



Company Profile



About Us

Integrated corporate support since 2002.

AGIS was founded in 2002 with the aim of offering companies in every sector integrated support in defining, maintaining and improving organizational systems. With a team of highly qualified and experienced specialists, we offer specific expertise tailored to each type of business organization.

Discover our services





Advanced Engineering Solutions

Innovation in Industrial Engineering Services

We provide integrated solutions ranging from precision installation to reverse engineering. We are committed to supporting every aspect of our clients' industrial needs while always looking toward the future.

Discover our services





Services

Dimensional Testing

On-site dimensional testing services as core business, with ad hoc options or through integrated arrangements.



AGIS



Services

Fluid Mechanical Electrical Installation of Slab Lines

Complete installation of robotic slab lines, from laser tracing to final geometric certification.



AGIS



Services

Manufacture and production of aircraft parts

Manufacture of instrumentation and equipment for aircraft final assembly lines, mandrels, and laminating equipment for composite materials.



AGIS



Services

Design, Installation and Maintenance

Turnkey services for design, assembly and maintenance of industrial equipment.



AGIS



Services

Training

Training programs for autonomous use of measuring machines, increasing the operational independence of customer personnel.



AGIS



Services

Method and fine-tuning

Equipment tuning and methodological analysis for guaranteed industrial efficiency.



AGIS



Services

Reverse Engineering

Advanced reverse engineering techniques for reconstructing CAD models, especially for industry without pre-existing drawings.



AGIS



Servizi

Topography and environmental scanning

Essential for planning and managing complex projects, ensuring accurate data for construction, industry and land management.



AGIS



Services

Dimensional Testing

The core business of AGIS focuses on dimensional testing, mainly at customer sites. We offer customized services for specific needs such as new product launches or expansion of measurement capabilities, as well as contracts for ongoing measurement management with own or customer instrumentation. AGIS is also a strategic partner in the programming of automated measuring instruments, such as CMMs, operating in industries such as automotive, aerospace, marine, oil and gas, and precision engineering.

Discover our services





Services

Fluid Mechanical Electrical Installation of Slab Lines

Agis has Mechanical Electrical and Fluidic figures for the complete deployment of Robotic Slab Lines. We offer turnkey service from initial laser plotting to final geometric approval of the product, ensuring seamless integration with dimensional measurement systems.

Discover our services





Services

Manufacturing and production of aircraft parts

We manufacture instrumentation and equipment for aircraft final assembly lines, as well as forming and laminating mandrels for composite materials. In addition, we manufacture airworthy parts made of aluminum, titanium, and steel alloys, both as first-article samples and for recurring production. We implement innovative technologies for machining operations and develop specialized tooling to continuously reduce machining times.

Discover our services



Manufacture of airworthy parts using vertical machining

Production processes: procurement of raw materials – manufacturing – surface and heat treatments – assembly – testing

→ Aluminum - Steel - Titanium - 15-5 PH



Manufacture of airworthy parts using vertical machining

Production processes: procurement of raw materials – manufacturing – surface and heat treatments – assembly – testing

→ Aluminum - Steel - Titanium - 15-5 PH



Injection molding equipment

Production processes: equipment design – raw material procurement – manufacturing – surface and heat treatments – assembly – testing

→ **Aluminum - Cast Iron - Steel**



Tool support base - cod. 34F

Production processes: equipment design – raw material procurement – manufacturing – surface and heat treatments – assembly – testing

