



EROFIO GROUP

OUR HISTORY

EROFIO Foundation

1990

Owned Plant - 4 900 m²/ 53000 ft²

1992

EROFIO ATLÂNTICO Foundation

2000

Plant Ampliation

2009

EROFIO INVESTEMENTS Foundation

2010

New Plant- Jardoeira, Batalha -

17 000 m² / 183000 ft²

2013

Additive Manufacturing Centre

2020



"Today we are at a much higher level and it's good to see the company's rise"

Nelson Novo
Project leader



DIVISIONS



EROFIO

Toolmaking Division



EROFIO ATLÂNTICO

Plastics Division

QUALITY MANAGEMENT CERTIFICATES

Erofió



Erofió Atlântico



05.

In process:



EROFIO GROUP | 2021

KEY FIGURES 2020

- Turnover: 17 316 (k€)
- Workforce: 218
- Investment: 1 100 (k€)
- Financial Autonomy: 74%
- Export Rate: 80%
- VAB: 7 252 (k€)

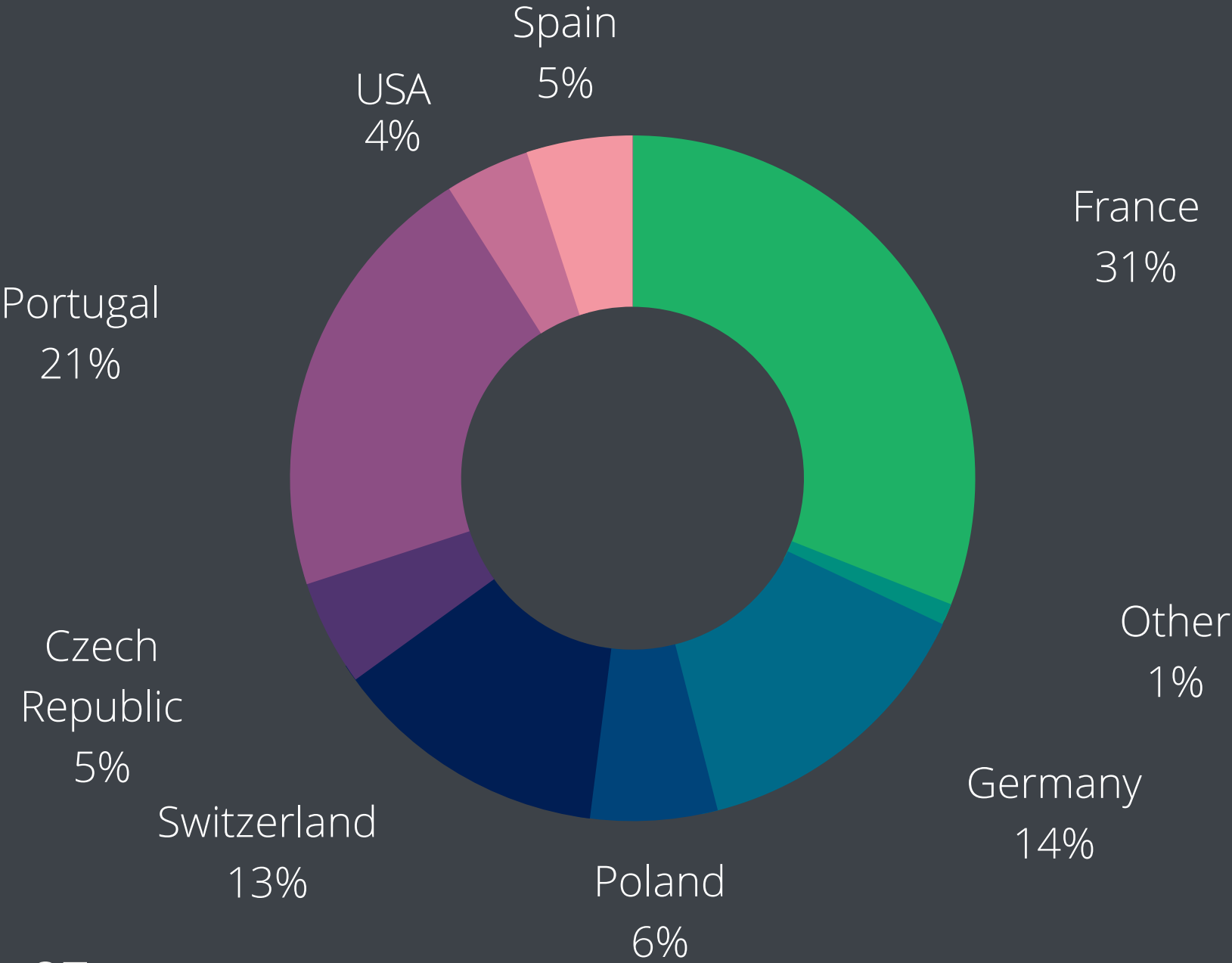


Financial Performance Awards:



