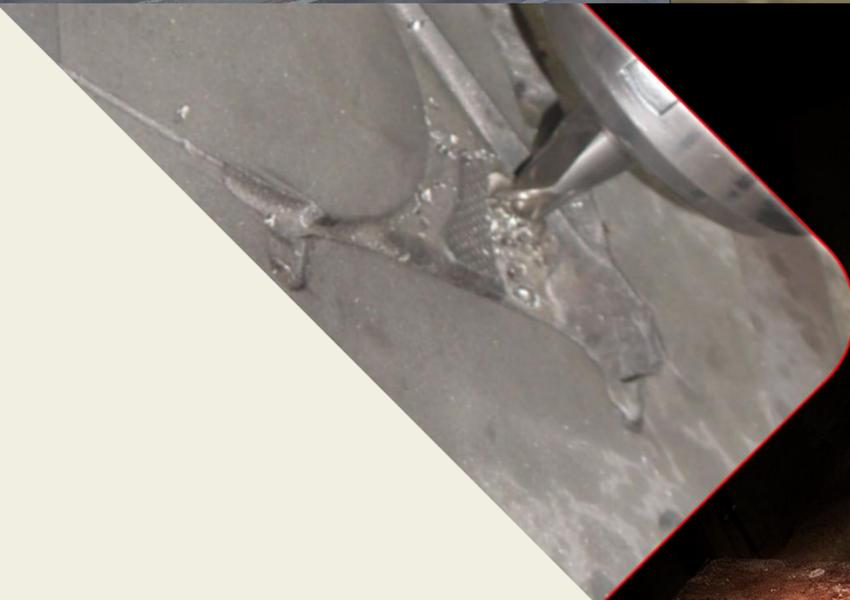
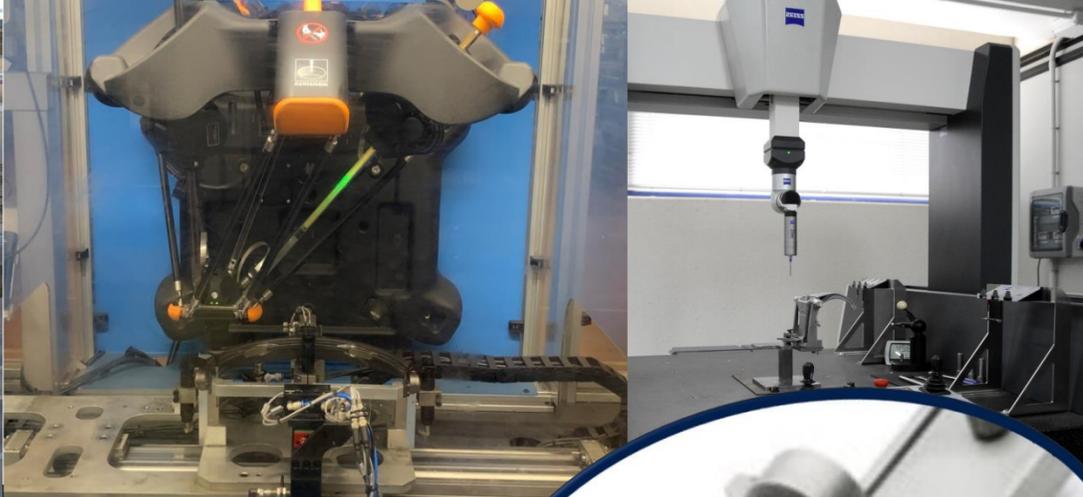


MIASA AUTOMOTIVE



MIASA
Automotive LLC.





Overview presentation

PART 1	ABOUT MIASA AUTOMOTIVE...
PART 2	FIGURES REPRESENTING MIASA AUTOMOTIVE
PART 3	OUR KNOWLEDGE
PART 4	OUR PROCESS
PART 5	OUR ASSOCIATED CAPABILITIES
PART 6	OUR MACHINES / INSTALLATION
PART 7	OUR CUSTOMERS
PART 8	ABOUT F2J INDUSTRY

ABOUT F2J PAMPLONA...



1968



MIASA was founded in February 29th 1968 in Pamplona (Navarra).
The activity was the machining of copper based and aluminium based castings for the different industrial sector : Electrical, railways, irrigation...

1992



MIASA essentially focused in the development and production of automotive components.

2007



Internationalization of the company. MIASA set up a factory in Indiana (USA) to produce local transmission components.