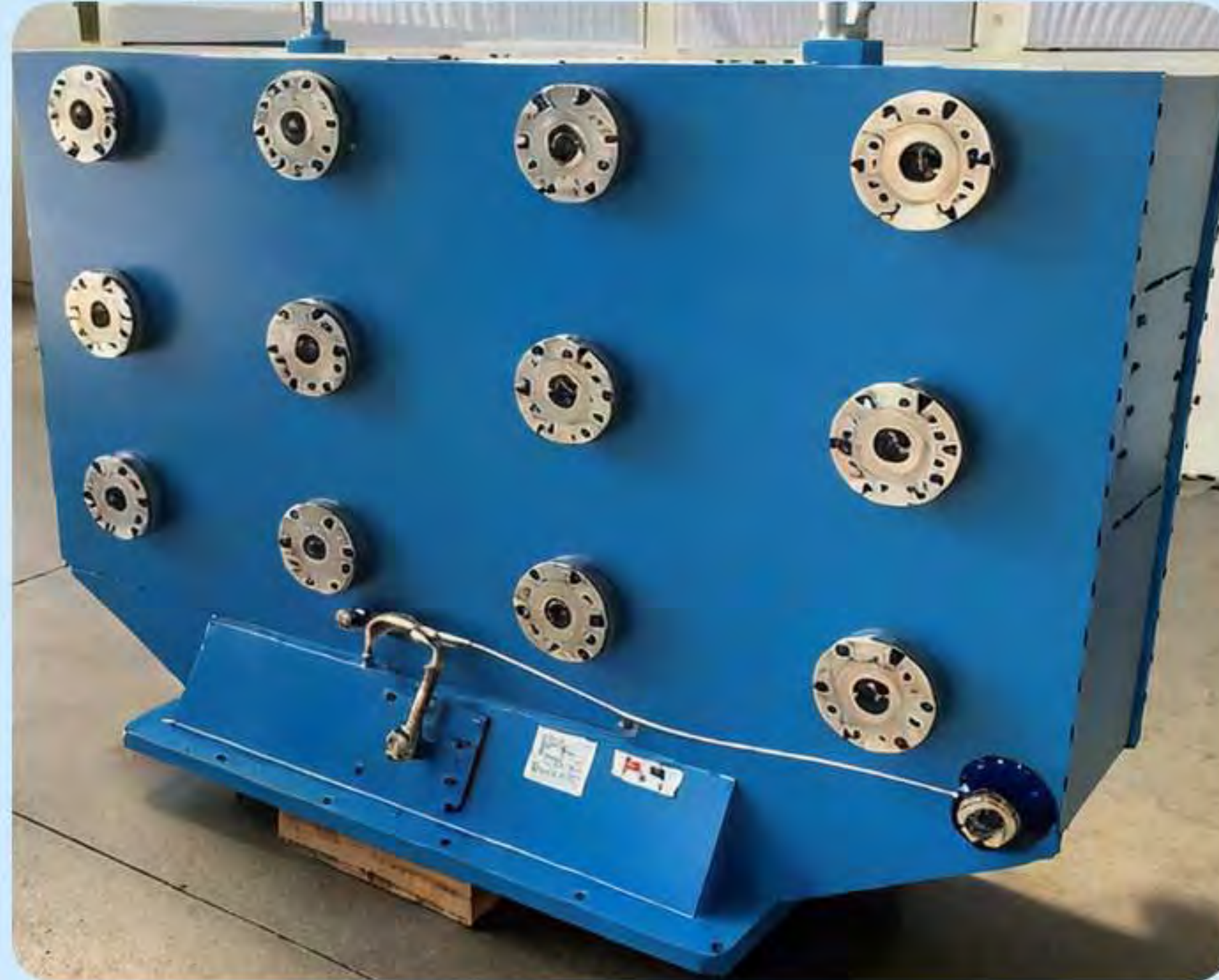
→ Aluminum - Cast Iron - Steel



Milling workpiece holders - cod. 18F

Production processes: equipment design – raw material procurement –
manufacturing – surface and heat treatments – assembly – testing

