



50 years of aeronautics experience

DOSSIER COMMERCIAL MISSION
TOULOUSE SEPTEMBER 2022

CEC

**CONFEDERACIÓN
EMPRESAS**

PROVINCIA DE CÁDIZ

In collaboration with



Diputación
de Cádiz

IEDT

INSTITUTO DE EMPLEO Y DESARROLLO
SOCIOECONÓMICO Y TECNOLÓGICO



WWW.AEROCADIZ.ES

**INTERNATIONAL
PRESENCE**



17
COMPANIES



1.680 DIRECT JOBS
IN CÁDIZ AREA

The Aeronautical Council was promoted by the Confederation of Entrepreneurs of the province of Cádiz (CEC), and constituted in January 2017. A total of 17 companies joined this associative formula to work together for this sector industrial and technological, absolutely strategic, encompassing all the processes of the supply chain of the large tier ones.

WE WORK FOR ALL AERONAUTICAL PROGRAMS :

AIRBUS

C101 / CN 212 / CN 235 / C295
A320 NEO / A330 / A330-MRTT / A350 XWB / A400M / A380 /
BELUGA EUROFIGHTER / SUPERPUMA

BOEING

B 737 MAX / B 787

EMBRAER

ERJ 140 / ERJ 145 XR

BOMBARDIER

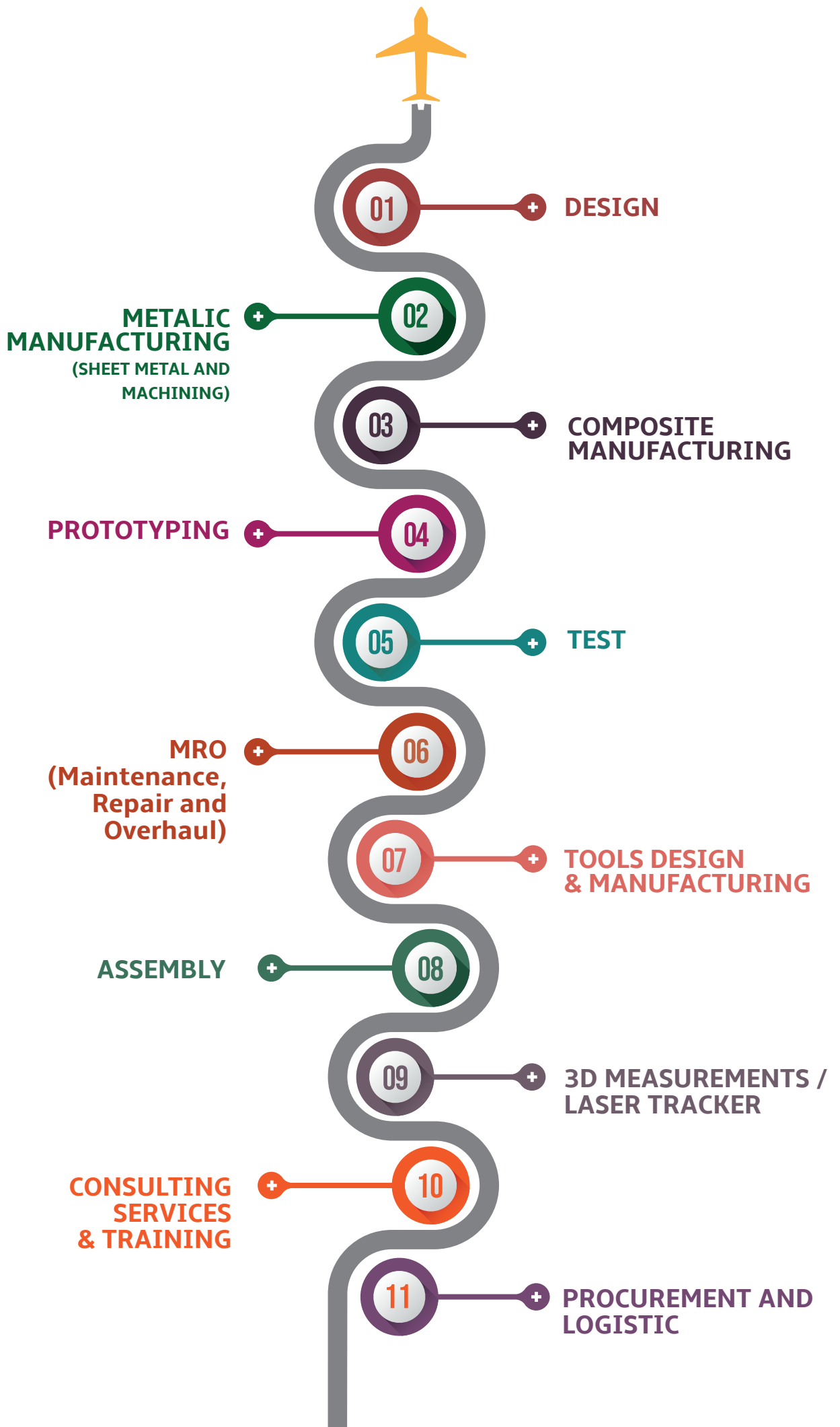
CRJ 700-900-1000 / C Series

AGUSTAWESTLAND

NH90



COMPETENCY FRAMEWORK





CONTACT

C/ Vía Noruega Nave 9AB, 11011 Cádiz, Spain

Telf: +34 956 20 07 48 / +34 619 46 37 20

E-mail: aerointer@aerointer.es

WWW.AEROINTER.ES

INTRODUCTION

Aerointer is oriented to service all aeronautical tooling needs as well as trimming for the aeronautical industry. The team has done in our more than 18 years, a lot of work for many tier one and tier two aeronautical companies in Spain such as Airbus, Airbus D&S, Alestis, Aernova, Aciturri ... such a international view, working for Calidus aero-space in Abu Dhavi, and as result, we have a great knowledge and experience.

SERVICES

