



PATENT No US 5505005



# Tradition and Modernity



### **Origins**

Ruprec has its origins in a family business dating back to the 1980s, which was dedicated to the manufacture by turning and milling of machined parts of the textile industry. Technical knowledge has crossed generations and is still present within the company, through those who have witnessed its progress over the years.



# 2

#### Modernization

From 2016 the company starts important investments, modernizing its entire machinery park with CNC equipment of 3 and 5 axes, inaugurating new facilities.





#### **Certification**

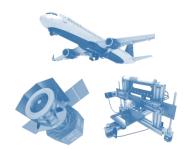
After ISO 9001 certification, the company started the AS 9100 aeronautical certification process, for which it equipped with a modern metrology laboratory with CMM devices.





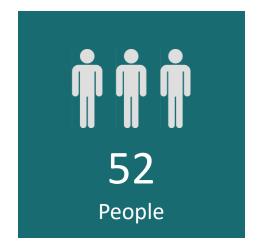
#### **International Vision**

Today, Ruprec is a company strongly established in Spain, France, Germany and Switzerland with customers from various hi-tech sectors such as aeronautics and aerospace, electronics, pharmaceuticals, food and packaging.



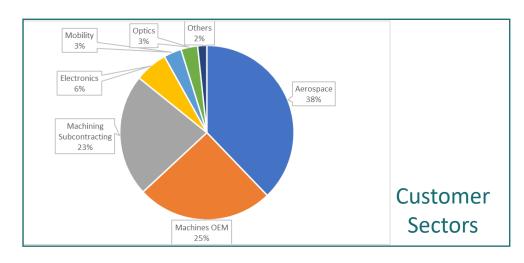
### Ruprec in Figures (2023)











< 0,1%

Rejection Rate



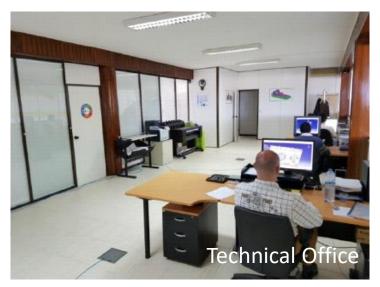
# Machining Facilities













# Precision Machining

### Milling

- CNC Milling
- 3D Machined Parts
- Flat Rectification
- Electro erosion
- Manufacturing of Small and Large Series

#### **MATERIALS**

**CARBON STEEL** STAINLESS STEEL **ALUMINUM BRASS** COPPER **TITANIUM NYLON PLASTICS** 





**ROBOFIL 240** WIRE CUT **EDM MACHINE** 

X: 350 Y: 220 Z: 220



**HAAS VF4** X: 1270 **CNC MILLING** Y: 510 CENTRE Z: 620



HAAS VF2 SS X: 750 **CNC MILLING** Y: 400 **CENTRE** Z: 450



MAZAK 510C **CNC MILLING** CENTRE

X: 1050 Y: 510

Z: 510

5 AXIS MILLING CENTRE Z: 508

HAAS UMC 750 SS X: 762 Y: 508

**FANUC ROBODRILL** 5 AXIS

MILLING CENTRE

X: 700 Y: 400 Z: 330

# Precision Machining

### **Turning**

- CNC Precision Turning
- Mechanical Turning
- Manufacturing of Small and Large Series

#### **MATERIALS**

CARBON STEEL
STAINLESS STEEL
ALUMINUM
BRASS
COPPER
TITANIUM
NYLON
PLASTICS



HYUNDAI WIA LM 1800TTSY MULTI-AXIS TURNING CENTRE

Y: 100

Z: 676

Ø 230



MECHANICAL TURNING VARIOUS MACHINES



Z: 700

Ø 800

HYUNDAI LV800 VERTICAL TURNING CENTRE

J.

HAAS ST20 LATHE Z: 530 Ø 351



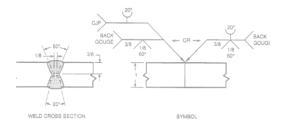
# Welding

RUPREC presents itself as a solutions provider in welded construction of high technical level, in the most varied domains of this demanding industrial specialization.

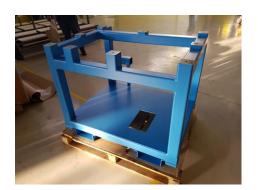
Certified by ISO 9001 standards, and ISO 3834-2, at RUPREC we have been able to reconcile experience with the latest technological innovations in this field, in order to always guarantee our customers the most appropriate manufacturing process, with the expected performance in service of the structural solution designed.