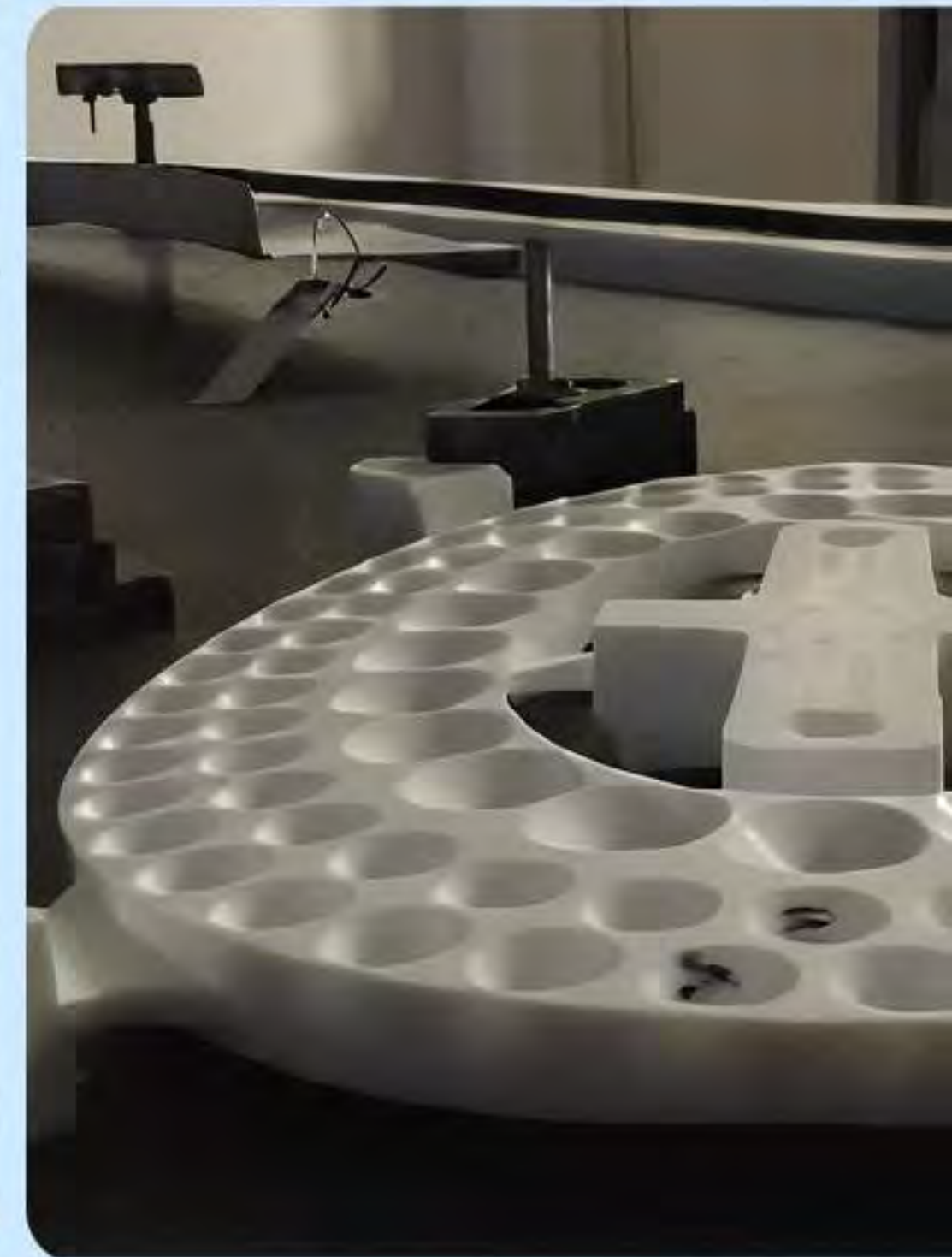
→ **Aluminum - Cast Iron - Steel**



Plastic processing - molding patterns

Production processes: equipment design – procurement of raw materials – manufacturing – surface and heat treatments – assembly – testing

→ Plastic



Ironing rollers - cod. 17D

Production processes: equipment design – procurement of raw materials – manufacturing – surface and heat treatments – assembly – testing

→ Cast iron – Steel



Construction of a control jig - cod. 18E

Application processes: equipment design – procurement of raw materials –
manufacturing – assembly – testing