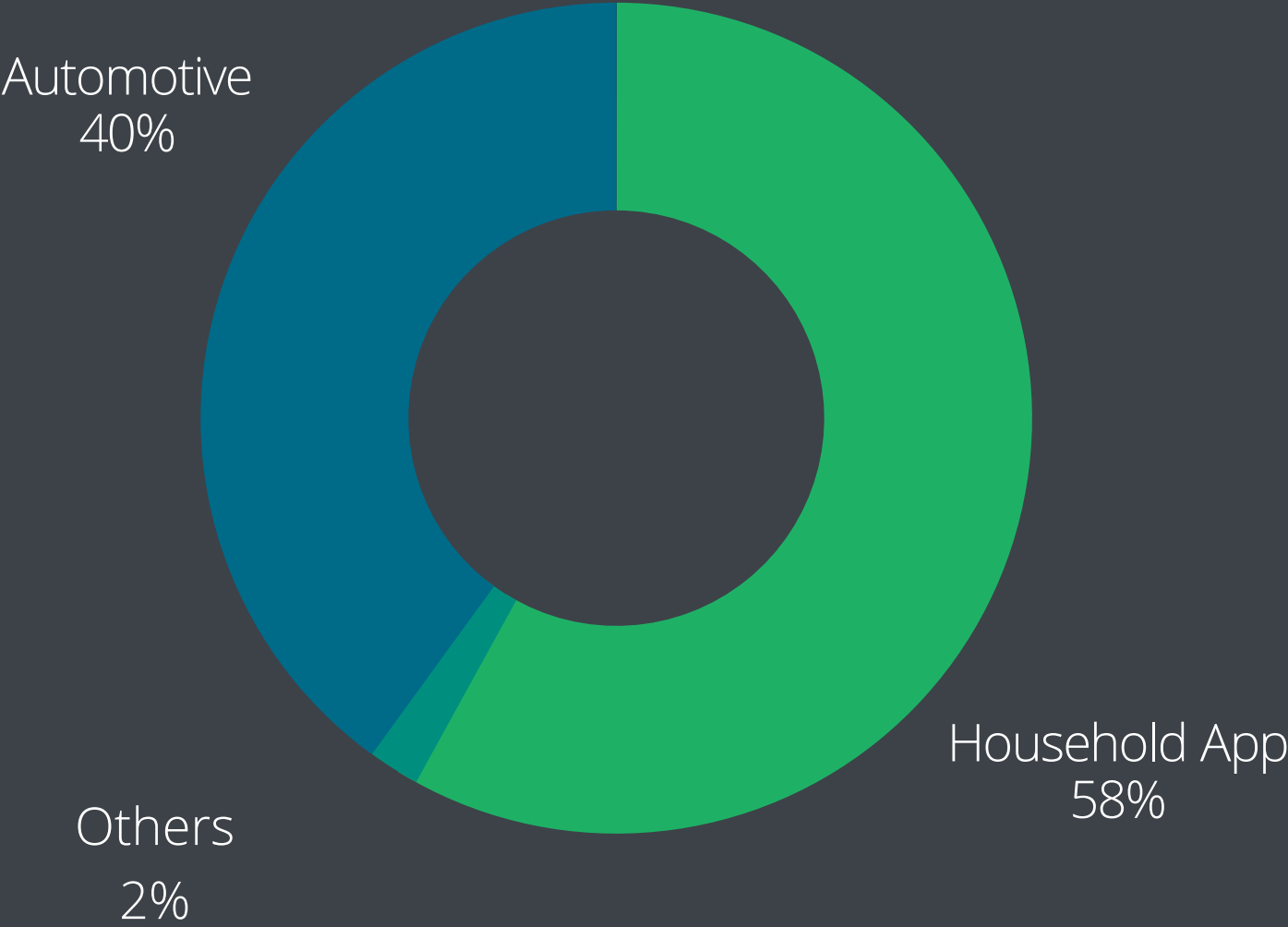
Markets

by country



07.