RUPREC thus assumes itself as your partner for projects from machine chassis to special structures, whether in the aeronautical and oil & gas sector, or in the food sector and general industry.













welding unit facilities 2 x 1.000 m<sup>2</sup>



Mechanical Assembling

We put our extensive experience in mechanical assembly at our customers disposal.

Our collaborative and comprehensive model offers "turnkey" solutions for the construction of machinery and mechanical equipment.

#### **Project Review**

Based on the customer's project, we propose industrial solutions that allow reducing the cost of the equipment and / or improving its performance.

#### **Production**

We manufacture mechanical (parts) and structural (chassis) components with high standards of rigor and quality.

#### **Commercial Parts Integration**

We integrate the commercial parts specified by the project, being able to manage the procurement of these elements or use the client's parts.

#### **Dimensional Reports and Functional Tests**

We perform dimensional reports of parts and assemblies using 3D laser devices



### Preassembling Hall



# Dimensional control



#### **3D Laser Dimensional Control**

Our metrology laboratory is perfectly equipped and qualified with technological and human resources, which allows us to obtain the maximum guarantee of quality and high precision.





#### **Laser Tracking**

Laser tracking technology offers several advantages for mechanical project measurement. Firstly, it provides high precision and accuracy, allowing for detailed and reliable measurements of complex geometries. Secondly, laser tracking systems offer real-time feedback, enabling quick adjustments and corrections during the measurement process. Thirdly, these systems can cover large distances, making them suitable for projects with extensive workspace requirements. Lastly, laser tracking eliminates the need for physical contact with the object being measured, reducing the risk of damage or distortion to delicate components.

# Supply Chain Solutions



#### **Procurement**

We handle the management of suppliers and purchases of raw materials and commercial parts. Management of material stocks according to MRP.

#### **Reduction of Management Costs**

Reduce your management costs by eliminating some of the purchasing and production monitoring activities. We simplify your process by transferring these activities to our domain.

#### **Parts cost optimization**

The possibility of making larger series for stock allows to reduce the setup times and, consequently, the manufacturing costs for the customer.

#### **Reduced stock costs**

Reduce your inventory costs by transferring them to the manufacturer.

#### Immediate availability

The supply of industrial parts will become a simple logistical operation. We guarantee a 72 hours delay for the major destinations of Central Europe.

#### **Traceability**

Monitor stock availability closely through our online platform. The application allows you to manage and track orders and billing.



#### **Manufacturing**

Optimized manufacturing orders are launched according to the customer's consumption forecasts. Quality control in accordance with customer specifications.



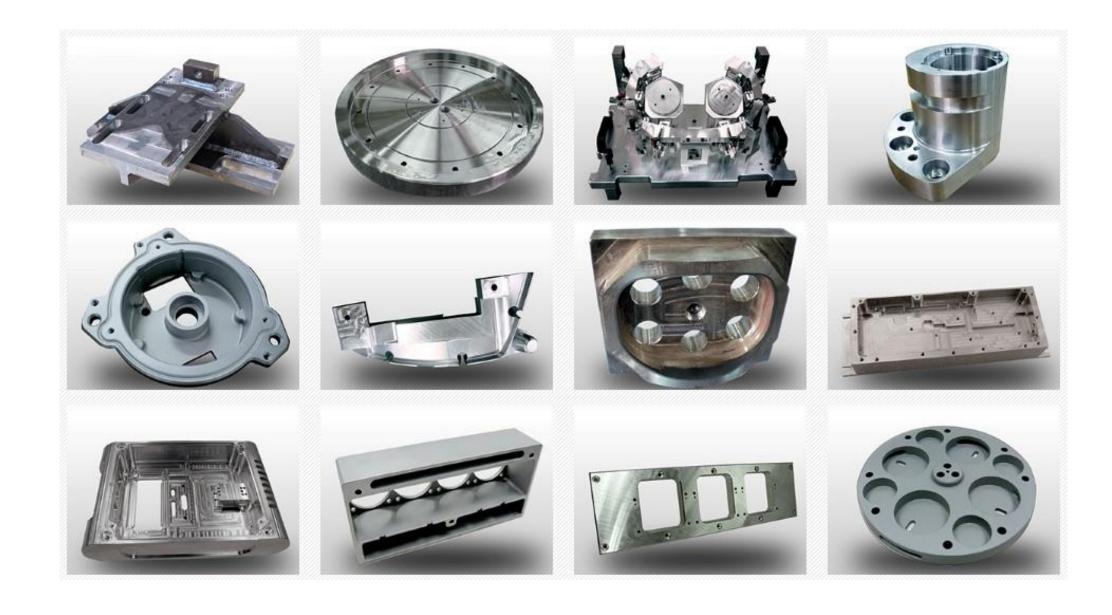
Management of parts inventory with visibility to the customer. Reserved and exclusive physical space for each client. Packaging according to customer specifications.



