





## 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  
and overmolding  
plant of 10.500 m<sup>2</sup>  
and a total area of  
77.000 m<sup>2</sup>.

2013

**Elay Automotive  
Components  
(Kunshan, China):**  
A fine blanking and  
overmolding  
production plant of  
5.500 m<sup>2</sup>.

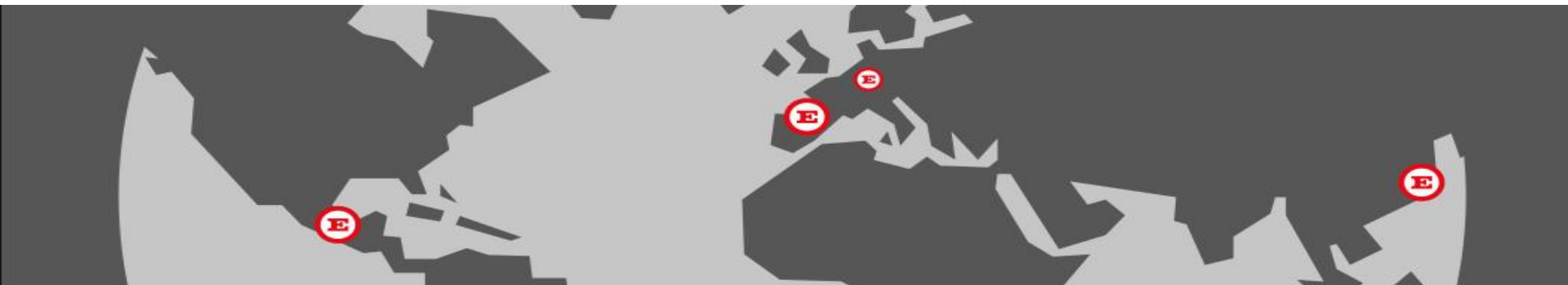
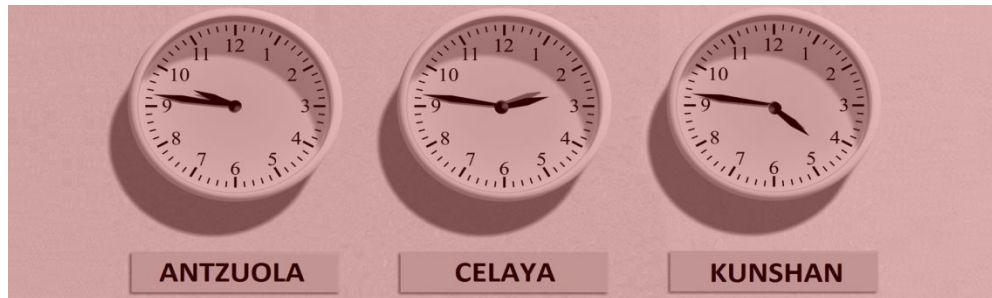




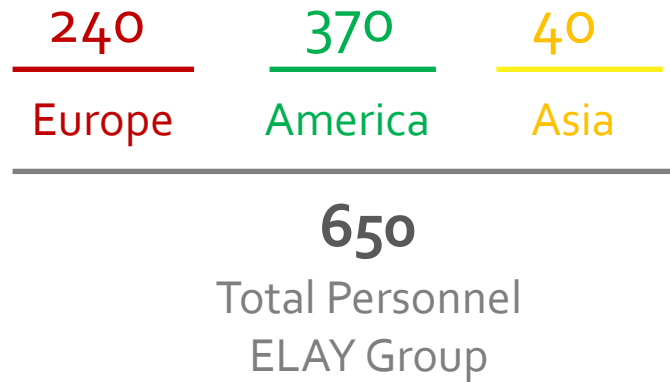
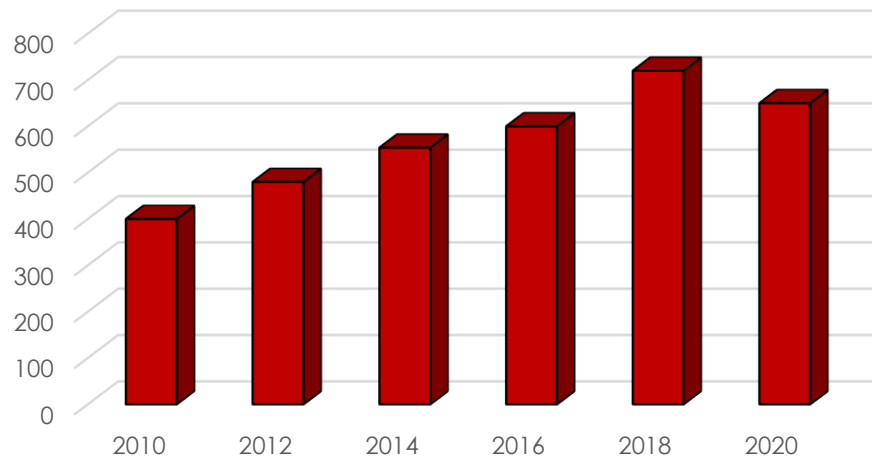
# Organisation