→ Aluminum - Resin



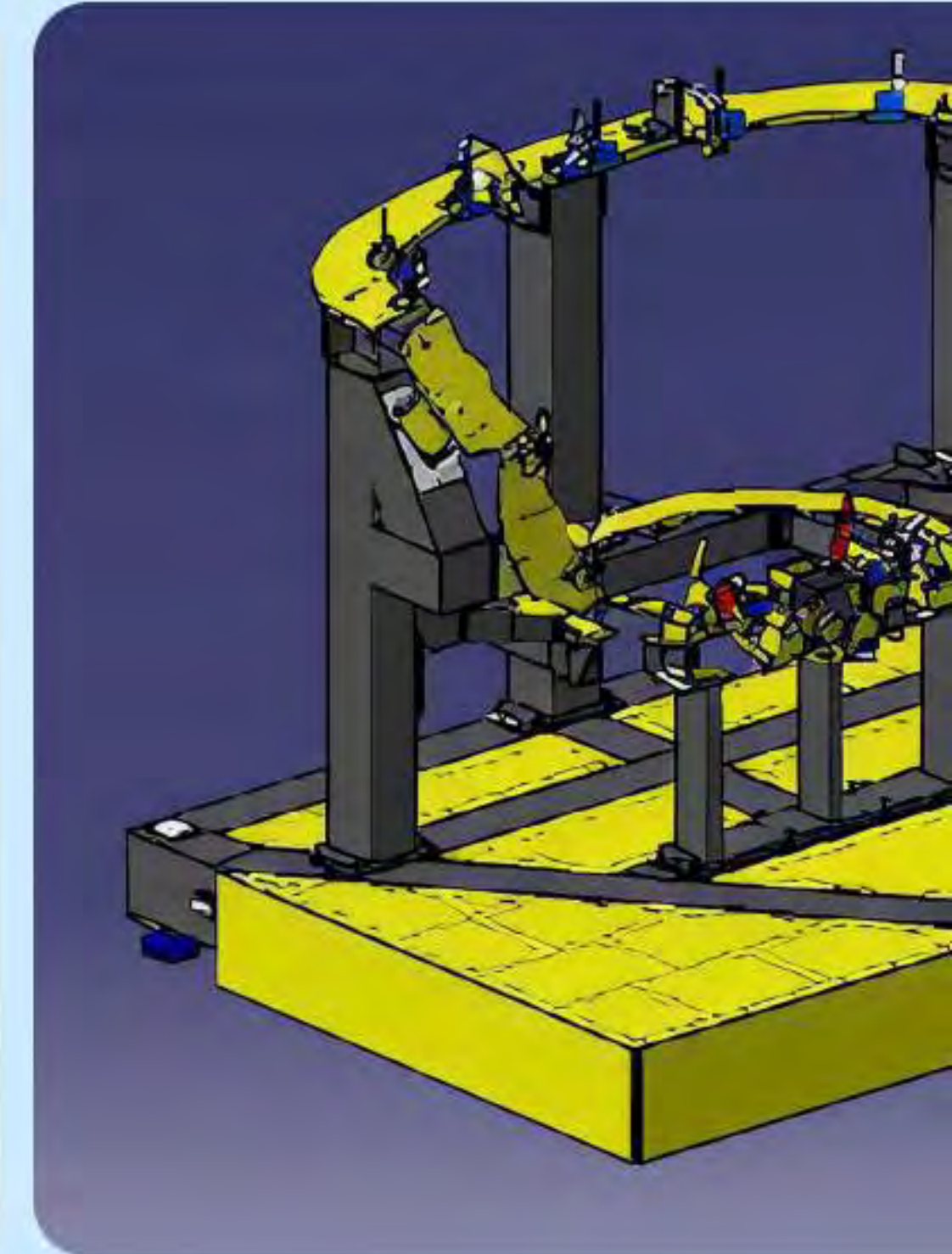
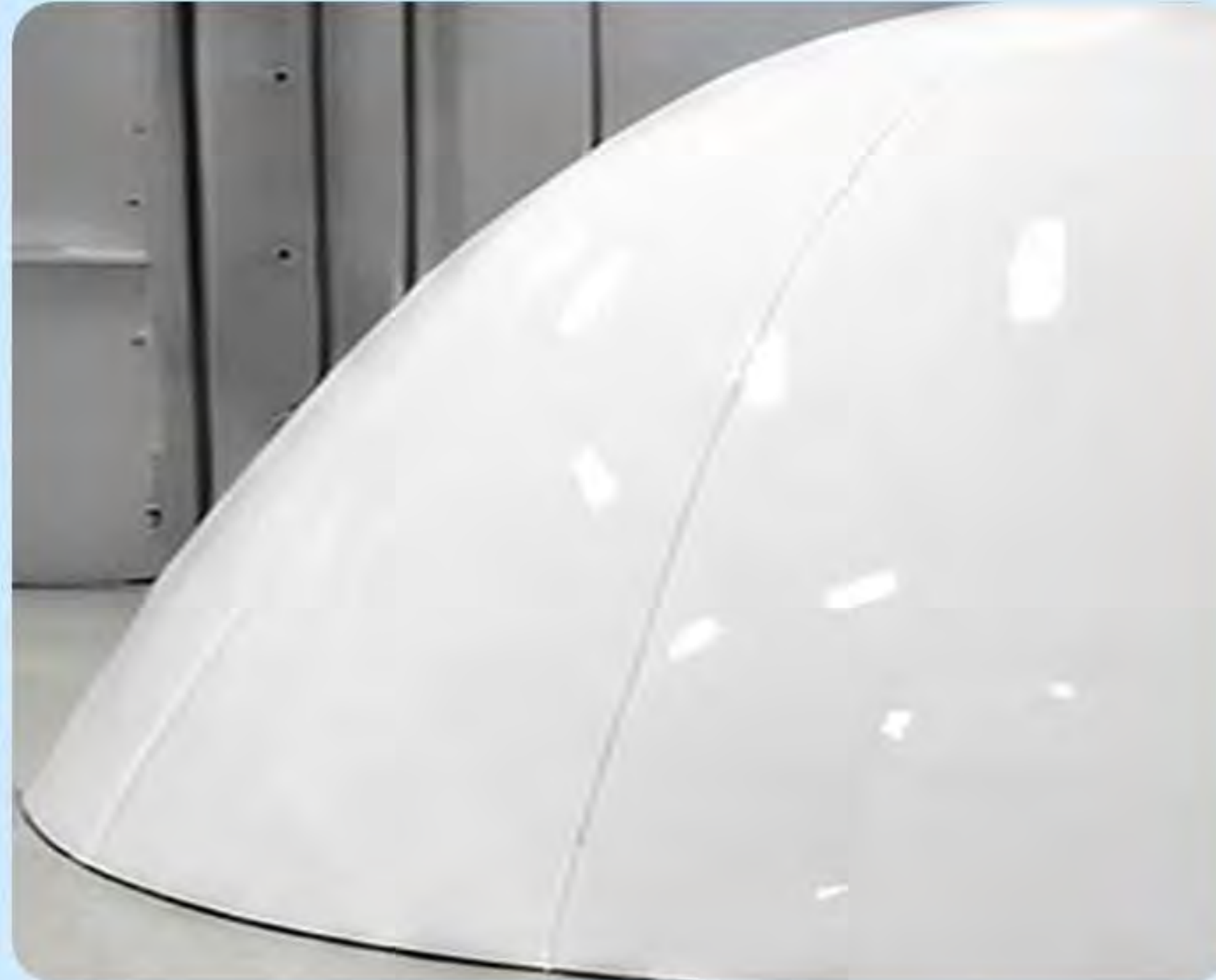
Construction of assembly stands - cod. 12C Piaggio program

Application processes: equipment design in collaboration with the customer – procurement of raw materials – manufacturing – surface and heat treatments – assembly – testing – installation at the end customer's site



