



ricardo:barbosa
mechanical mold and tool maker



Ricardo & Barbosa

Company profile

We're currently searching for new projects for R&B plants as we're continuously growing.

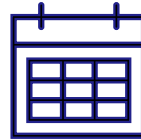
1. Company General Data R&B process video (4 minutes)

 Portugal



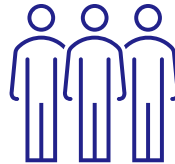
México 

1978



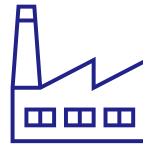
2012

147



52

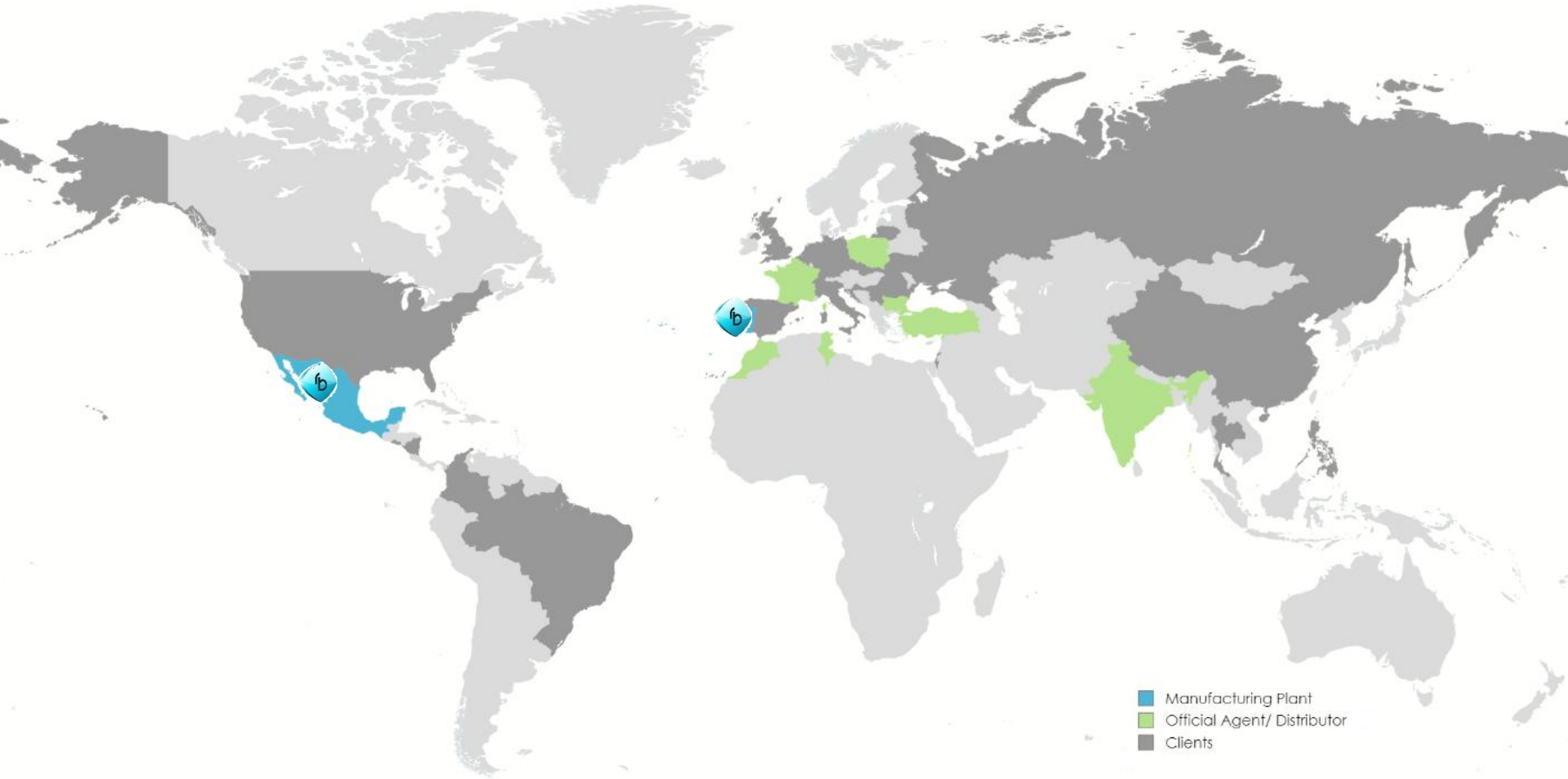
3040 m²



900 m²



2. R&B Around the World