 Production Plants

 Sales Office (Germany)



## TOTAL PERSONNEL



60

Europe

42

America

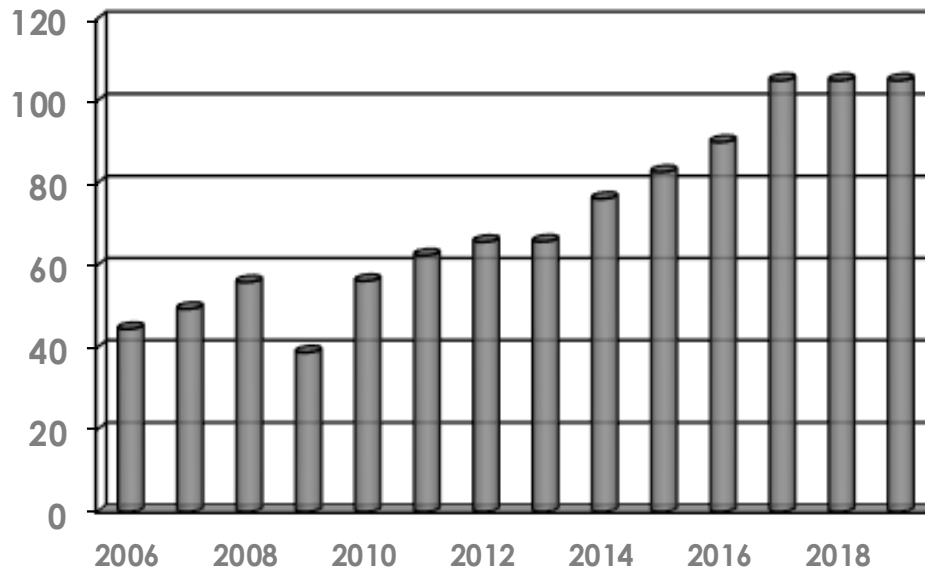
3

Asia

**105 M. €**

Total Sales  
ELAY Group

TOTAL TURNOVER (Million €)