- Design and manufacture of aeronautical tooling “turnkey”
- Manufacture and trimming of metal/ fiber ele-ments.
- Engineering services

INDUSTRIAL MEANS

- Aerointer´s machinery consists of five CNC milling machines, three and five lling machines, a manual lathe, and various hand tools.
- A three-dimensional measuring instrument, the FARO arm.
- A Laser Marking.





CONTACT

Alejandro Carranza García

alejandro.carranza@aerotecnic.aero

+34 676473447

Early Ovington, 16 – P.T.A. Aerópolis
41300 La Rinconada (Seville), Spain

WWW.AEROTECNIC.ES

INTRODUCTION

AEROTECNIC is a Spanish company, which mission is to manage comprehensively the manufacturing of aerostructures and components, satisfying the expectations of its clients, with an expert team and committed to competitiveness through innovation. Its vision is to be a leading aerospace company in manufacturing of aerostructures through an efficient company model. AEROTECNIC has operating in-house technological capabilities to manufacture composite parts, metallic and sheet metal parts, and to carry out assembly activities. AEROTECNIC currently has a workforce of more than 300 employees and 20,000 m2 of production facilities located in Seville and Cádiz.

PERFORMED PROCESSES MANUFACTURING OF METALLIC

(Aluminium, Titanium, Steel, Plastics, Special Alloys)

- 5, 4 and 3 AXIS CNC MACHINING
- 4 and 3 AXIS CNC TURNING
- THREAD ROLLING
- SHEET METAL (CNC MILLING AND DRILLING, WATERJET TRIMMING, FOLDING AND FORMING, SHEARING)
- CMM DIMENSIONAL INSPECTION
- HEAT TREATMENTS & SURFACE TREATMENTS

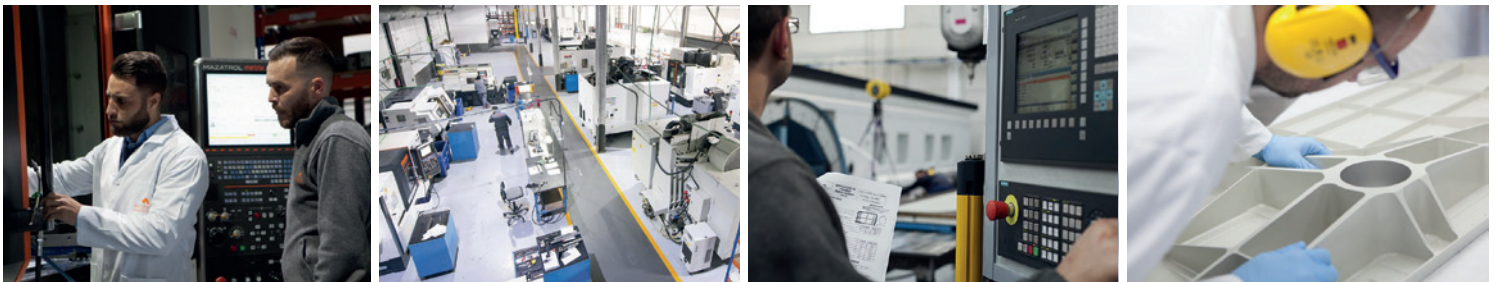
MANUFACTURING OF COMPOSITES

(Carbon, Glass and Aramid Prepregs. Dry Fabrics. Liquid Resins)

