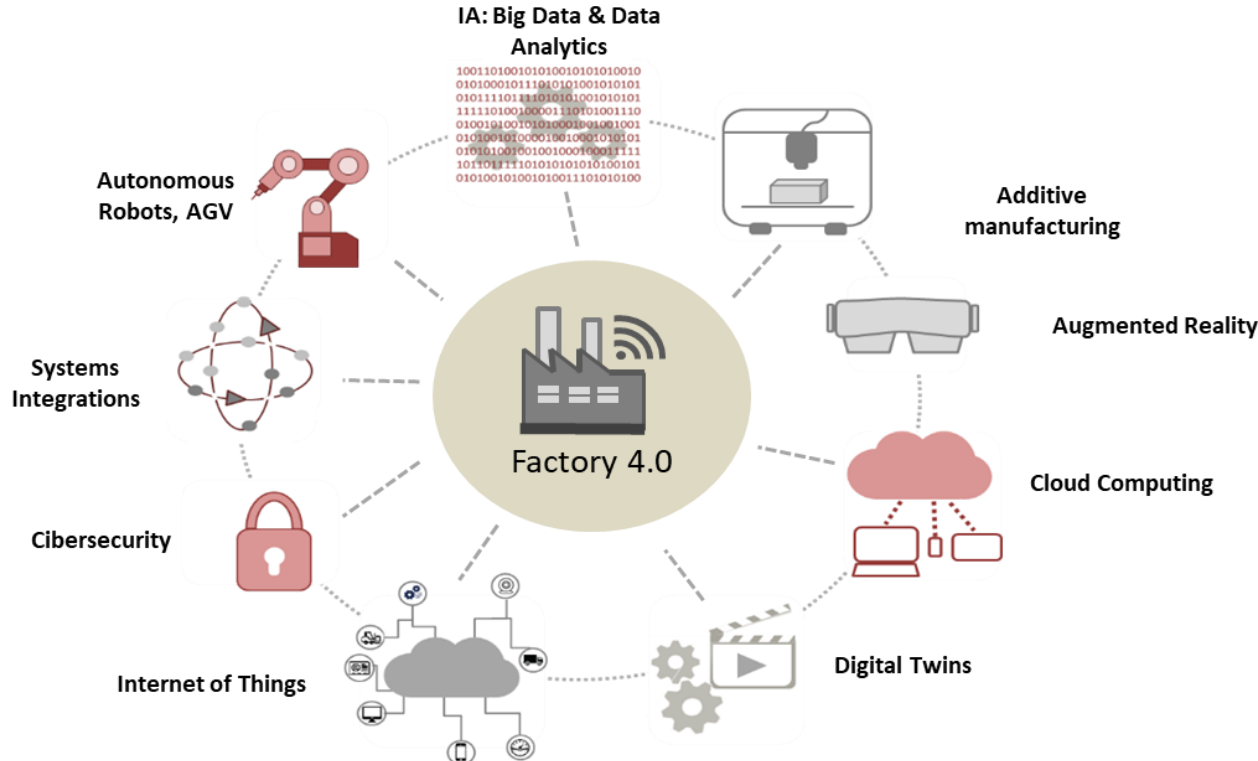
- **Integrated processes:** Bainitic tempering, Nickel-Chrome coating, grinding, band-grinding, deburring, welding and bending.
- **Subcontracted processes:** Machining, thermal treatments, various coating, assembly, etc.



## CAPTOR- In plant data capture in all processes



## DIGITALIZATION STRATEGY- INDUSTRY 4.0



- ✓ Collaborative robotics
- ✓ Virtual Reality
- ✓ The cloud
- ✓ Big Data
- ✓ Cyber security
- ✓ i.e...

A black and white photograph of various mechanical parts, including gears, brackets, and plates, arranged on a wooden surface. The parts are of different shapes and sizes, some with holes and slots. A semi-transparent grey box with a red vertical line on its left side is overlaid on the right side of the image, containing the table of contents text.

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## ELAY (HQ) Antzuola



**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 Tns to 1.200 Tns. 3 BATTENFELD plastic injection machines. "AGIE" and "CHARMILLES" EDM machines. Double face grinding.

**Personnel:** 225

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

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



**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 Tns to 1.200 Tns. 16 BATTENFELD and ARBURG plastic injection machines. Bainitic tempering and Nickel/Chrome coating facilities. Double face grinding.

**Personnel:** 390

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

- 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/>



ELAY China  
Elay Automotive Components, Kunshan



**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:** 85

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

# Thank you!



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