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

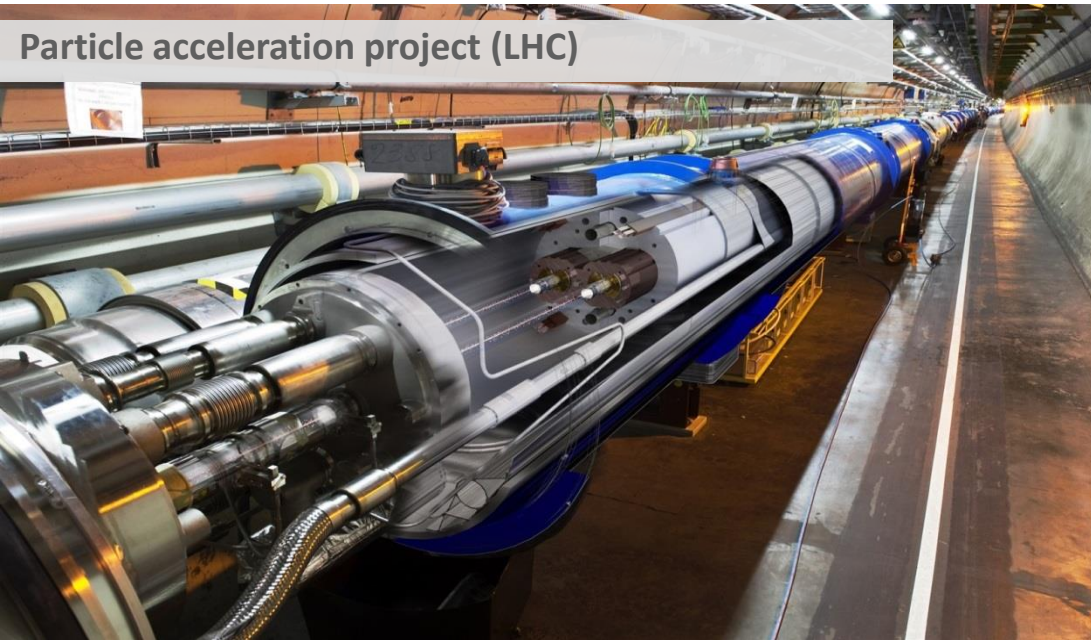


A spirit of Quality and service

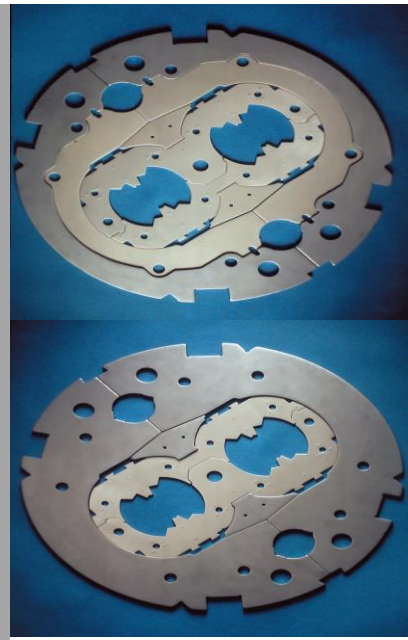
"ISO Certificate" for the companies of the Group: **ISO 9001, IATF 16949, ISO 14001, ISO 45001**



Particle acceleration project (LHC)



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

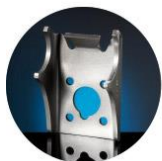


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Transmission system



Braking system



Safety system

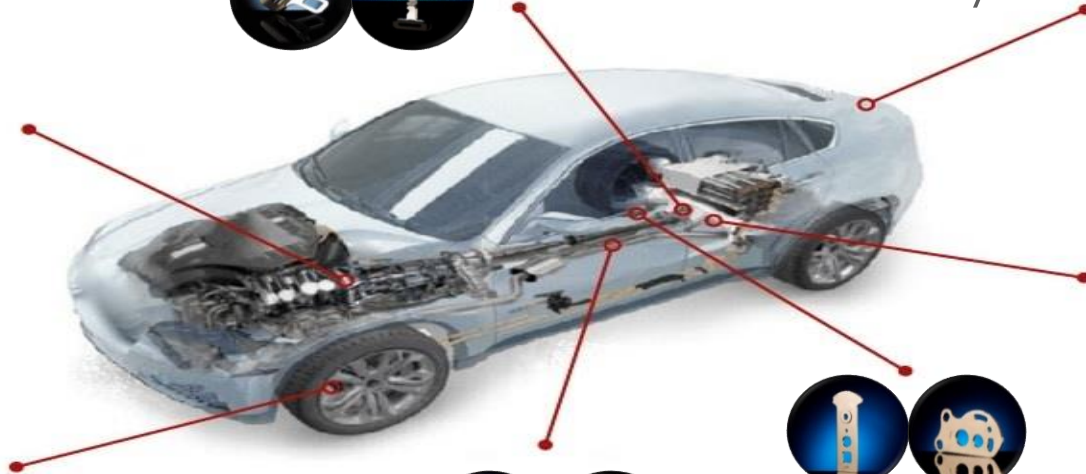
## Our Product

Product Range amplitude:  
**Automotive parts**

Car body system



Closure systems



Exhaust and connection system



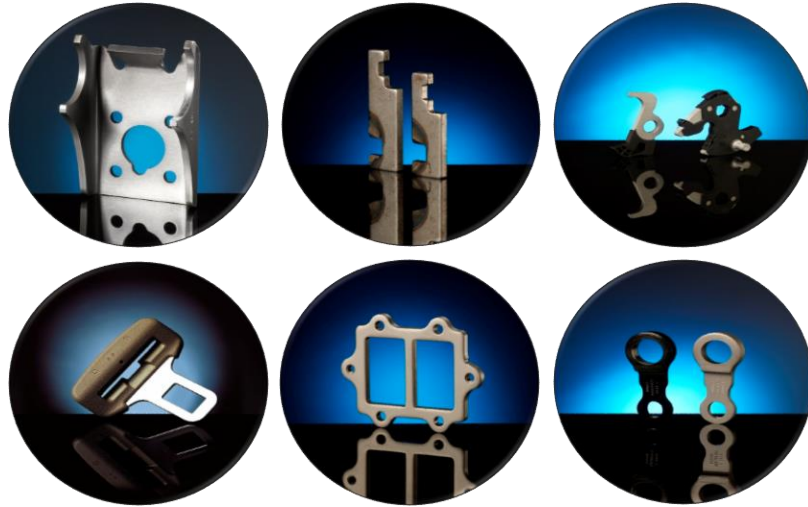
Seating system





## Our Product

### Secondary operations & Prototypes



#### Secondary operations:

Band-Grinding, Bending, Induction tempering, Deburring, Coating, Plastic overmolding, Bainitic tempering, Nickel-Chrome coating, Grinding, Cataphoresis.