- HAND LAY-UP (HLU) – AUTOCLAVE CURING
- RTM / LRI – OVEN CURING
- 5 and 3 AXIS CNC MILLING AND DRILLING
- MANUAL TRIMMING, DRILLING AND COUNTERSINKING
- LASER TRACKER DIMENSIONAL INSPECTION
- NDT (ULTRASONIC A-SCAN & PHASED ARRAY, TRANSMISSION C-SCAN, TAP TEST, LEAK TEST)
- PAINTING

ASSEMBLY AND FITTING OPERATIONS (

Metallic, Composites and Mixed)



-ISO- 9001 -ISO- 14001



NDT, CP, M&I, ASA



CONTACT

Carlos Alberto Domínguez
General Manager
carlos.dominguez@mecaprec.es
+34 609 538 178

C/Algeciras s/n
Polígono Industrial Zona Franca
11011 - Cádiz
España

Miguel Angel Andrades
Sales manager
miguel.a.andrades@mecaprec.es
+34 619 074 767

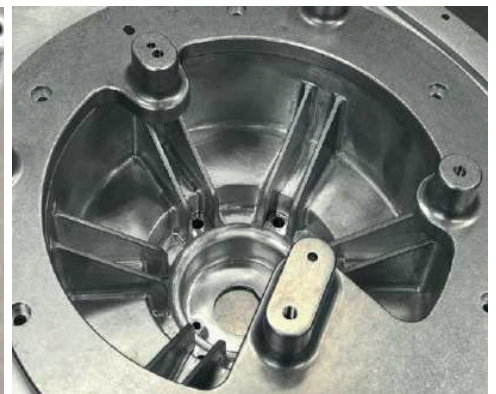
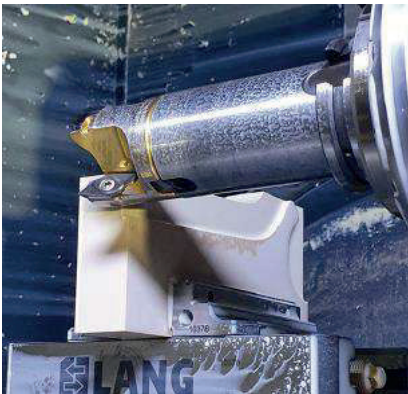
WWW.MECAPREC.ES

INTRODUCTION

Mecaprec Precision Machining Manufacture of aeronautical components, we offer from the machining service to the integral management, according to the Client needs.

COMPANY ACTIVITIES AND PRODUCTS:

- Specific manufacturing line for machining profiles for different national and international programs.
- Tooling design and manufacturing.
- High precision CNC machining, in various materials: metallic, technical plastics and composite materials.
- Threaded Rolling Process.
- Verification in MMC.



We have quality delegation of our main Clients, we are certified in:

EN 9100: 2018 / ISO 9001: 2015





CONTACT

Mr. Francisco Cabello, Sales Manager
francisco.cabello@mecanizadosymontajes.com
Av. Inventor Pedro Cawley 31
11500 Puerto de Santa María Spain

WWW.MECANIZADOSYMONTAJES.COM

INTRODUCTION

Established in 2004, M&M offers the highest standards in SHEET METAL PARTS MANUFACTURING and ASSEMBLY of complete certified products managing the full Supply Chain. Our customers base includes the main aircraft manufacturers and Tiers 1 world-wide. As well as participating for the last 16 years, in many civil and military aerospace programs, being a key supplier of parts and subassemblies for Airbus DS, Airbus Helicopters, Leonardo, Boeing, Embraer, Dassault, Bombardier, Pilatus, among others.