#### **Delivery**

Delivery between 24 to 48 hours to all destinations in Portugal, and 72 hours to other European destinations.

### Portfolio – Machined Parts



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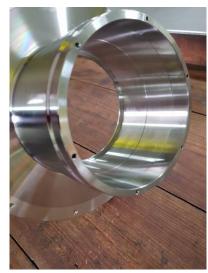






















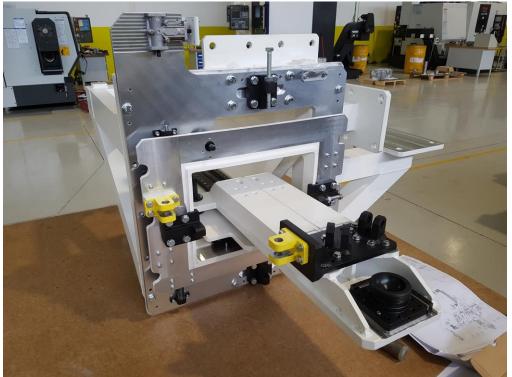








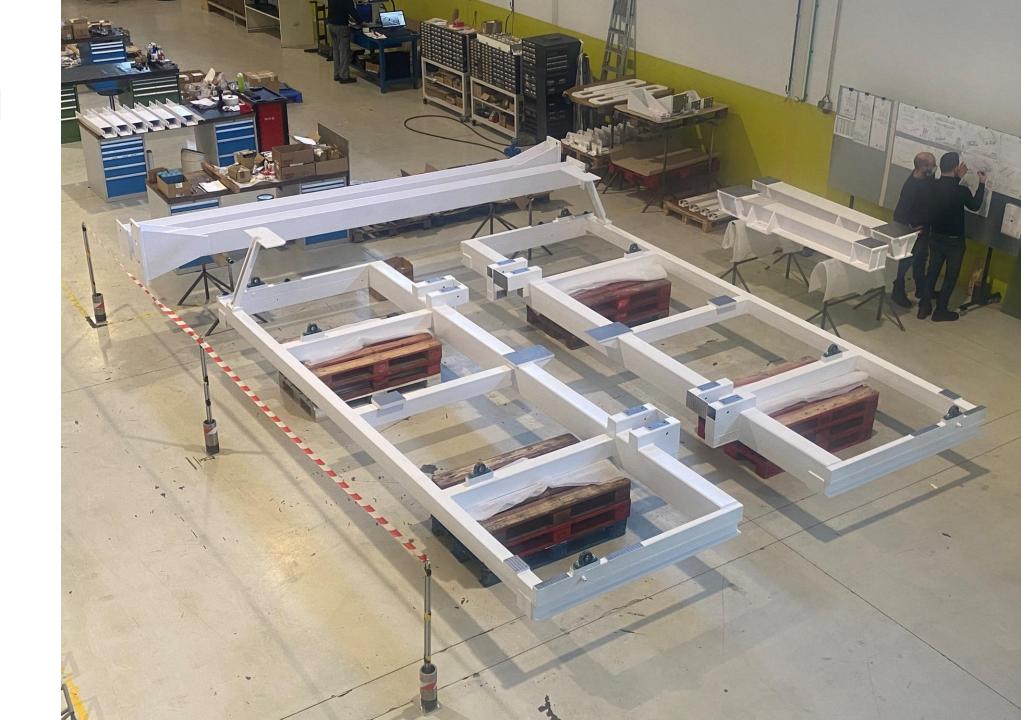


















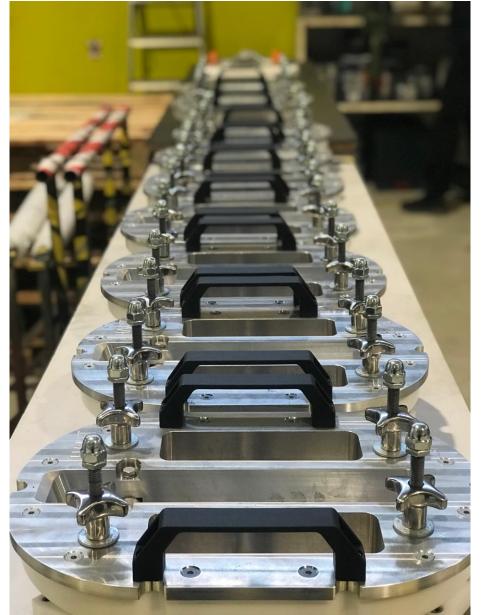
















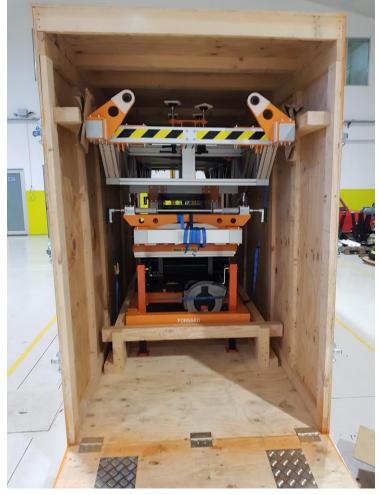
# Portfolio – Machine Assembling

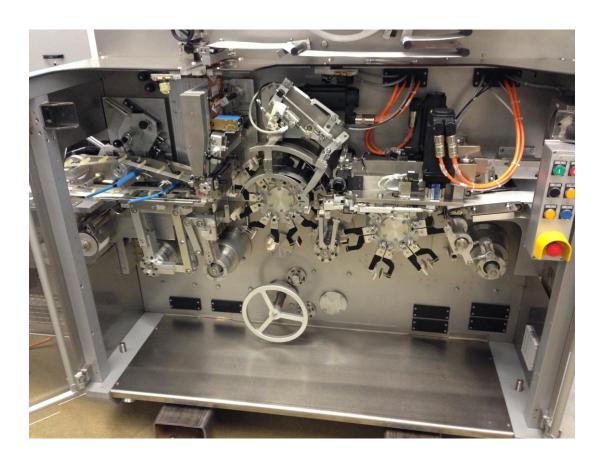