3. *Competitive advantages:*



We understand customer needs, 45 years in industry.



Same quality, different locations:

- (México) Perry Johnson's - ISO 9001:2015 certification.
- (Portugal) SGS - ISO 9001:2015, AS9100:2016 and 14001:2015 certification.



Two production locations for local technical support, with strong focus in the industrialization process.

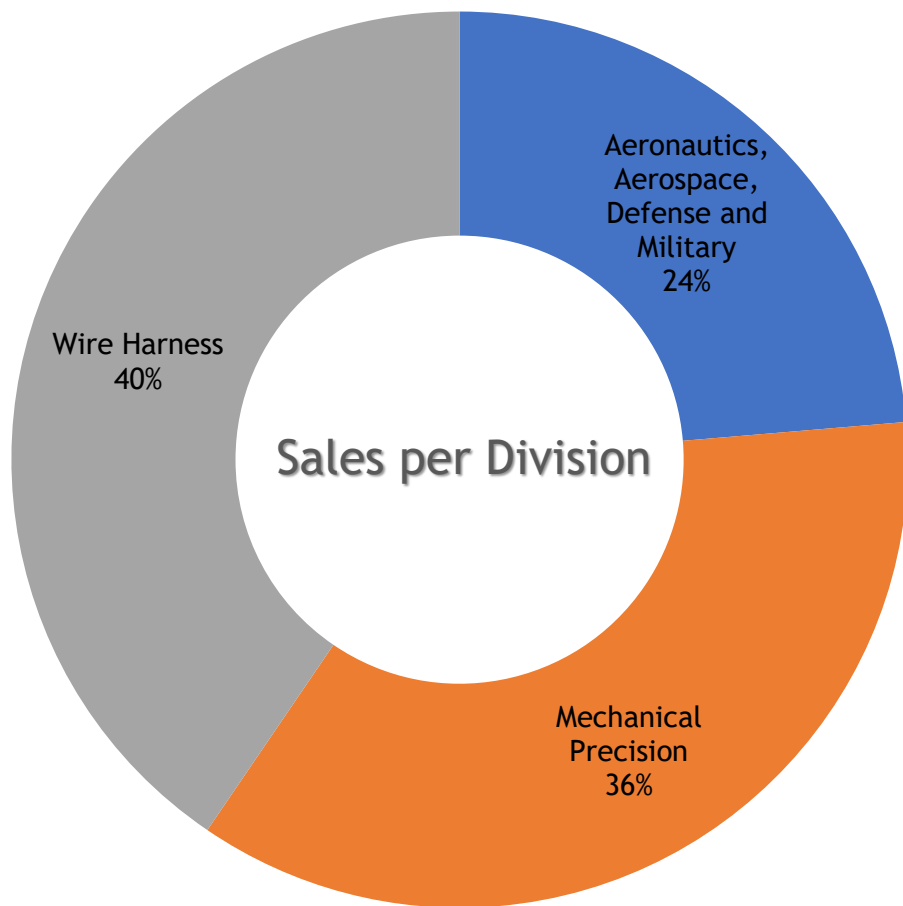


Continuously improving our delivery time and proactivity on plant cost reduction.