MRO SUPPORT:

- Maintenance personnel
- Technical Assistance
- "Working Parties"
- Design, manufacturing & assembly/installation
- Repairs out of Aircraft Maintenance Manual
- Design & certification (Civil – Military) for aircraft & helicopters modifications & upgrades
- Design of full & mid-life extension programs for military platforms
- Manufacturing & supply of integrated material for retrofit kits with STC
- Provision of analysis & recommendation of technical & logistics follow-on support for systems life cycle - DOA / POA.

OUR TECHNOLOGY

Manufacturing Engineering - Tooling: Design and Manufacturing - Raw material: Procurement and reception - Profile Manufacturing by lamination - CNC Trimming and Machining Technologies - Forming Technologies (Elastoforming, Bending, Cold / Hot Jogging, Stretching) - Heat Treatments - Special Processes (Tartaric Sulfuric Anodizing, Chemical Conversion Coating, Steel passivation, etc.) - Paint Mixture and Application - Sub-assemblies and equipped of detail parts - Complex parts up to 5 meters length - Penetrant testing & Hardness and Conductivity Measurement - Final Products





CONTACT

Fernando Castro B. de Quirós
Operation Manager
fernando@fidaeronautica.es

C/ Pedro Muñoz nº7.1ºE
El Puerto de Santa María
11500 - Cádiz (Spain)
+34 956 54 35 96

WWW.FIDAERONAUTICA.ES

ADVANCED TRAINING CENTRE FOR THE MANUFACTURE AND REPAIR OF AERONAUTICAL STRUCTURES

INTRODUCTION

FiD Aeronáutica, with 25 years of experience, is one of the most highly valued training companies by aeronautical manufacturing companies in Spain.

FiD Aeronáutica specialises in training processes in the manufacture and repair of aeronautical structures in metal and composite materials. Since 2020 we have been accredited as an INDRA collaborating centre in composite material training. We own a manufacturing centre with a complete range of manufacturing, repair, final finishing, inspection and logistics stations.

MAIN SERVICES:

- STATION COMPOSITES
- STATION ASSEMBLY
- STATION METAL FORMING
- STATION PAINTING



Fundación Estatal
PARA LA FORMACIÓN EN EL EMPLEO



Junta
de Andalucía





CONTACT

Management: Isabel Herrera Rubio
isabel.herrera@gmbinduccion.es

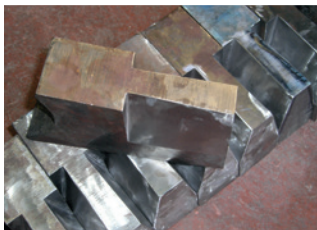
Commercial: Carlos Melero Ordóñez
carlos.melero@gmbinduccion.es
956 40 36 62 / 670 02 93 79

Calle de las Libertades, 21
Polígono Industrial Pelagatos
Chiclana de la Frontera
(Cádiz) -11130

WWW.GMBINDUCCION.COM

INTRODUCTION

GMB INDUCCIÓN S.L. is dedicated to the machining of parts of all kinds and in all kinds of materials, also we offer the assembly of the sets of the manufactured parts. That gave the company a big experience on the aeronautic, naval, and automotive world.



TECHNICAL CAPACITY

GMB perform the following CNC work with Dassault Systemes Catia software:

- Machining and forming of profiles
- Design, programming, and machining of ironwork
- Design, programming, machining, and assembly of assemblies
- Design, programming, and machining of tools

Within the CNC, we have the following:

- CNC1: machining steel, aluminum, and plastic with a maximum dimension of X = 1000, Y = 500 and Z = 610 mm
- CNC3: machining aluminum and plastic with maximum dimensions of X = 1205, Y = 530 and Z = 510 mm
- CNC4: machining steel, aluminum, plastic, and wood with maximum dimensions of X = 1525, Y = 635 and Z = 635 mm
- CNC5: machining aluminum with maximum dimensions of X = 762, Y = 406 and Z = 508 mm
- CNC6: machining steel, aluminum, and titanium with a maximum dimension of X = 2000, Y = 1000 and Z = 1500 mm
- TNC1: machined steel, aluminum, plastic, and titanium with a maximum diameter of $\varnothing_{max} = 300$ mm and dimensions of X = 300 and Z = 650 mm.