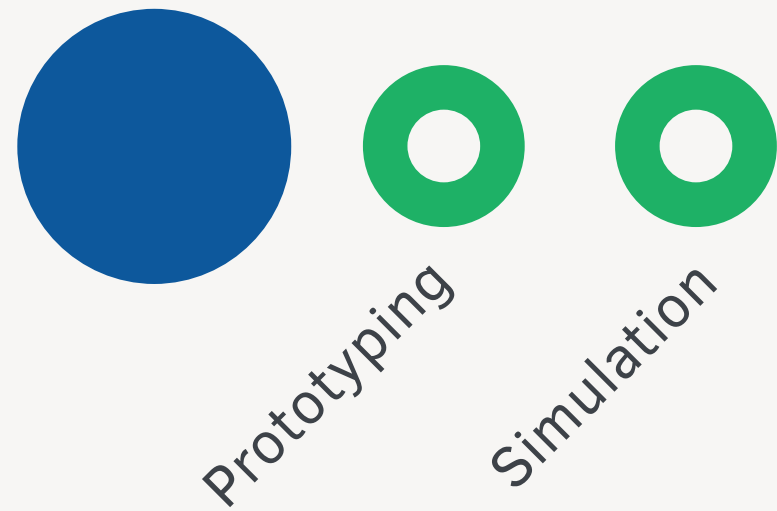
by industry



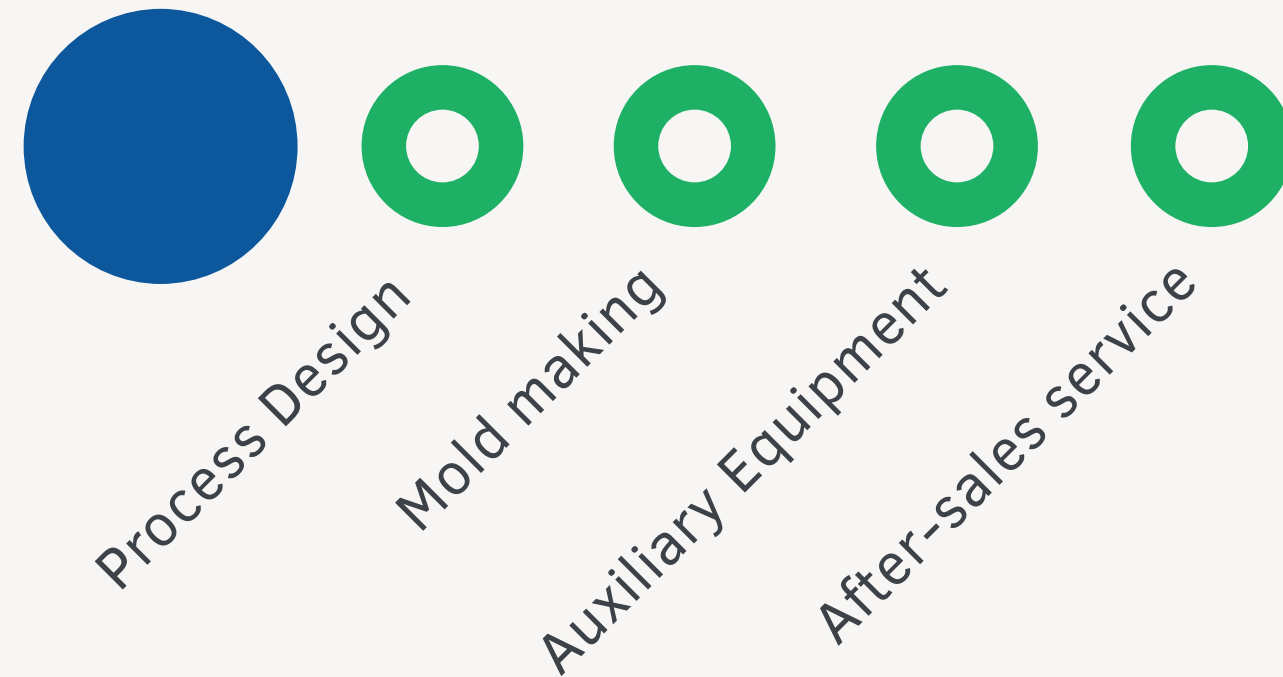
PROCESS



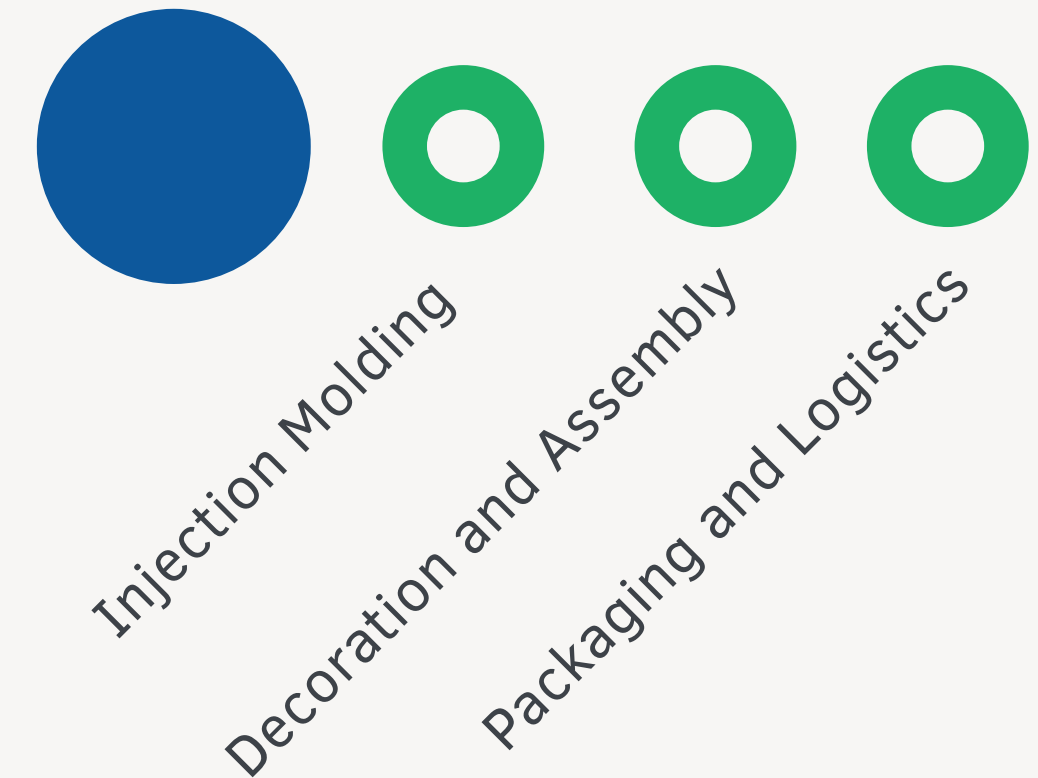
1 Product Engineering



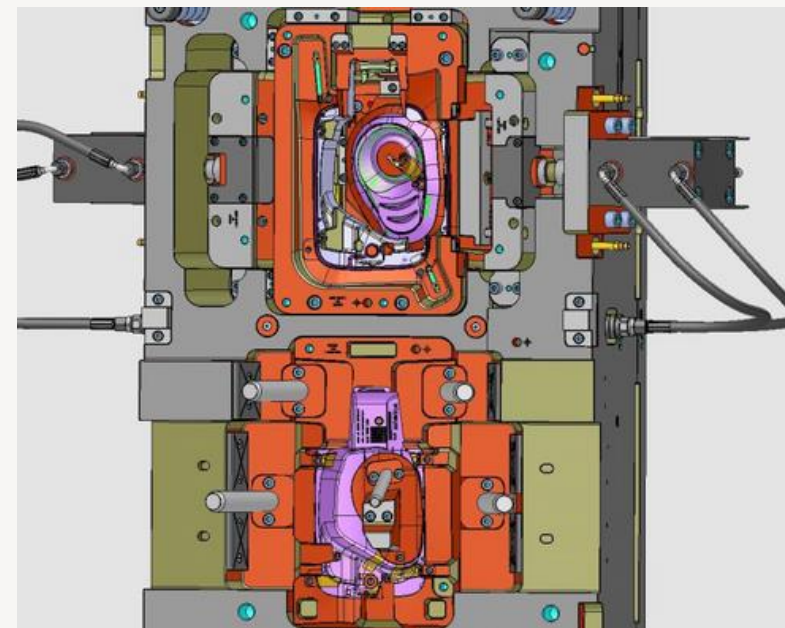
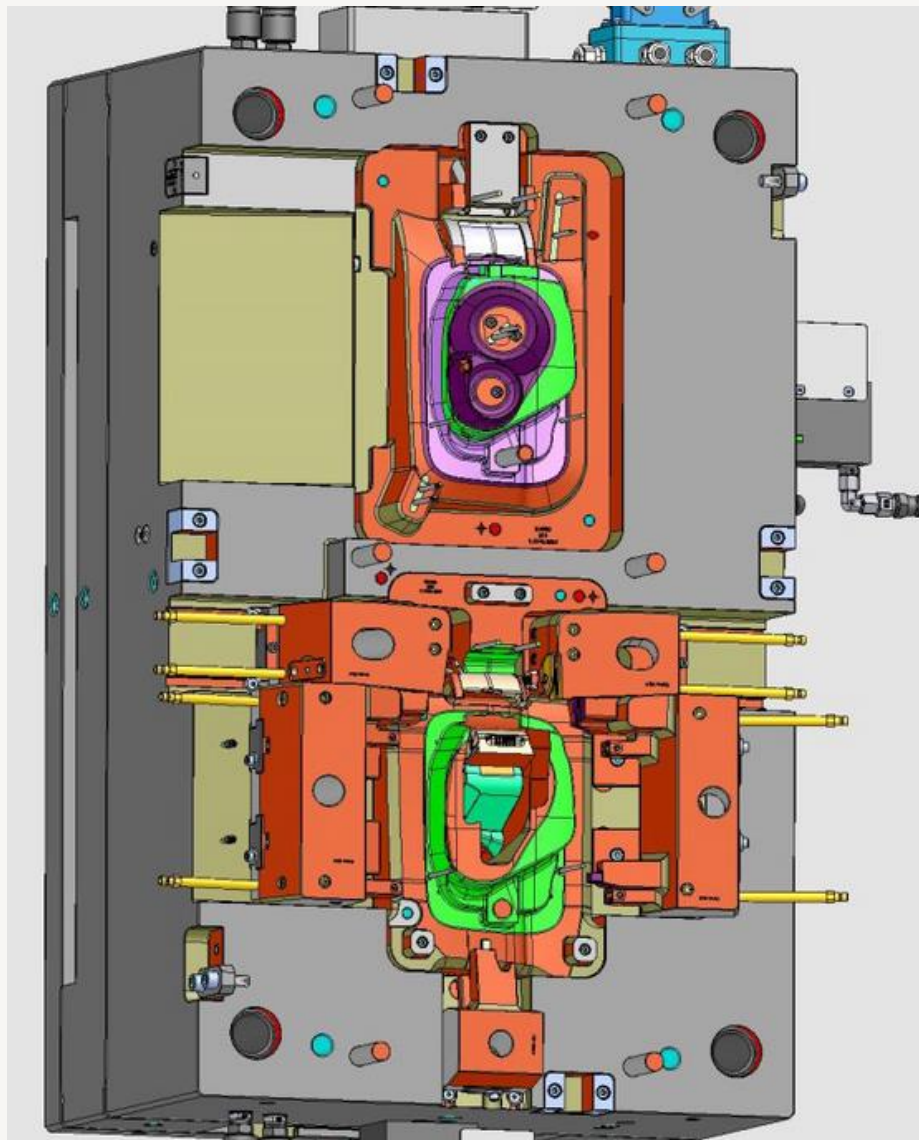
2 Industrialization