Portfolio – Machine Assembling













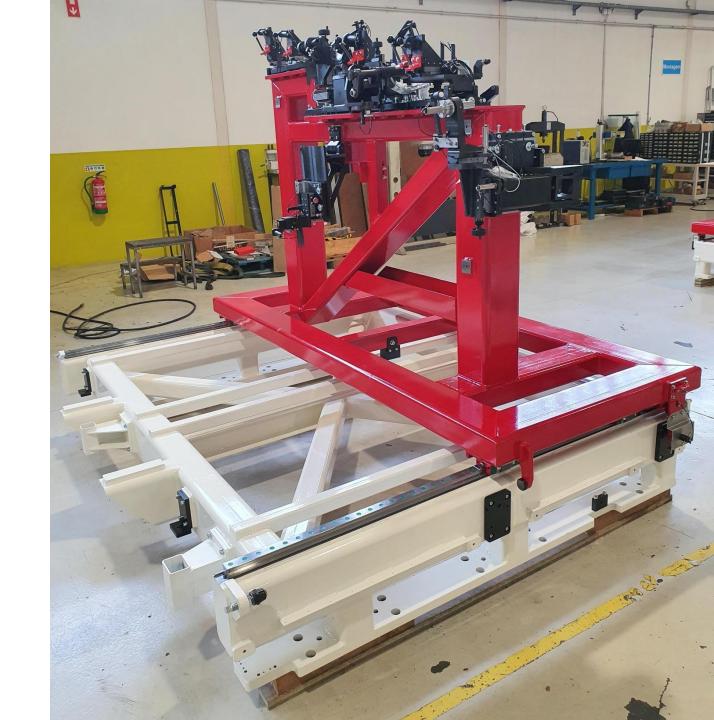






### Portfolio – Special Projects

Machining + Welding + Mechanical Assembling + Laser Tracking Adjustment

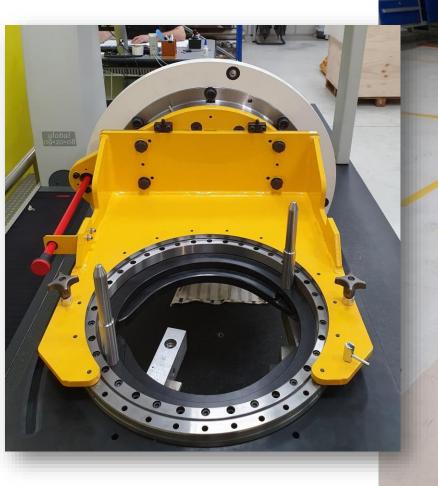


### Portfolio – Special Projects

Machining + Welding + Mechanical Assembling



# Portfolio – Special Projects



Machining + Welding + Mechanical Assembling











### Contacts

Rua do Poente 72 4785-509 TROFA PORTUGAL

www.ruprec.com

General e-mail: ruprecinternacional@ruprec.com

Tel: +351 252 428 424