CONTACT

José Ramón Alba
Managing Director
jose.alba@mecanizadosmbc.com

WWW.MECANIZADOSMBC.COM

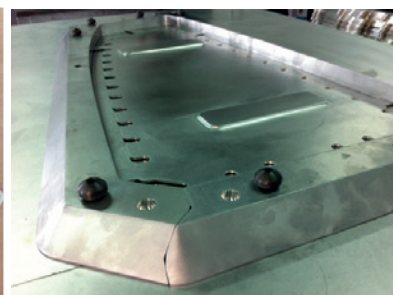
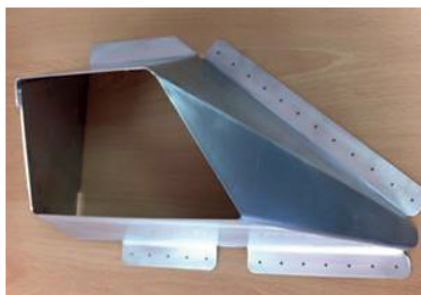
C/ Eratóstenes, 15
Pol. Industrial Las Salinas
CP 11500 El Puerto de Santa María
Cádiz (Spain)
(+34) 956 547 578

INTRODUCTION

MBC is a company specialized in the design and manufacture of aeronautical tools and also in the machining of elementary parts with high production. We also have a manufacturing line of metal sheet parts in which we are highly productive, and we complement with the forming process in bending machine. MBC has CNC machines (3 and 5 axis) until 6m and we have highly qualified engineers and technicians in the aeronautical sector.

SERVICES

- DESIGN AND MANUFACTURING OF AERONAUTICAL TOOLS
- MACHINING ELEMENTARY PARTS
- MACHININGS HEET METAL PARTS (2 / 5 AXIS)
- THIKNESS MACHINING SHEET METAL PARTS
- FOLDED SHEET METAL PARTS



Our activity is guaranteed by our ISO 9001 / EN 9100 certification sand the Aerospace Quality Management Systems have been applied to the following scope:
"Manufacture of tools and elementary parts by machining and forming processes"





CONTACT

J. Enrique Garófano
Operations Manager
jenrique-garofano@saicasl.eu

C/ Alfred Nobel, 22 - 6
El Puerto de Santa María
11500 - Cádiz (Spain)

WWW.SAICASL.EU

+34 856 152 918

INTRODUCTION

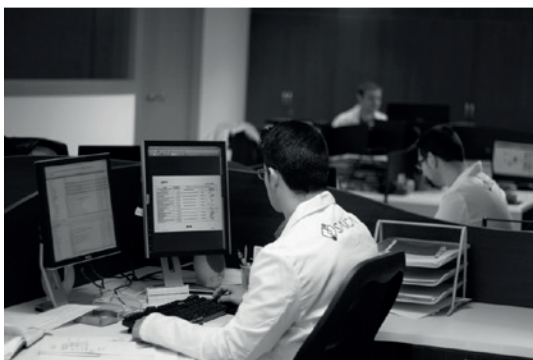
SAICA S.L. is a leading company in the provision of advanced services in metrology, quality engineering, R&D and software solutions, able to offer a flexible, responsible and reliable service based on the principles of continuous improvement, communication and empathy.



SERVICES

- METROLOGY MANAGEMENT
- DEVELOPMENT SOFTWARE
- CNC MACHINE TOOLS CERTIFICATION
- R&D PROJECTS

Our activity is guaranteed by our ISO/IEC 17025 accreditation, ISO 9001 /EN 9100 certifications and customer approvals such as Airbus Operations, Airbus Defence and Space and NAVANTIA.





**Engineering - Automation
Robotics - Digitalization**

CONTACT

South Office	North Office
Calle Manantial, 13 (Edificio CEEI - Nave 4)	Avenida Gonzalo Navarro P.1 Local 16
11500 El Puerto de Santa María	Polígono Industrial Río do Pozo
(+34) 956 833 700	15540 Narón
(+34) 671 410 000	surcontrol@surcontrol.com
(+34) 956 833 702	WWW.SURCONTROL.COM

INTRODUCTION

Surcontrol is a company dedicated to automation engineering, control, systems supervision, robotic cells and digitization. Implementation of advanced solutions, prioritizing continuous research and innovation of our products and services.

Robotics is one of the strong pillars of the company, having undertaken many projects successfully, because we not only commit ourselves to our clients and technological partners, but we scrupulously comply with their needs.