3 Production



VALUE PROPOSITION



We simplify
your production
process

TECHNOLOGICAL CAPABILITIES

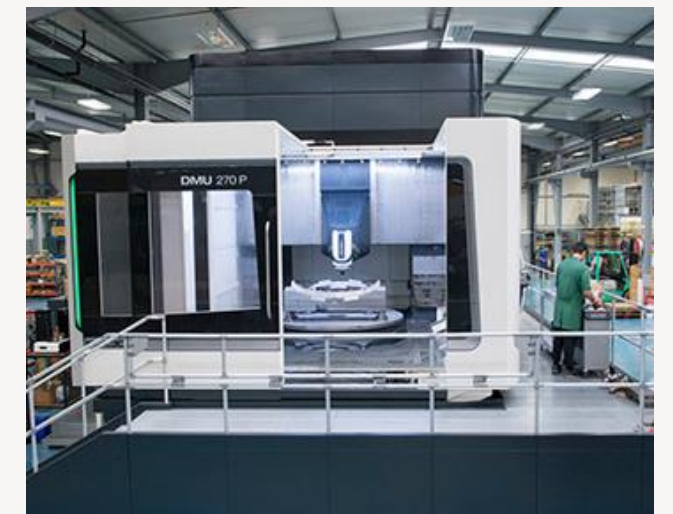
MILLING

- 18 CNC machines
- Capacity (max): 3 600 x 2 670 x 1 600 mm
- 12 machines with 5 axes