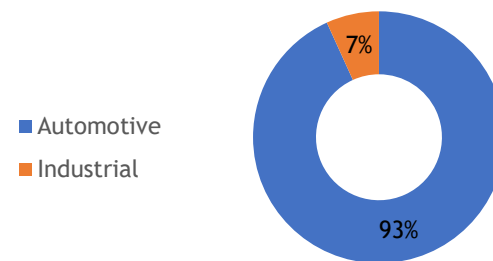


High quality at the lowest price, with the shortest OLT.

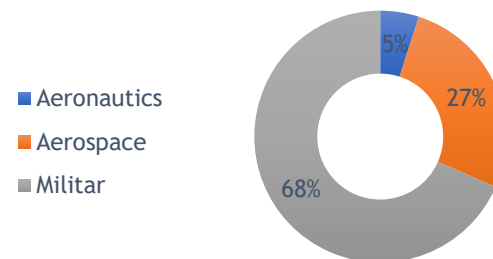
4. Business in numbers (Sales 2023)



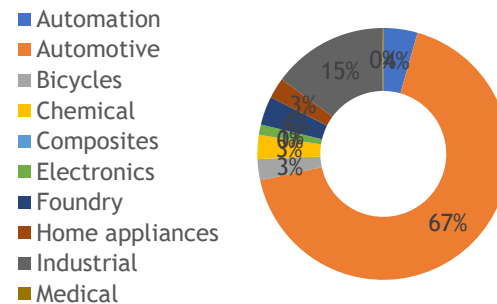
Wire Harness



Aeronautics, Aerospace & Military



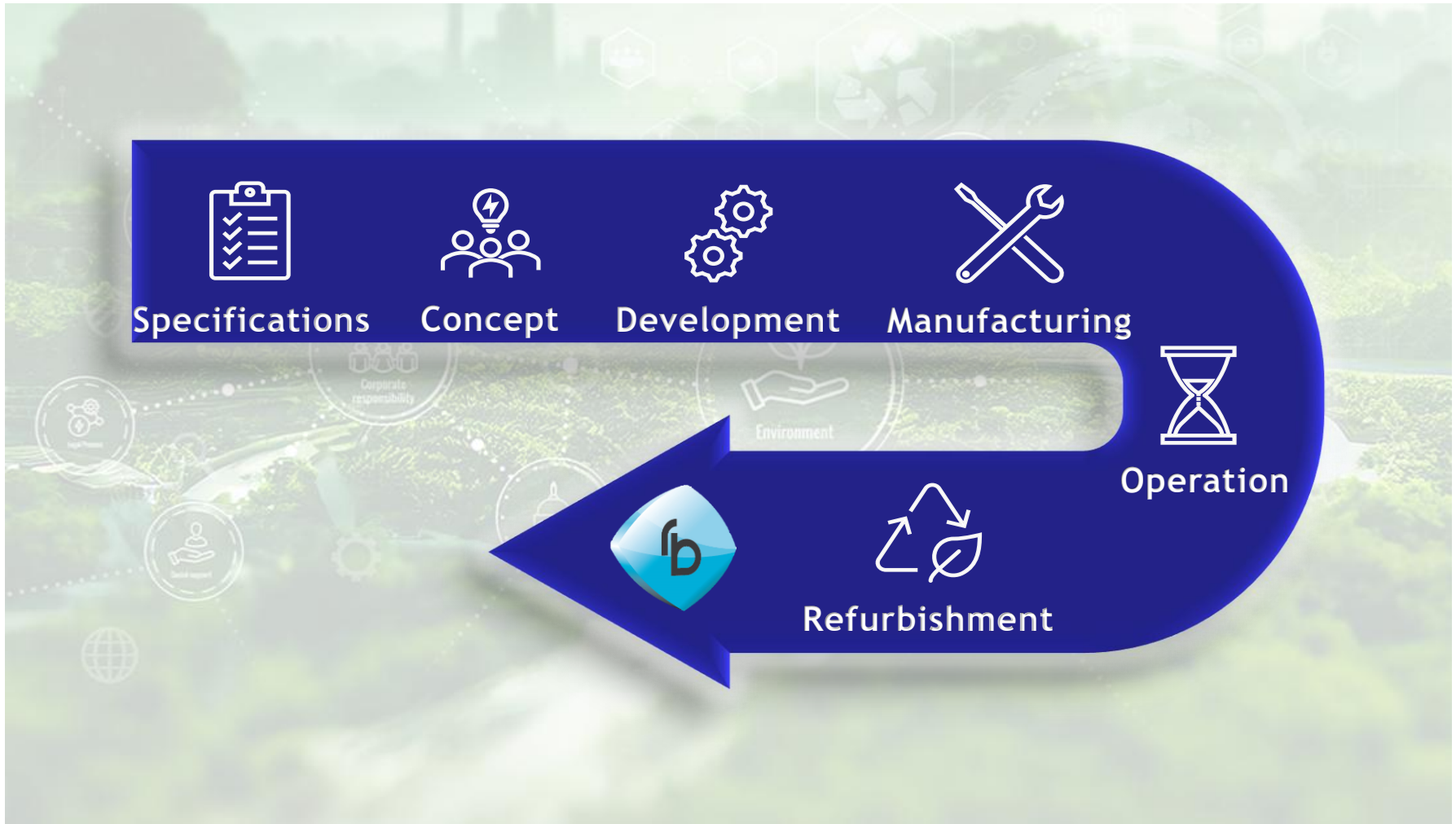
Mechanical Precision

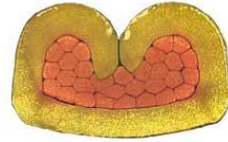


WIRE HARNESS INDUSTRY EXPERTS.

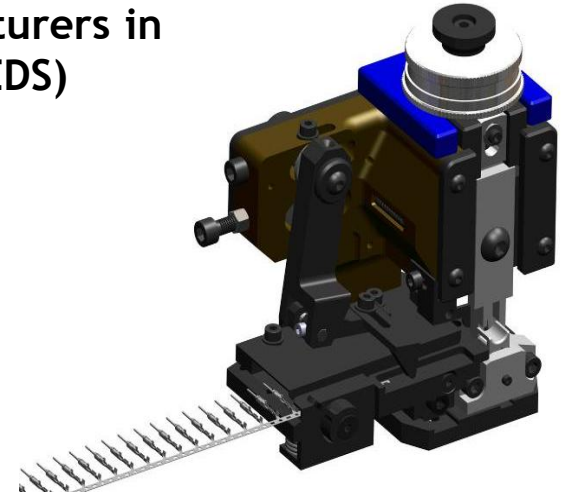


5. Sustainable life cycles





We supply the biggest tier 1 manufacturers in
Electrical Distribution Systems (EDS)



6. *Wire Harness*

Agility, cost-effectiveness and efficiency.

- **Applicators**

- Crimping dies can be replaced without removing the applicator from the press;
- Separate Anvils to allow single part replacement;
- Bellmouth adjustment without removing the applicator from the press;
- Bar code tool to better maintenance control;

01.



02.



03.



04.



05.



06.



07.



08.



09.



10.



11.