We are specialized in the development and integration in production lines of industrial and collaborative robots in the Aeronautical Sector with cells for drilling, riveting and surface sanding. In this field we work with the main robot manufacturers, integrating our solutions with their equipments, always of the highest level.



CONTACT



Manager: José María Riego León
josemaria@goerri.com
606 94 98 30

Quality Manager: Juan C. Bayón Gutiérrez
juancarlos@goerri.com
629 92 20 58

Polígono Industrial El Portal
C/Marruecos 4, naves 4-5
11408 Jerez (Cádiz - Spain)
+34 956 141 296 / 606 949 830

WWW.GOERRI.COM

INTRODUCTION

GOERRI S.L. company with more than 40 years of experience in the aeronautical machining sector and industry in general.

We offer machining services and assemblies of subassemblies in various materials: aluminum, titanium, steel, technical plastics, etc.

Our product catalog is developed under Integral Management adapting to all the requirements of our customers

We have a fully equipped verification room to ensure the quality of our products: MMC, profile projector, Vertical Column, etc.

NADCAP certification and our customers to execute the assembly operations of bearings, bushings, inserts, application of sealants, etc.



-EN- 9100: 2018
-ISO- 9001: 2015



ASA 7000 ASA 7135
ASA 7135/3 ASA 7135/4



CONTACT

Juan Francisco Hita Fernández
administracion@tecnocorte
+34 678 71 00 29

Pol. Urbisur
Avda. de los Descubrimientos, 26-28
11130 Chiclana de la Frontera
+(34) 956 40 84 19

info@tecnocorte.net

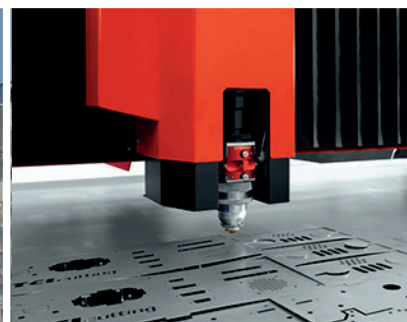
WWW.TECNOCORTE.NET

ACTIVITY

- CUTTING AND ENGRAVING ALL TYPES OF MATERIALS BY WATER JET OR LASER.
- FULL COLOR UVI MARKING AND PRINTING OF ALL TYPES OF SURFACES.
- MANUFACTURE OF BASIC SANITARY PRODUCTS. MANUFACTURING LINE FOR SURGICAL MASKS II-R AND FFP2.

MAIN SERVICES

- CUTTING BY WATER JET, 2 AND 3D 6100 BAR PRESSURE.
- CUTTING AND LASER ENGRAVING.
- MILLING OF PARTS.
- CHEMICAL ENGRAVING BY LASER.
- FULL COLOR PRINTING WITH UV INKS.
- MANUFACTURE OF SURGICAL MASKS II-R AND FFP2.



CERTIFICATION

- **ISO** 9001: 2015
- **EN** 9100: 2018

CEC

CONFEDERACIÓN EMPRESAS

PROVINCIA DE CÁDIZ

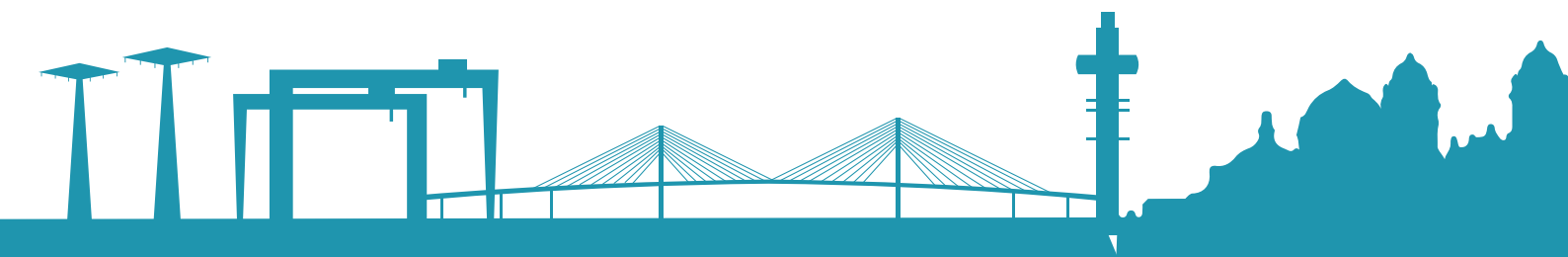


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