2017



Establishment of a new Manufacturing location in Spain : MIASA ZUERA

2018



MIASA starts diversification strategy.

2023

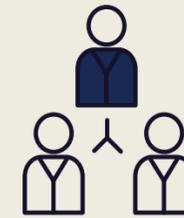


MIASA Group is purchased by F2J Industry in January 2023

FIGURES REPRESENTING F2J PAMPLONA



TURNOVER 2026 : 7,1 M €



30 EMPLOYEES



5 000 M2 FACTORY SURFACE

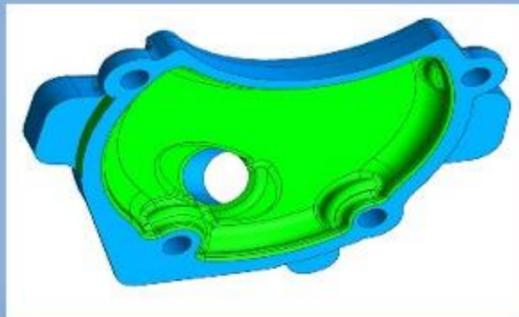
OUR KNOWLEDGE

DESIGN

CAD

Siemens NX (Unigraphics).
Compatibility with other softwares

CUSTOMER
INPUT



SIMULATION

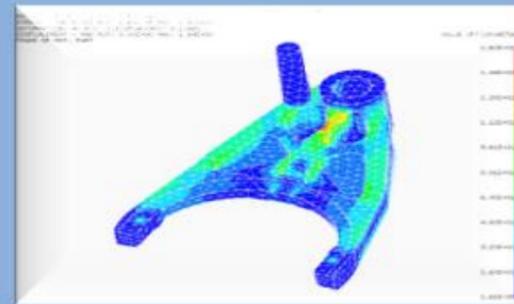
FEA

MSC PATRAN NASTRAN, MARC

CUSTOMER
INPUT

MIASA
OUTPUT

- Loads
- Boundary conditions, if customer prefers to fix them.
- Finite element analysis
- Conclusions

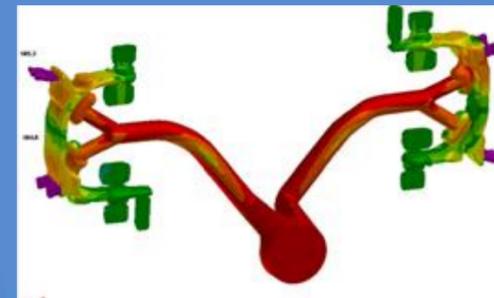


CASTING FLOW SIMULATION

QUIKCAST

MIASA OUTPUT

- Flow simulation is made before mould manufacturing
- We have extensive experience in the use of advanced simulation methods with proven success



TESTING

HYDROPULSE TEST MACHINE

LOAD CELLS: 10 kN & 50 kN

+

CLIMATIC CHAMBER

-30°C & 150°C (-22°F / 302°F)

PADS WEAR TEST FOR THE FORKS

LOAD CELLS: 10 kN & 50 kN

- Fatigue / durability
- Static load tests, breakage
- Stiffness
- Pads wear test for the Forks