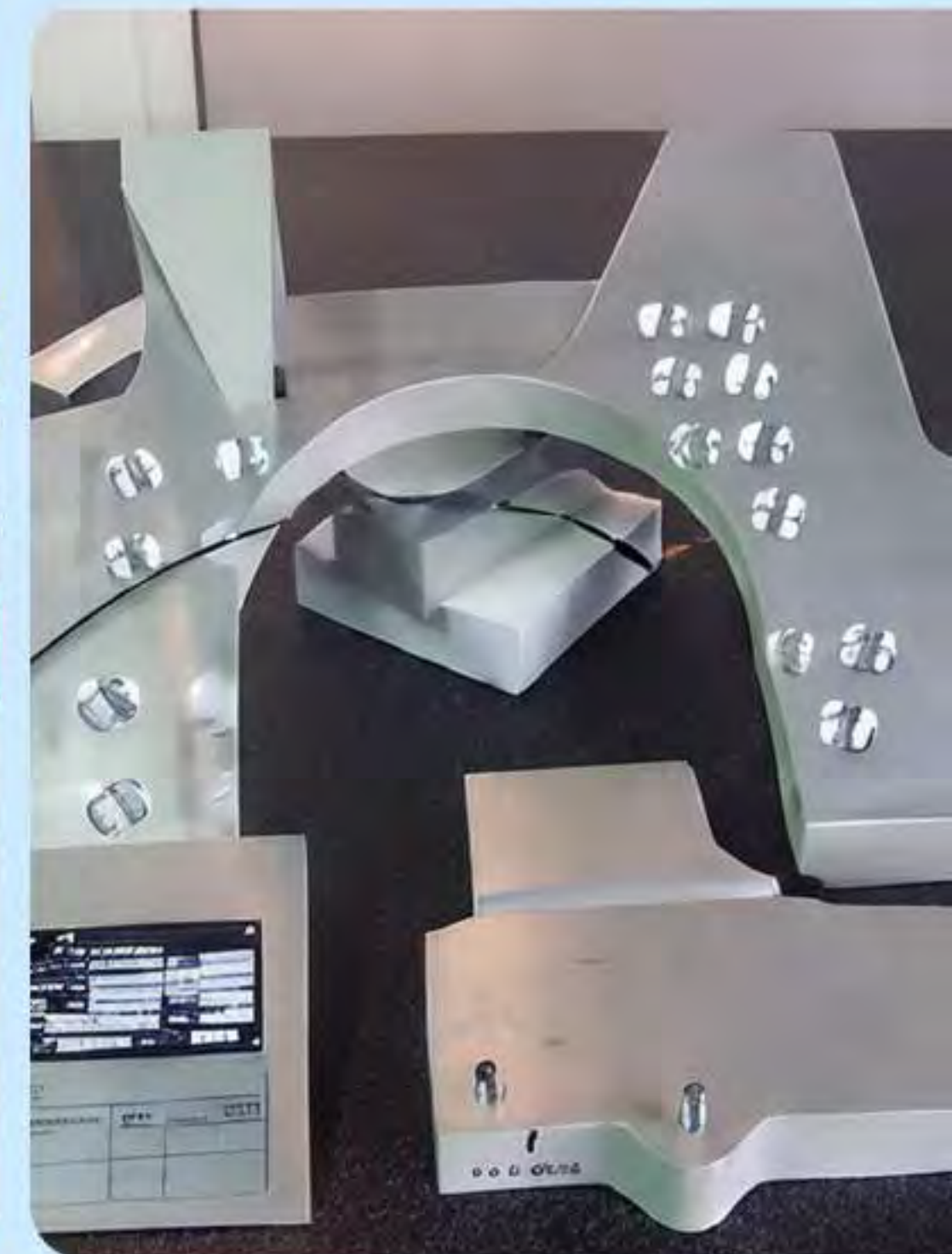
Construction of a mounting frame for radome - cod. 12C AW189 program

Application processes: equipment design in collaboration with the customer – procurement of raw materials – manufacturing – surface and heat treatments – assembly – testing – installation at the end customer's site



Construction of assembly station - cod. 12C

Application processes: equipment design in collaboration with the customer – procurement of raw materials – manufacturing – surface and heat treatments – assembly – testing – installation at the end customer's site



Construction of a radome assembly station cod. 12C-13C for the Bombardier program

Application processes: equipment design in collaboration with the customer – procurement of raw materials – manufacturing – surface and heat treatments – assembly – testing – installation at the end customer's site



Construction of a radome assembly station cod. 12C-13C for the A330 cargo program