01. MSF // APPLICATOR MECHANICAL SIDE FEED

TECHNICAL DATA:
FEEDING SYSTEM – Mechanic
CRIMPING HEIGHT – 135,8 mm²
WIRE SECTION – 10 mm²

02. MEF // APPLICATOR MECHANICAL END FEED

TECHNICAL DATA:
FEEDING SYSTEM – Mechanic
CRIMPING HEIGHT – 135,8 mm²
WIRE SECTION – 10 mm²

03. PSF // APPLICATOR PNEUMATIC SIDE FEED

TECHNICAL DATA:
FEEDING SYSTEM – Pneumatic
CRIMPING HEIGHT – 135,8 mm²
WIRE SECTION – 10 mm²

04. PEF // APPLICATOR PNEUMATIC END FEED

TECHNICAL DATA:
FEEDING SYSTEM – Pneumatic
CRIMPING HEIGHT – 135,8 mm²
WIRE SECTION – 10 mm²

05. MMSF // APPLICATOR MEDIUM MECHANICAL SIDE FEED

TECHNICAL DATA:
FEEDING SYSTEM – Mechanic
SHUT HEIGHT – 135,8 mm²
WIRE SECTION – 25 mm²

06. MPSF // APPLICATOR MEDIUM PNEUMATIC SIDE FEED

TECHNICAL DATA:
FEEDING SYSTEM – Pneumatic
SHUT HEIGHT – 135,8 mm²
WIRE SECTION – 25 mm²

07. MPEF // APPLICATOR MEDIUM PNEUMATIC END FEED

TECHNICAL DATA:
FEEDING SYSTEM – Pneumatic
SHUT HEIGHT – 135,8 mm²
WIRE SECTION – 25 mm²

08. MLPS // APPLICATOR MEDIUM LOOSE PIECES SLIDE

TECHNICAL DATA:
FEEDING SYSTEM – Manual
SHUT HEIGHT – 135,8 mm²
WIRE SECTION – 25 mm²

09. LP4P // APPLICATOR LOOSE PIECES 4 POINTS

TECHNICAL DATA:
FEEDING SYSTEM – Manual
SHUT HEIGHT – 135,8 mm²
WIRE SECTION – 10 mm²

10. HLP // APPLICATOR HEAVY LOOSE PIECES

TECHNICAL DATA:
FEEDING SYSTEM – Manual
SHUT HEIGHT – 212 mm²
WIRE SECTION – 75 mm²

11. BELLMOUTH ADJUSTMENT
Reduce machine down time by adjusting the applicator without removing it from the press:

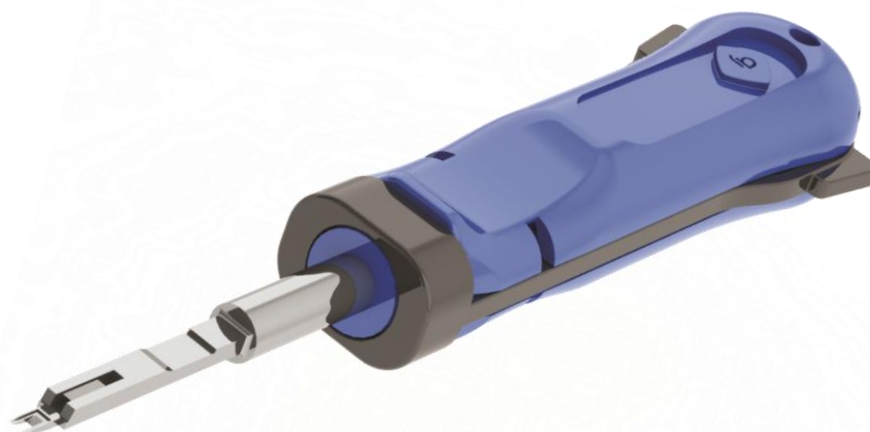
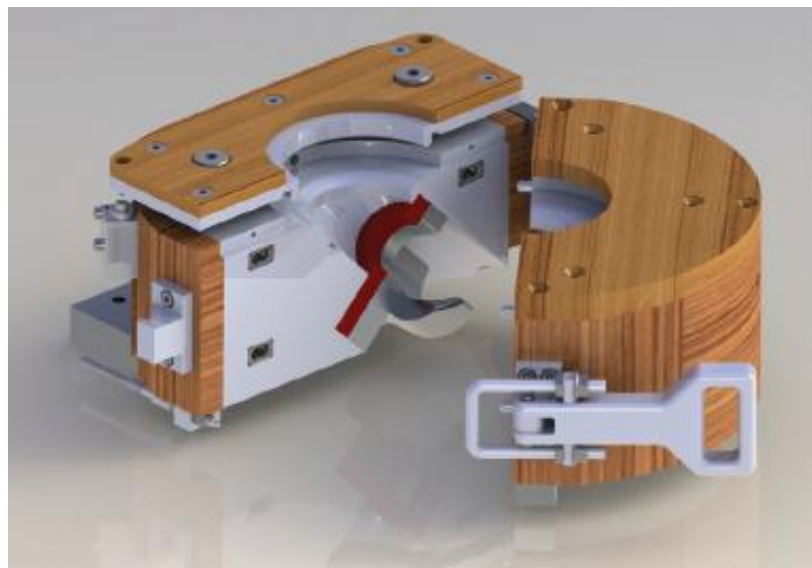
WIRE HARNESS INDUSTRY EXPERTS.