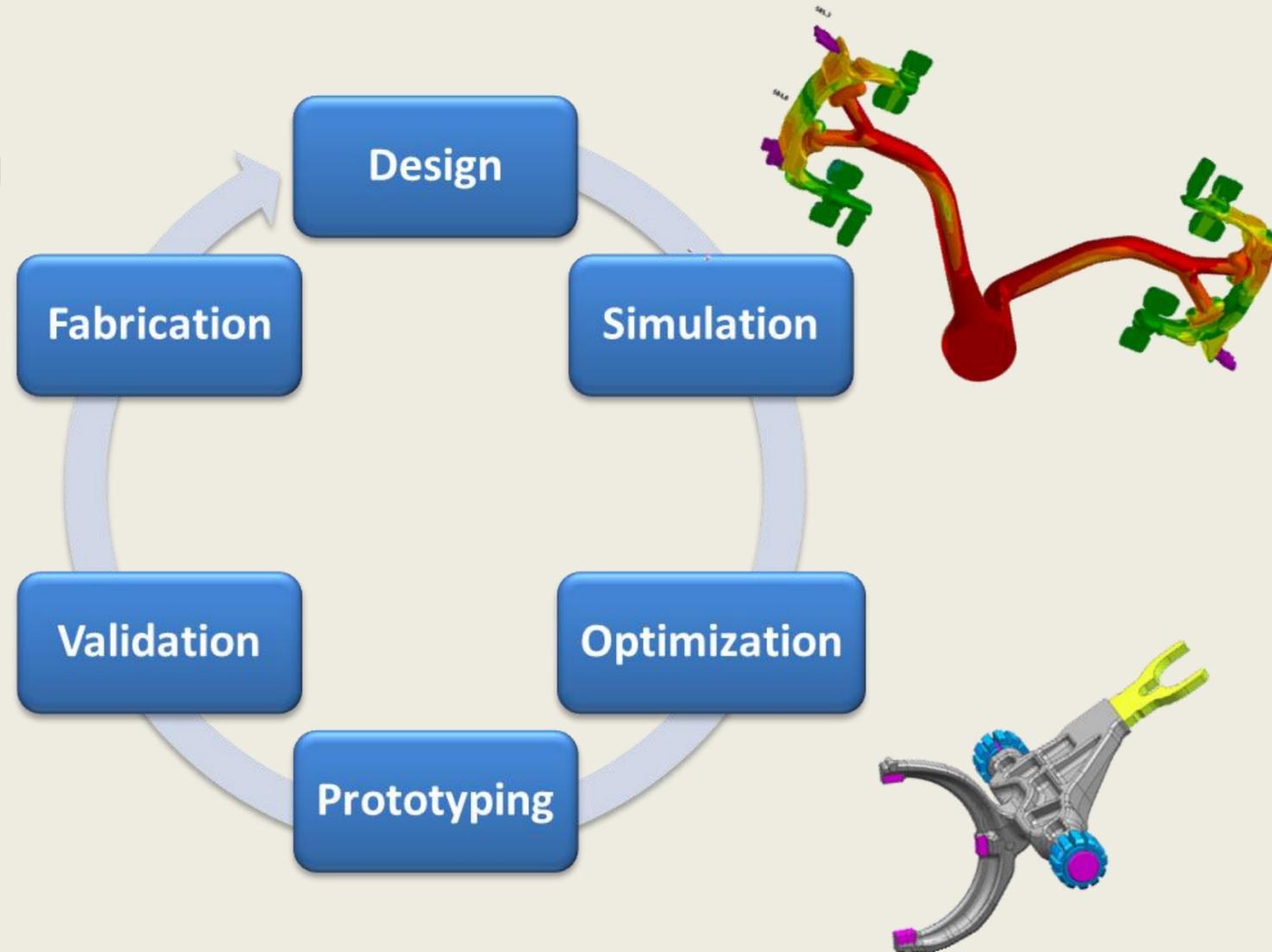
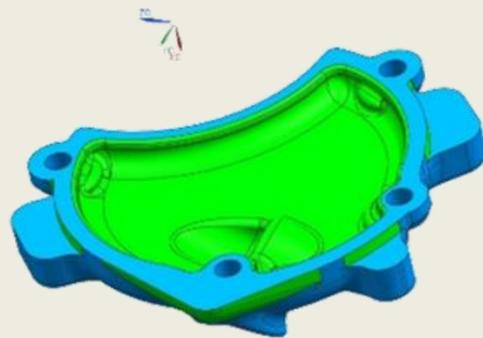
OUR KNOWLEDGE



In our facilities we are able to **develop, simulate, prototype, validate and industrialize** our products.

In cooperation with our customers, new solutions focused on weight and cost reduction resulted in:

- **New materials.**
- **New functions.**
- **New or adaptable assemblies.**
- **Optimization**
- **Quality assurance.**
- **Durability.**



Our process

Machining



- Machining in CNC
- Machining in lathe
- Plastic overmoulding
- Welding
- Induction hardening
- Shafts grinding
- Assembly of components
- In line dimensioning control
- Washing machines
- Leakage testing in production