One setup

Shorter preparation time

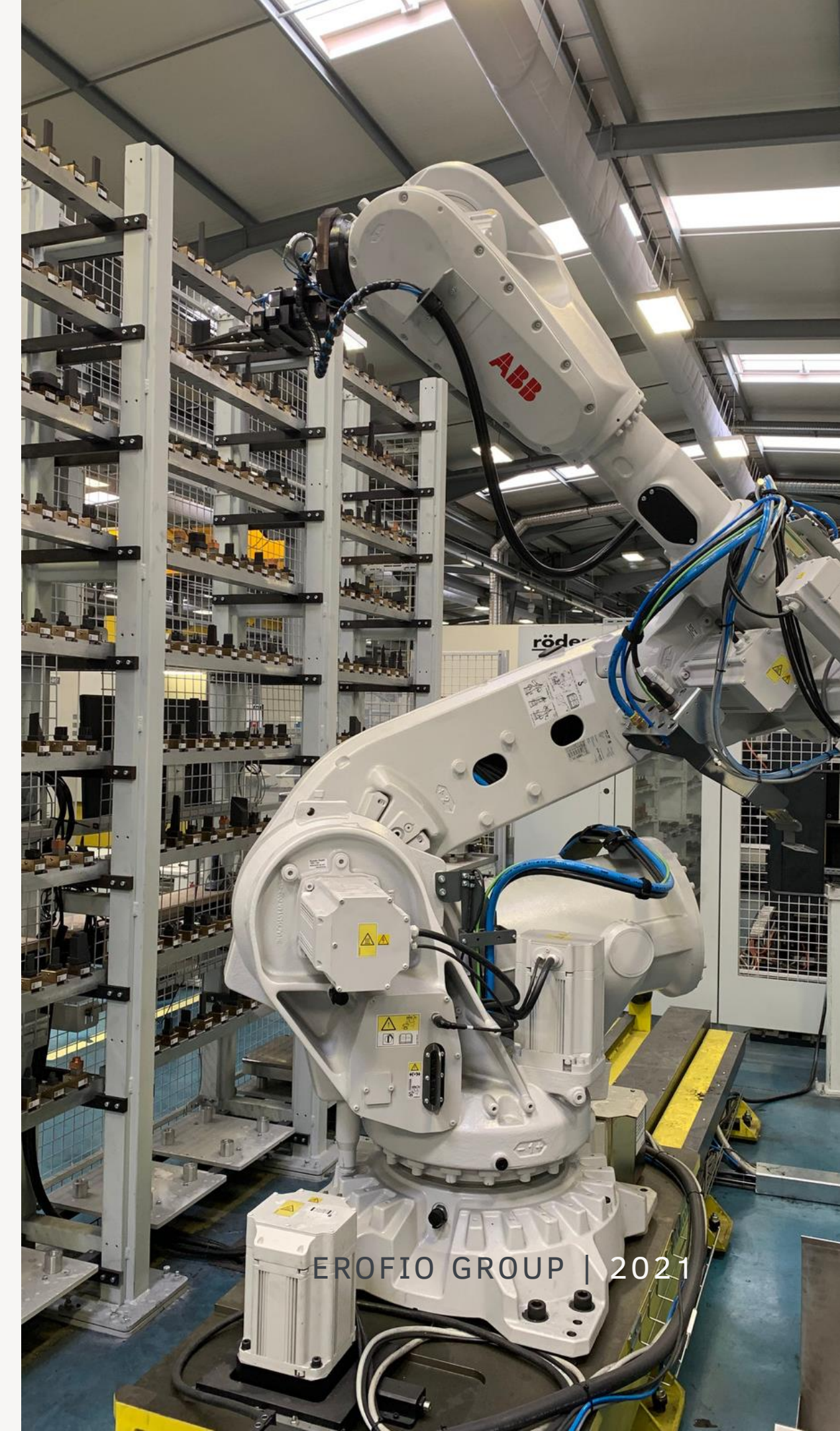
Increase in precision and speed



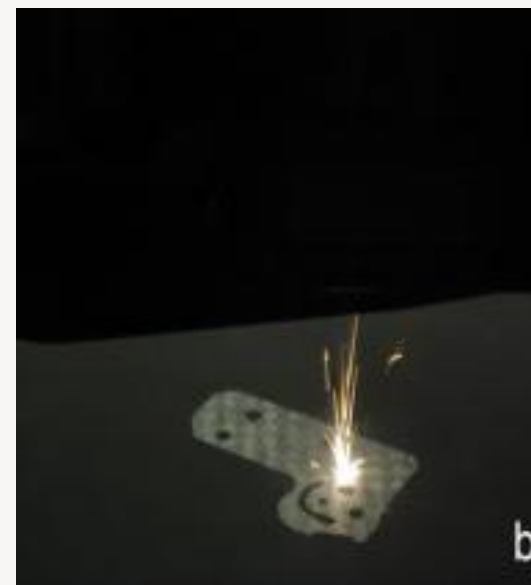
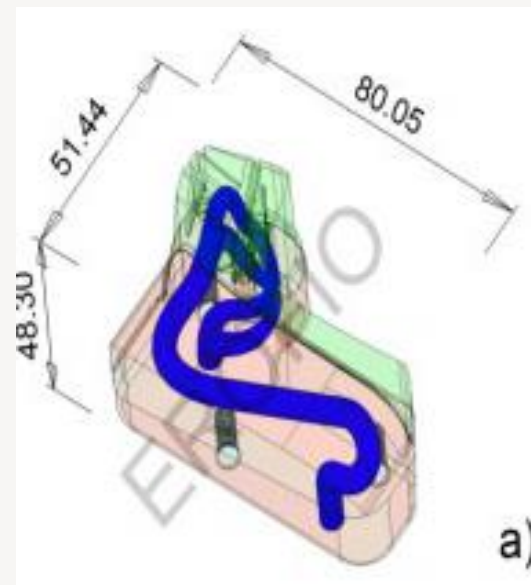
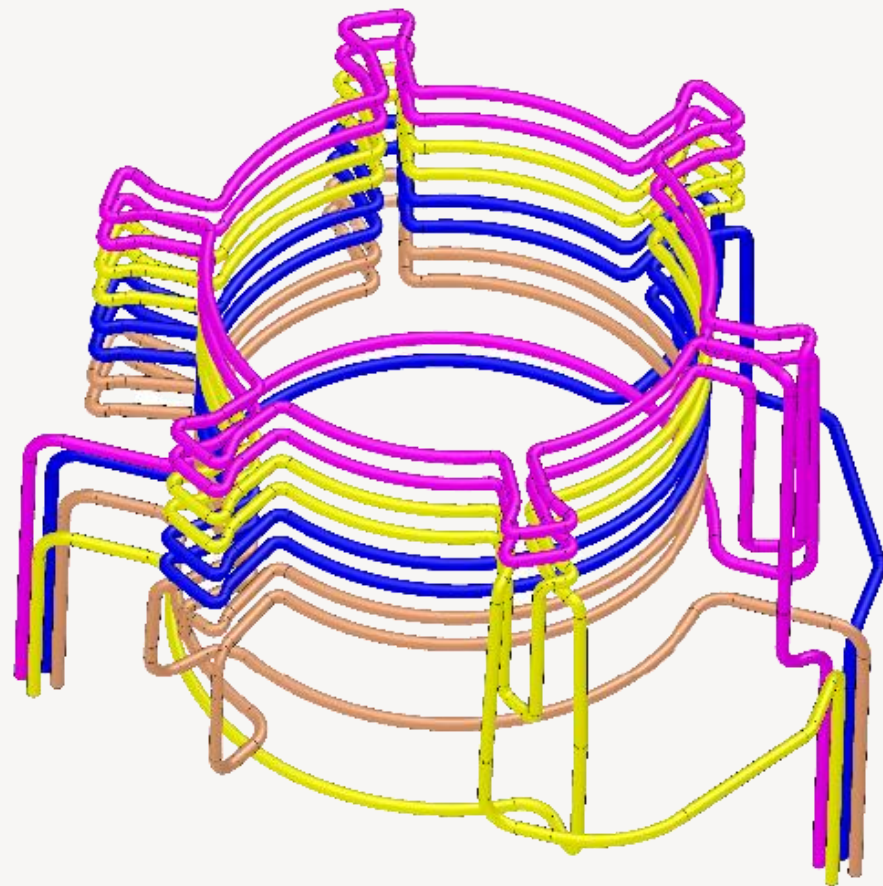
TECHNOLOGICAL CAPABILITIES

EDM

- 1 Automated EDM Cell fully robotized with 8 machines
- 2 Electrode machining cell (RÖDERS)
- 5 EDM equipments
- 1 CMM control equipment



VALUE PROPOSITION



We design high performance tools, for high quality surfaces and short cycle times

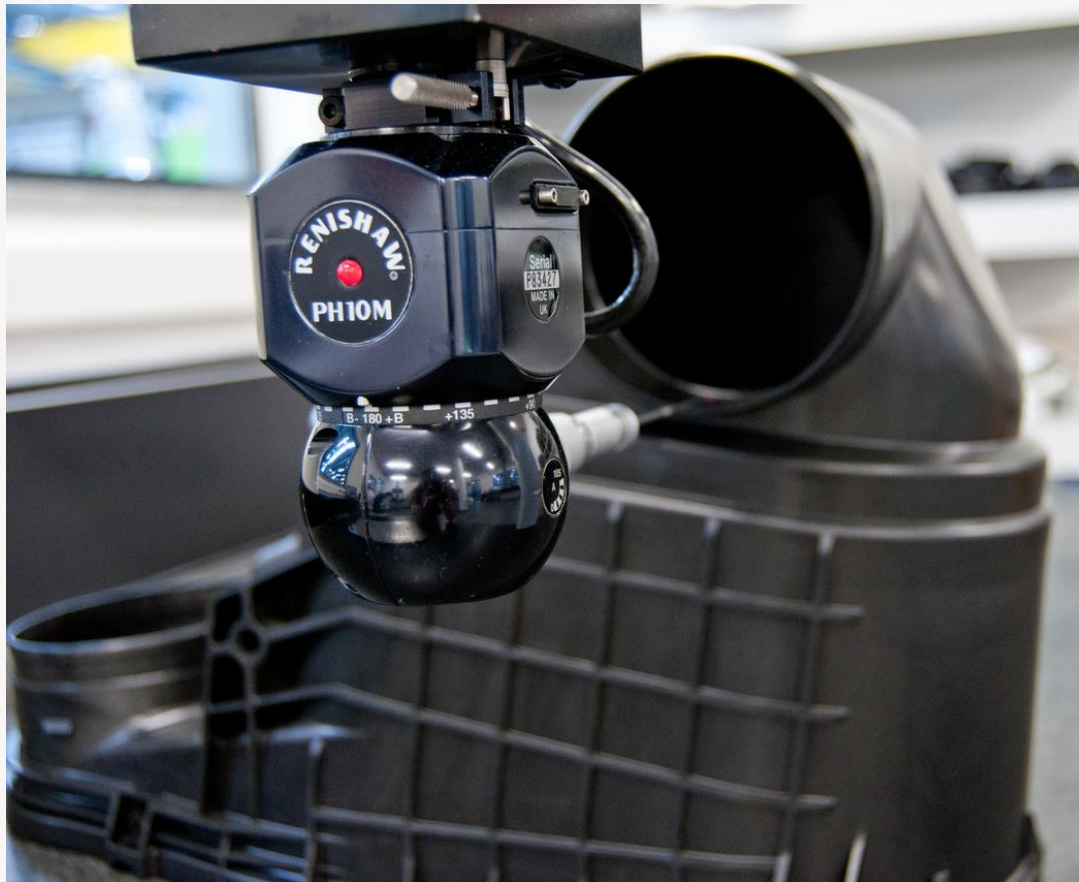
TECHNOLOGICAL CAPABILITIES

Metal 3D Printing - Laser Cusing Technology

Conformal Cooling Channels with main benefits:

- Reduction of injection cycle time
- Less warpage
- Less sink marks effect
- Improved aesthetics
- Productivity increase (5 - 30%)

VALUE PROPOSITION



We use know-how
and technology to
meet quality needs

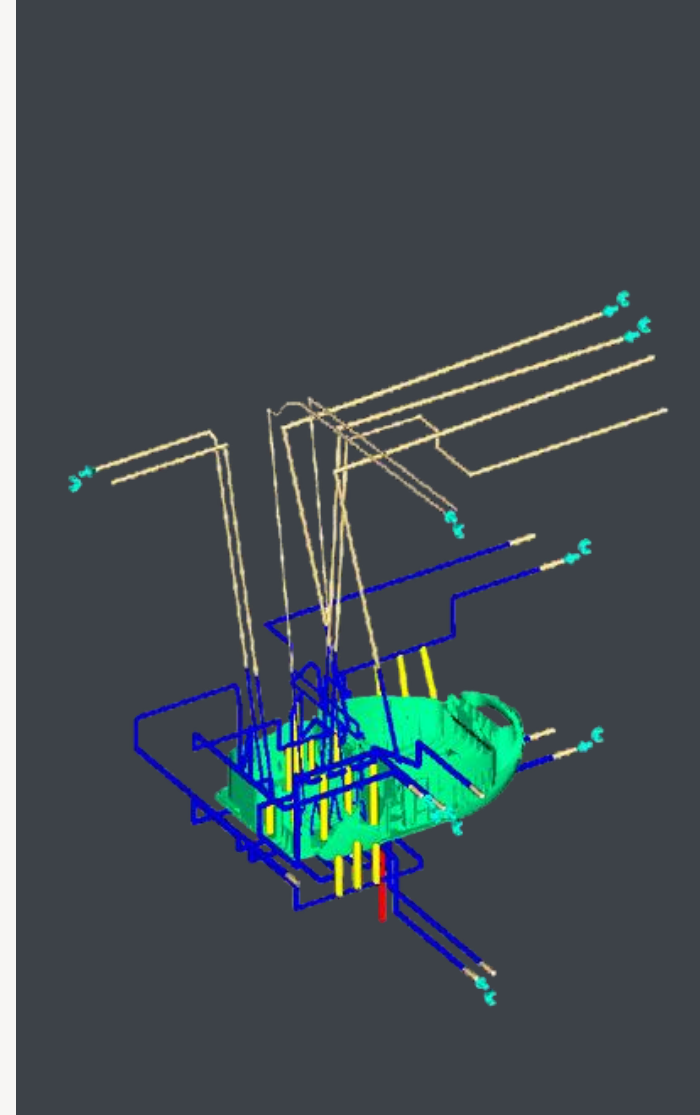
TECHNOLOGICAL CAPABILITIES

METROLOGY

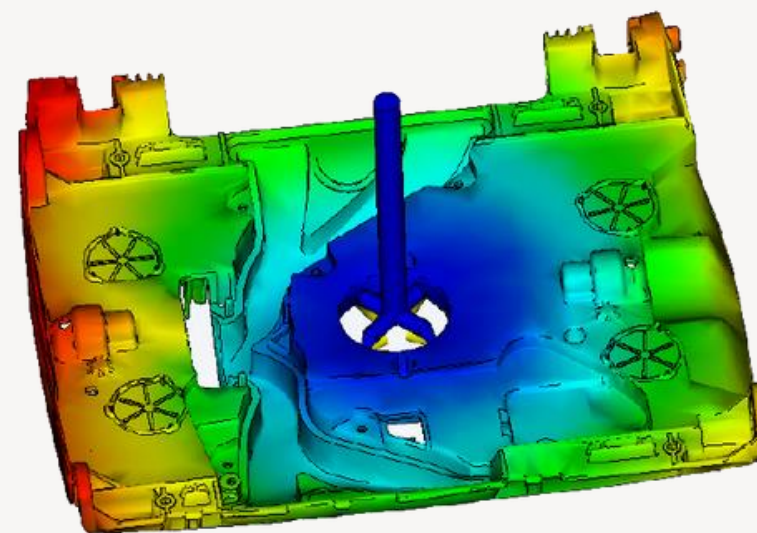
- 9 equipments
- 4 CMM 3D machines (Zeiss, Mitutoyo Wenzel, Nikon)
- Capacity (max): 900 x 1 600 x 600 mm
- Laser scanning (Nikon)
- 3 axis Video Measuring Machine (Vision Falcon)