WIRE HARNESS DIVISION.

6. *Wire Harness*

High production efficiency, yet simple to upgrade or update.

- **Tools**
 - Crimping dies;
 - Low pressure molds for the wire harness industry;
 - Terminal removal tools;



BUT ALSO
EXPERTS
IN...



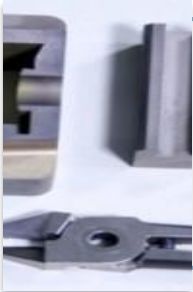
7. Business Areas



Cut & Stamp Tools
• Automotive Industry



Molds & Die Forming
• Electronic Industry



Electrodes & USW
• Welding industry



Surface Treatments
• Navy and Textile Industry Controls



Oil and gas
• Petroliferous platforms



Security Systems
• Surveillance Cameras

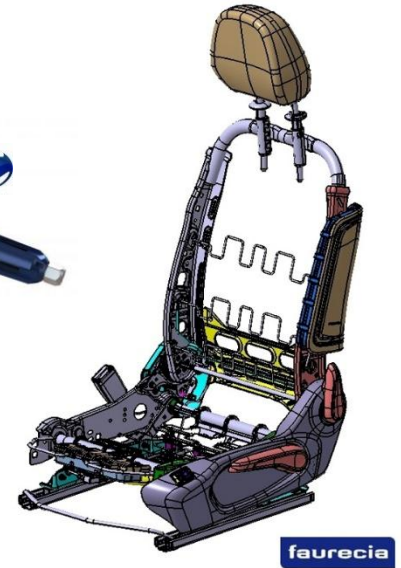
7. Business Areas



7.1. Mechanical Precision



Rapid development and agile production of custom parts



7.2. Aeronautics



Contact companies / certified



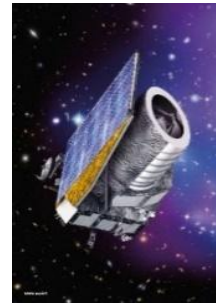
Approved by these companies



7.3. Space Industry

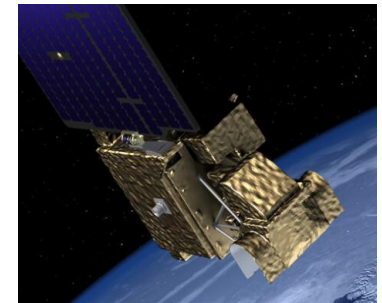
R&B involved in four ESA Space Missions:


- Euclid
- Juice
- Plato
- Arctic Weather Satellite



R&B developed critical systems and precision parts for satellites for:

- Lusospace
- Omnidea
- Activespace
- DHV
- Frezite High Performance
- Airbus Oneweb





With 45 years of experience, we believe that we can be a strong partner in your supply chain, with highlights as:

- Customer-oriented
- Low volume, high diversity
- Your solution for nearshoring