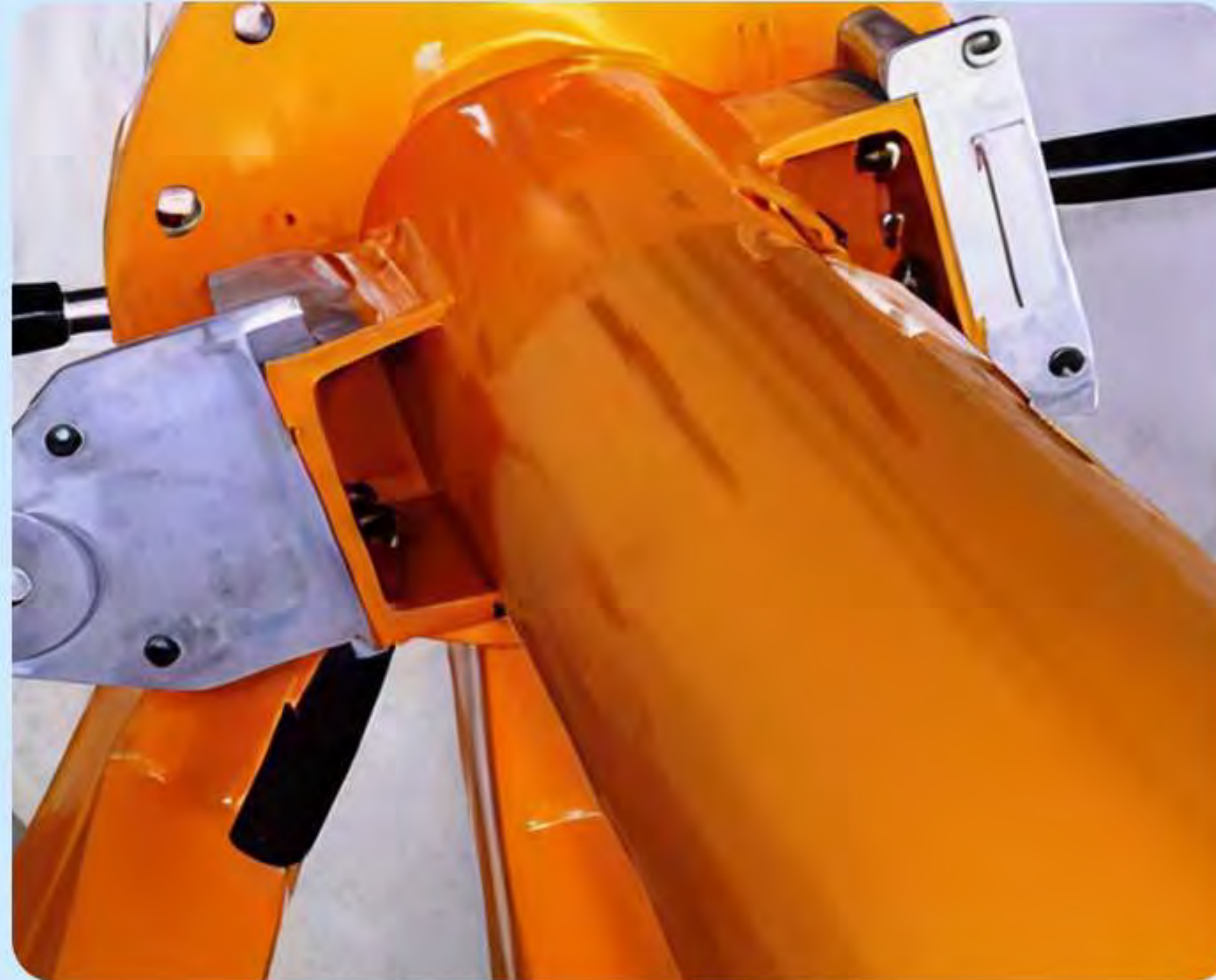
Application processes: equipment design in collaboration with the customer – procurement of raw materials – manufacturing – surface and heat treatments – assembly – testing – installation at the end customer's site



Construction of a radome assembly station cod. 12C-13C for the Falco program

Application processes: equipment design in collaboration with the customer – procurement of raw materials – manufacturing – surface and heat treatments – assembly – testing – installation at the end customer's site