VALUE PROPOSITION

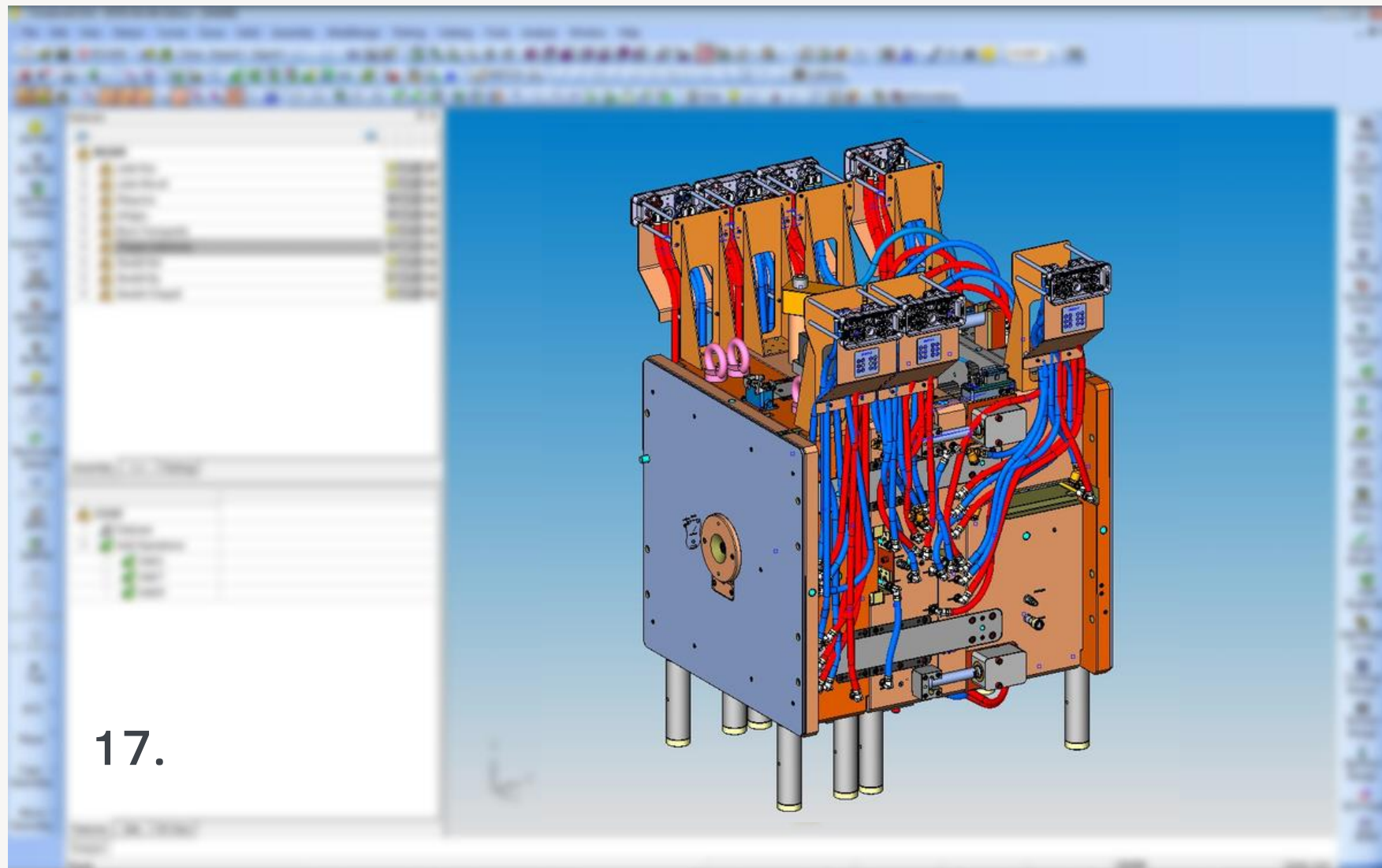


We don't rely only in experience, we predict based on computer simulation

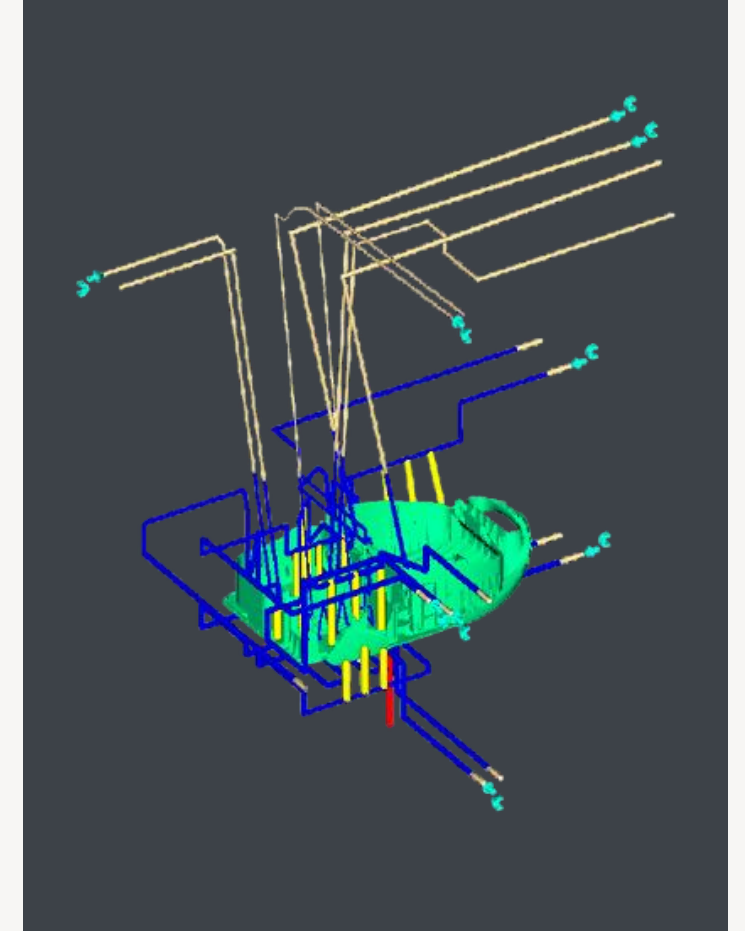


TECHNOLOGICAL CAPABILITIES

SOFTWARE



- CIMATRON
- 3D Expert
- Solidworks
- Moldex 3D
- File conversion from any 3D software
- Ansys