Our Parts

Transmission shifts



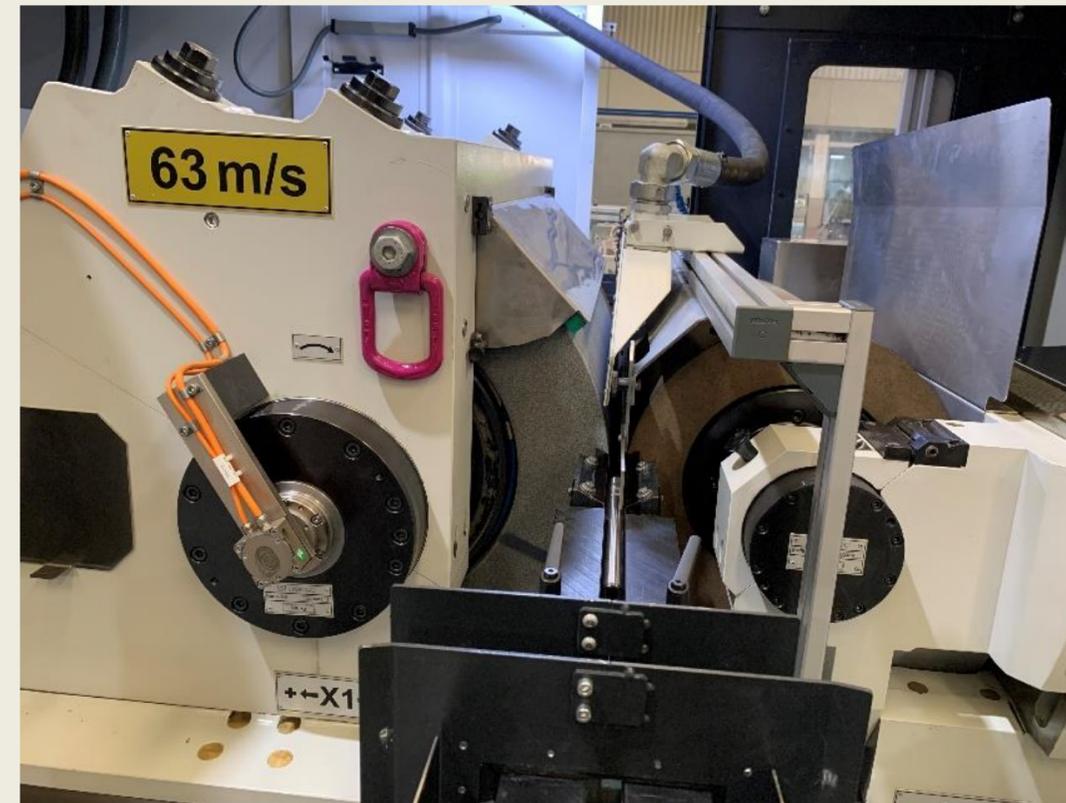
Our Associated Capabilities



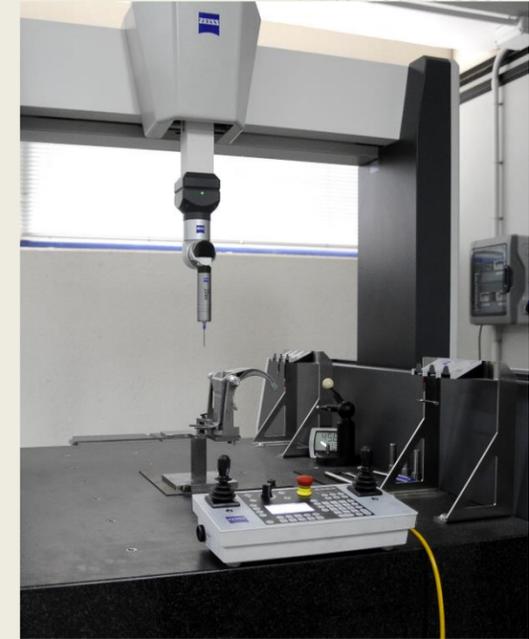
SHAFTS INDUCTION
HARDENING



GRINDING



Our Machines/Installations



Our Customers

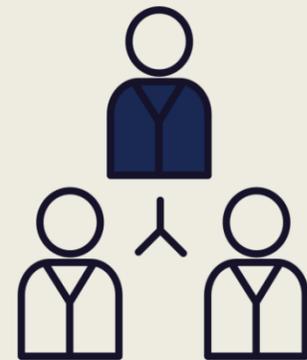




ABOUT F2J INDUSTRY...