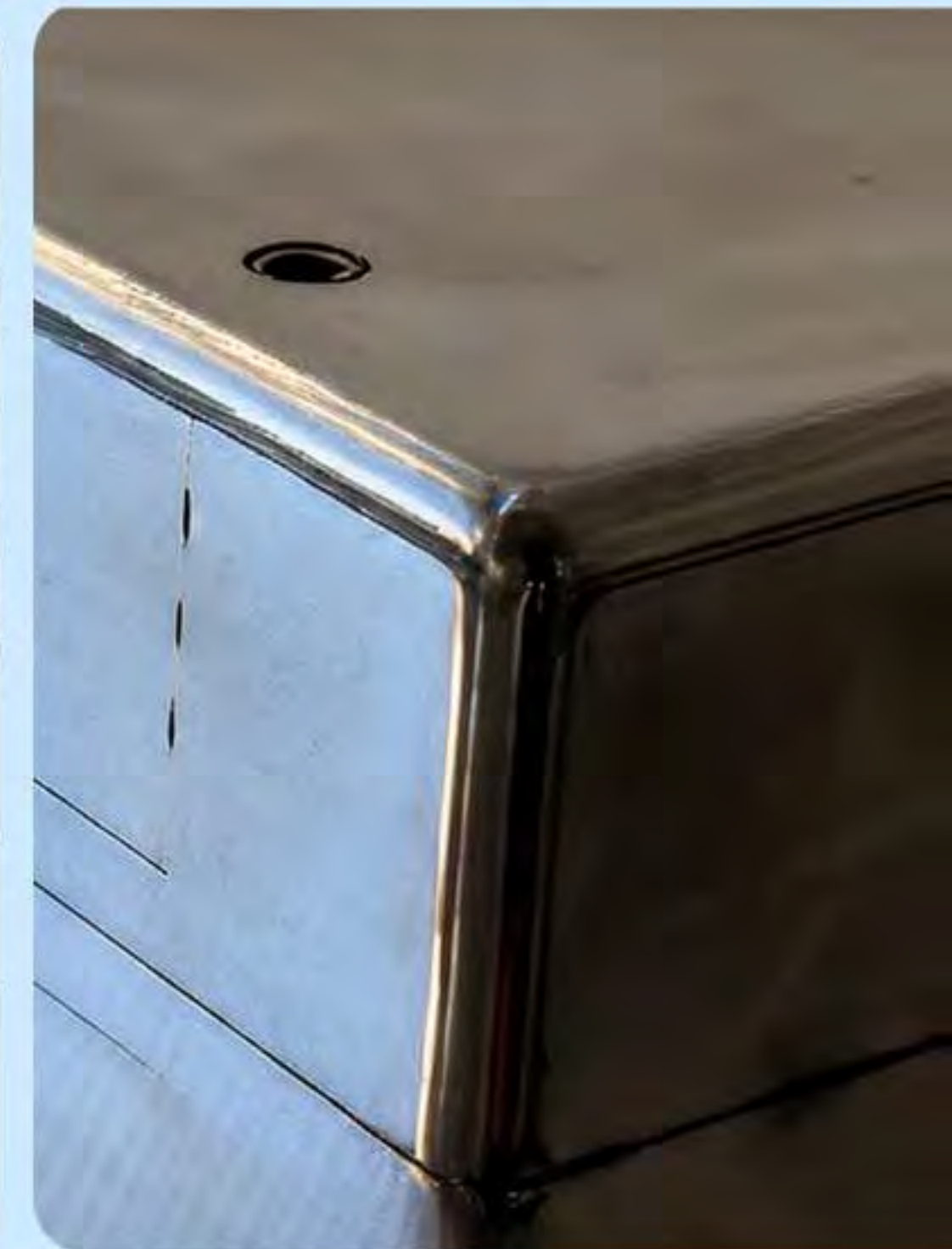
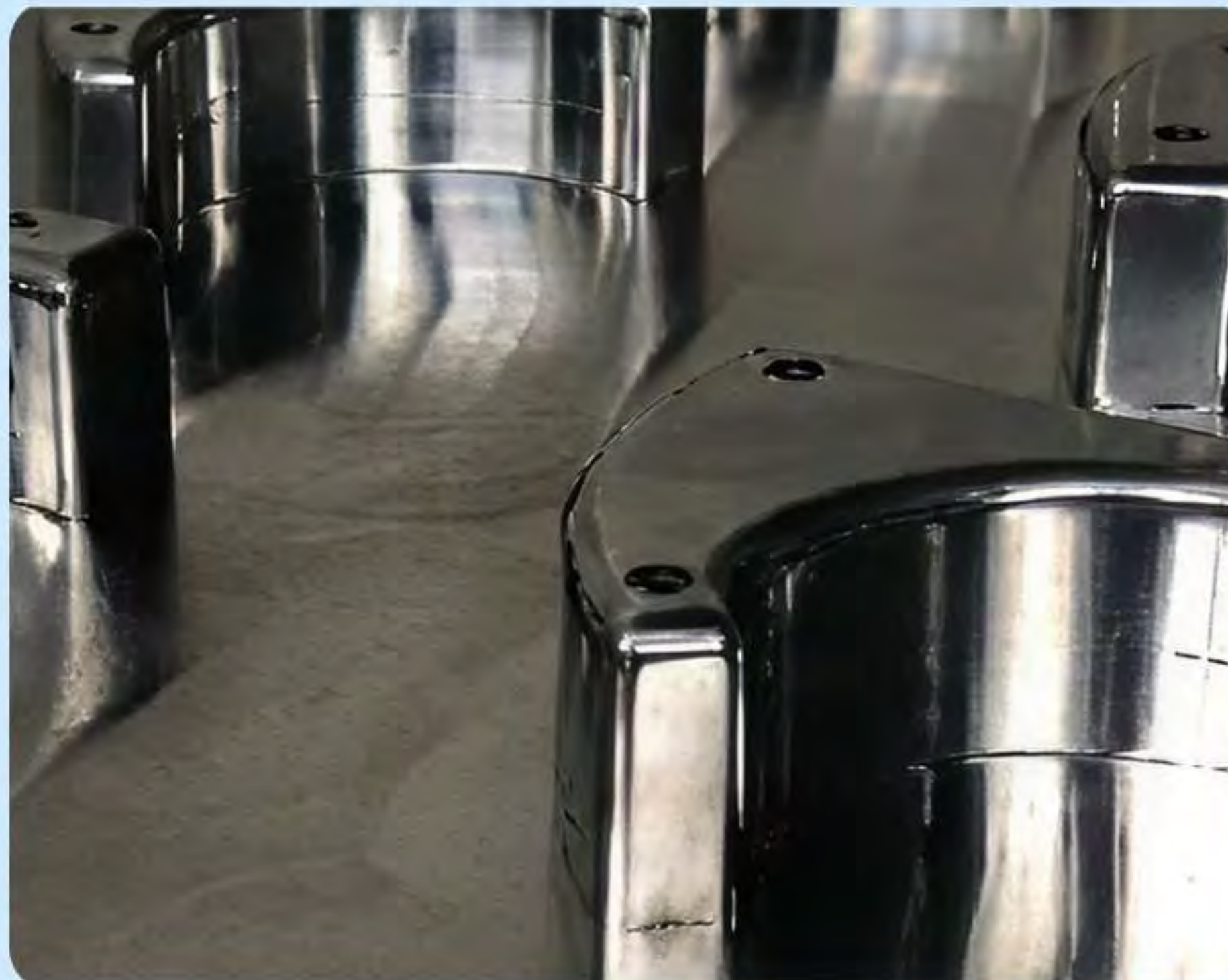
Remotely Piloted Aircraft System (RPAS)