VALUE PROPOSITION

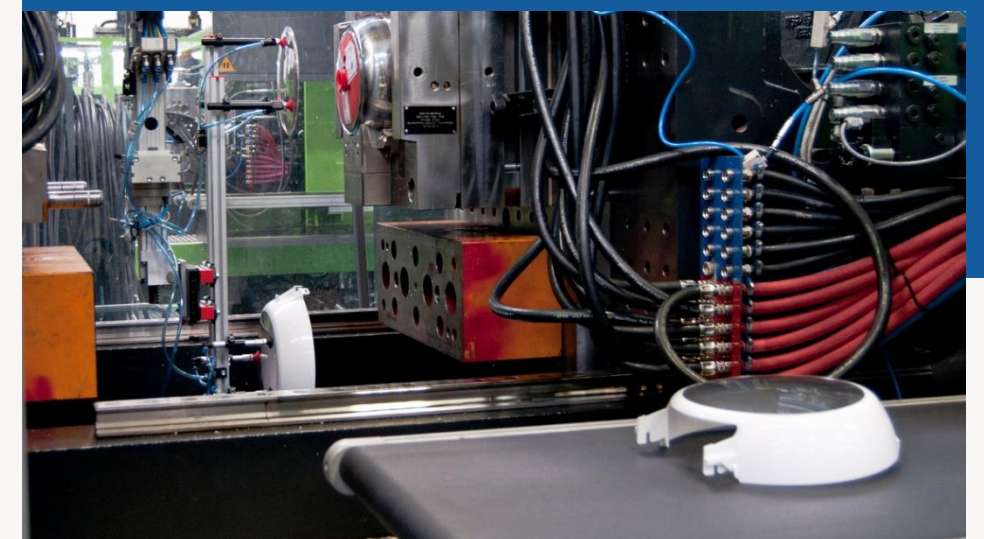


We re-engineer
your product in
order to save you
time and money

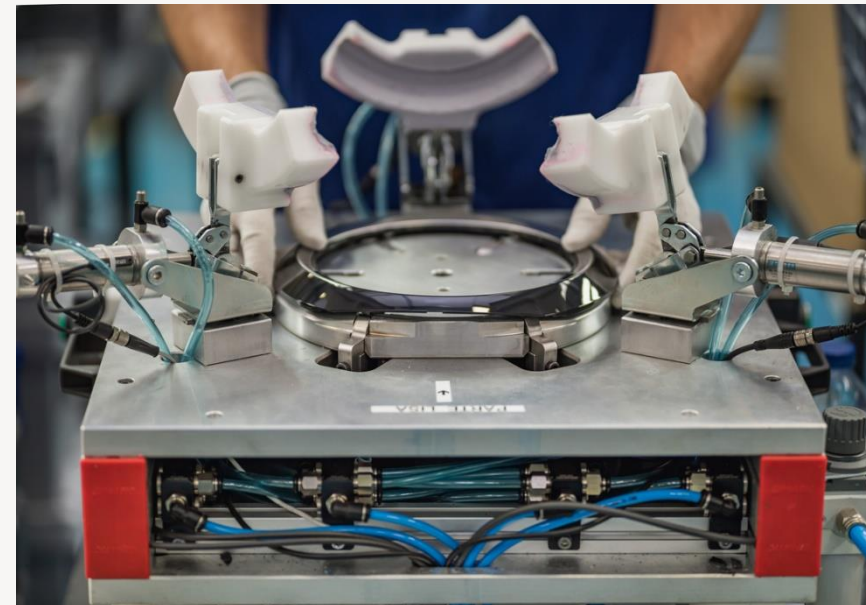
TECHNOLOGICAL CAPABILITIES

INJECTION

- 29 injection machines (25-1 100 t) from which, 7 twin-injection and one vertical injection machine
 - 1 with two juxtaposed injection groups, and horizontal turning table
- 3 movable screws for 3 & 4K
- Rotative plate, index plate, tandem mold, sandwich mold, transfer mold, etc.
- Multi material mold sand parts: up to 4K
- Gas injection capacity



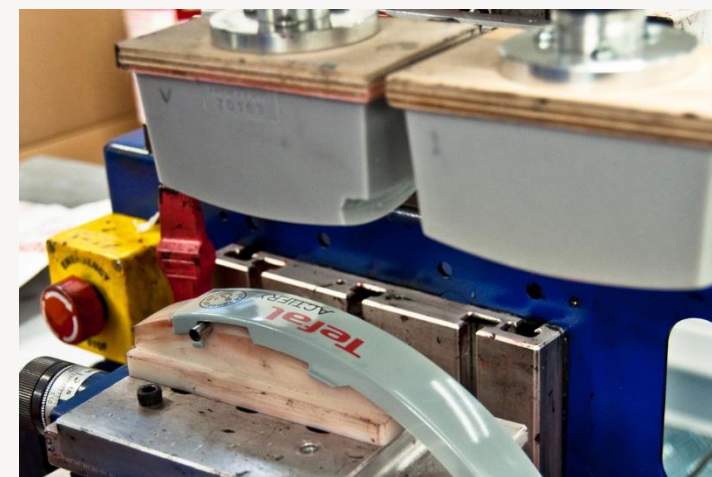
VALUE PROPOSITION



One-stop shop

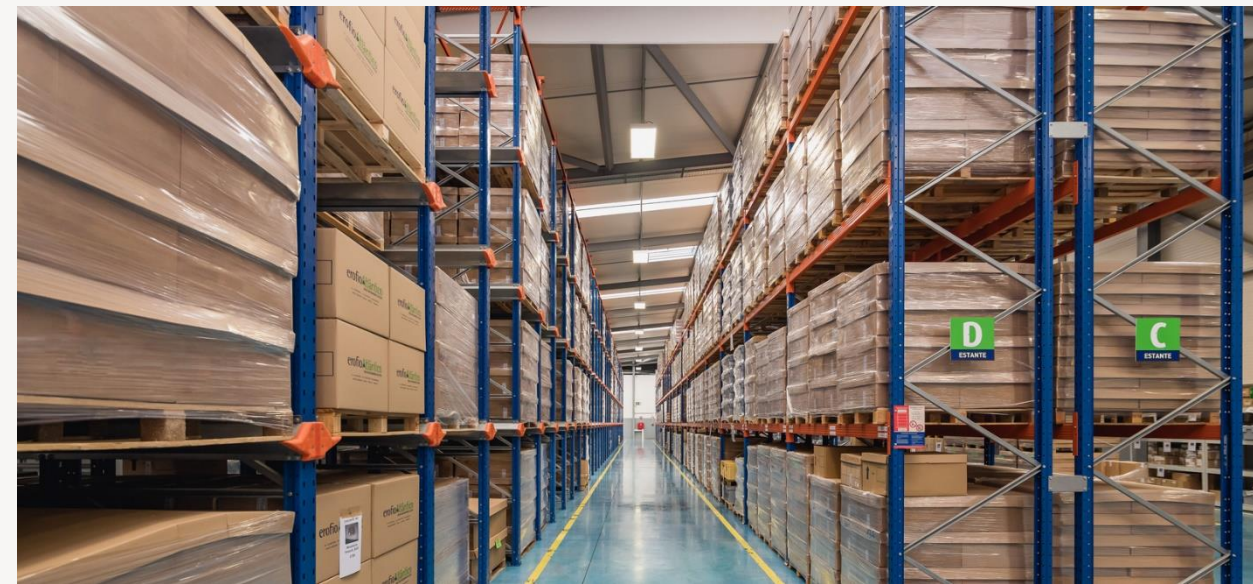
TECHNOLOGICAL CAPABILITIES

ASSEMBLY AND DECORATION



- TAMPO Printing: Up to 5 colors
- Ultrasound welding
- Laser Printing
- Artificial Vision
- Hot stamping
- Assembly lines with electronic components, inserts, etc.

VALUE PROPOSITION



On time and
compliant





“ Fazer da maneira certa
e não de certa maneira ”

“ Do it the right way,
not a certain way ”

MANUEL NOVO
Chairman

THANKS FOR YOUR ATENTION