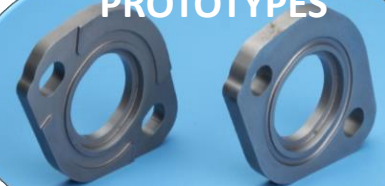
#### Prototypes:

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



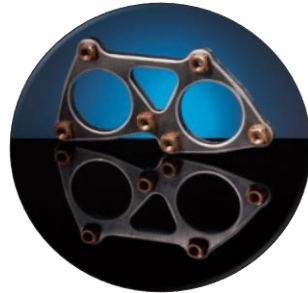
FB + Assembly



FB + Conventional  
Stamping part + Welding



FB + Bending + Coating +  
Conventional Stamping  
part+ Assembly



FB + Threading + Nut  
Assembly



FB + Fine Blanking  
part Assembly



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. The lighting is dramatic, highlighting the textures of the metal and wood.

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## In Fine Blanking Dies

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



## In Fine Blanking

- Presses from 320 to 1.200 tns.
- Automatic feeding cells.

## Overmolding

- ✓ Overmolding 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.



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ELAY (HQ)  
Antzuola, Spain



**Covered surface:** 10.110 m<sup>2</sup> out of 17.878 m<sup>2</sup>

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

**Machinery:** Fine blanking presses from 320 Tns. to 1.200 Tns. "AGIE" and "CHARMILLES" EDM machines. Plant equipped with all the necessary peripherals. BATTENFELD plastic injection machines. Double face grinding.

**Personnel:** 240

Certificates: ISO 9001, IATF 16949, ISO 14001, OHSAS 18001



## ELAY Mexico (CELAY)

Celaya, Guanajuato



**Covered surface:** 16,000 m<sup>2</sup> out of 77.000 m<sup>2</sup>

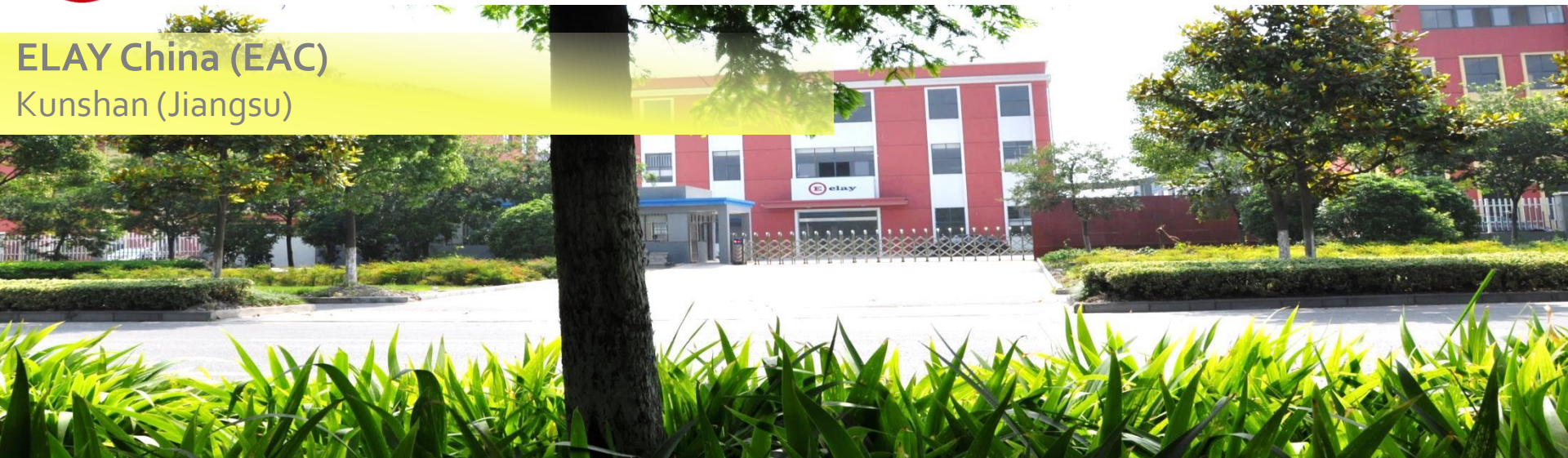
**Activity:** Production of fine blanking parts. Bainitic tempering and Nickel/Chrome coatings. Plastic overmolding.

**Machinery:** Fine blanking presses from 320 Tns to 1.200 Tns. Plant equipped with all the necessary peripherals. BATTENFELD and ARBURG plastic injection machines. Bainitic tempering and Nickel/Chrome coating facilities. Double face grinding.

**Personnel:** 370

**Certificates:** ISO 9001, IATF 16949, ISO 14001, OHSAS 18001, ISO 26000

ELAY China (EAC)  
Kunshan (Jiangsu)



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

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

**Machinery:** Fine blanking presses from 320 Tns to 800 Tns. Production plant equipped with all the necessary peripherals. BATTENFELD plastic injection machines.

**Personnel:** 40

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



# THANK YOU!



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