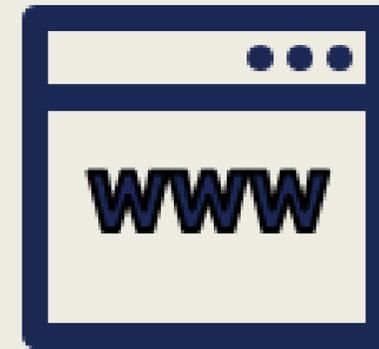
Turnover: 191 M€



1 323 employees



4 plants in France
1 plant in Poland
3 plants in Argentina
1 plant in Brazil
2 plants in Spain
1 plant in USA



<http://f2jindustry.com>



<https://www.linkedin.com/company/f2jindustry>



INDUSTRY

INDUSTRIAL GROUP OF COMPANIES

Revision N° : 2026-01



ARGENTINA



Córdoba

Turnover: 33,8 M€ / 184 Employees
12.354 m² Factory surface
Certified IATF 16949, ISO 14001 and ISO 9001



Córdoba

Turnover: 15,2 M€ / 222 Employees
16.000 m² Factory surface
Certified IATF 16949, ISO 14001 and ISO 9001



Buenos Aires

Turnover: 7,6M€ / 112 Employees
12.000 m² Factory surface
Certified IATF 16949, ISO 14001 and ISO 9001



USA



Indiana

Turnover: 7,1 M€ / 30 Employees
5.000 m² Factory surface
Certified IATF 16949



BRAZIL



São Paulo

Turnover: 40,8 M€ / 363 Employees
22.000 m² Factory surface
Certified IATF 16949, ISO 9001, ISO 14001 ISO 45001 and Tisax certified



SPAIN



Pamplona

Turnover: 8,2 M€ / 38 Employees
7.000 m² Factory surface
Certified IATF 16949, ISO14001



Zuera

Turnover: 26,1 M€ / 102 Employees
6.000 m² Factory surface
Certified IATF 16949 and ISO 14001



POLAND



Radom

Turnover: 5,3 M€ / 30 Employees
3.200 m² Factory surface
Certified IATF 16949, ISO 14001 and ISO 9001



FRANCE



Auxi-le-Château

Turnover: 8,2 M€ / 57 Employees
26.000 m² Factory surface
Certified IATF 16949 and ISO 9001



Chaumont

Turnover: 15,3 M€ / 57 Employees
9.700 m² Factory surface
Certified IATF 16949 and ISO 14001



Bessines-Sur-Gartempe

Turnover: 10 M€ / 68 Employees
12.000 m² Factory surface
Certified IATF 16949 and ISO 9001



Valentigney

Turnover: 12,9 M€ / 60 Employees
18.894 m² Factory surface
Certified IATF 16949, ISO 14001 and ISO 9001



Number of employees: **1323**

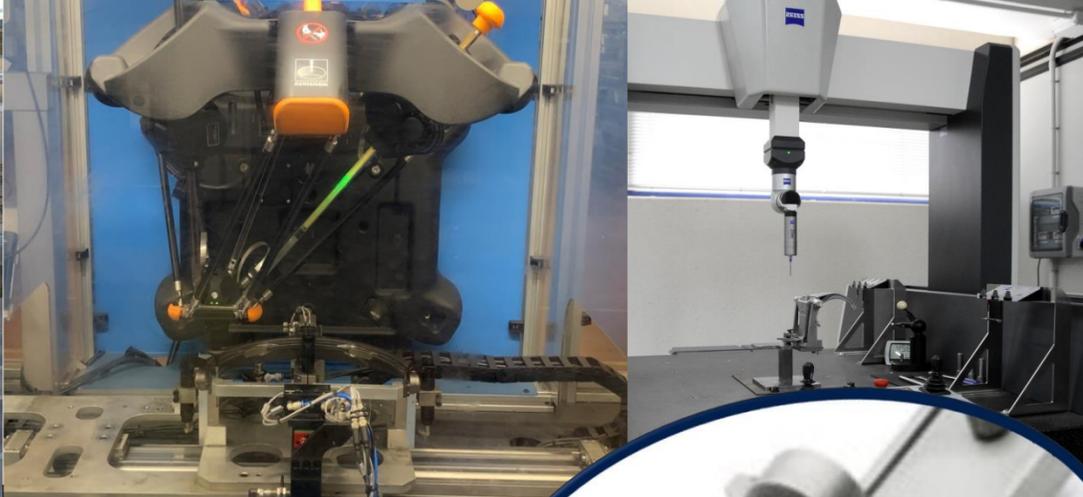


3 sites in Argentina / 1 site in USA / 1 site in Brazil / 2 sites in Spain / 1 site in Poland / 4 sites in France



Annual TO: **191 M€**

Thank you for your
attention!



MIASA
Automotive LLC.