Manufacture of curing equipment for composite materials cod. 41E-44E

Application processes: equipment design – raw material procurement –
manufacturing – testing – assembly

→ Aluminum – Steel – Invar



Manufacture of tools for finishing parts outside the factory - cod. 16C

Application processes: equipment design – raw material procurement –
manufacturing – testing – assembly

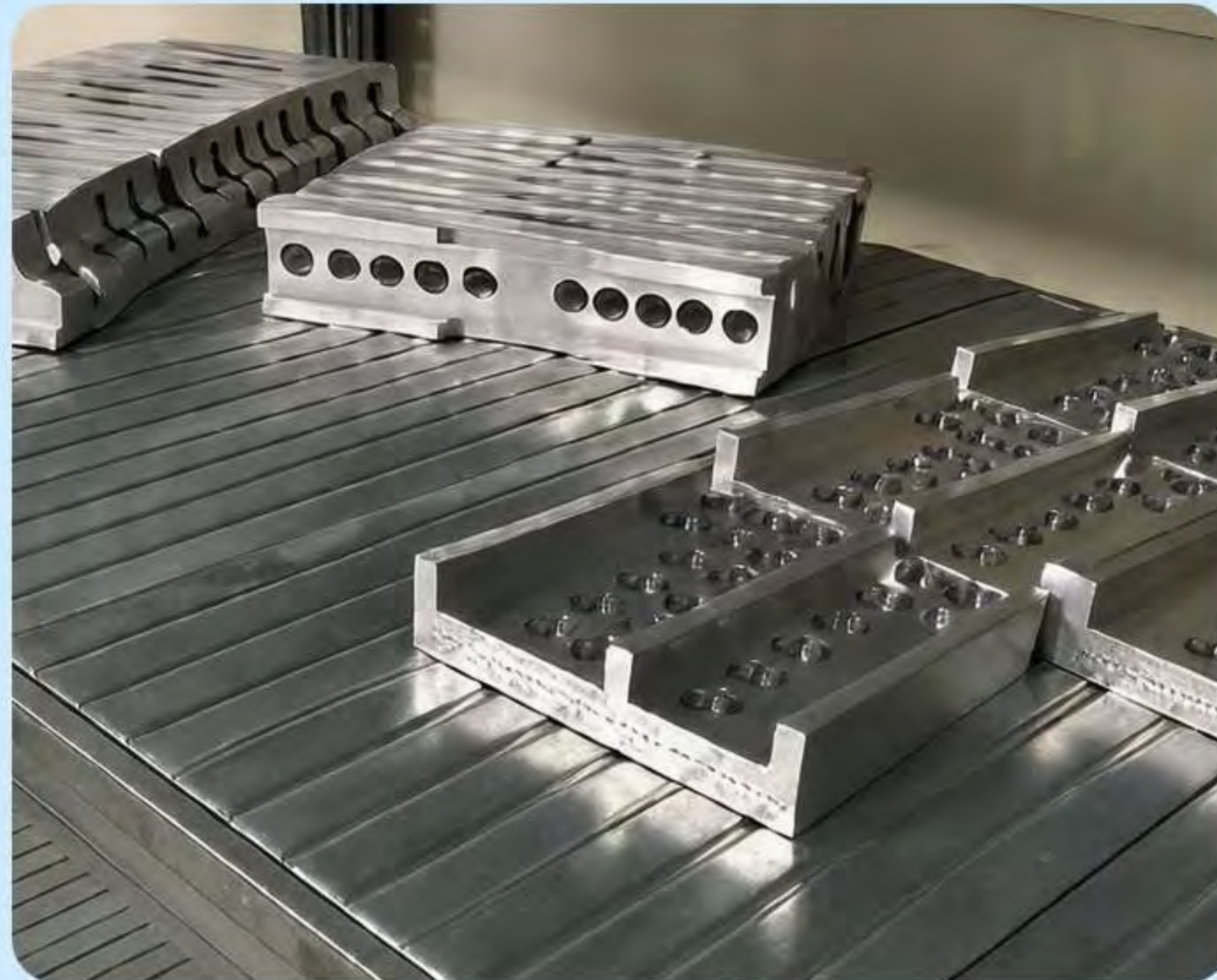
→ Aluminum – Iron



Manufacture of drilling jigs - cod. 11C

Application processes: equipment design – raw material procurement –
manufacturing – testing – assembly

→ Aluminum – Iron



Manufacture of transport carts - cod. 13A

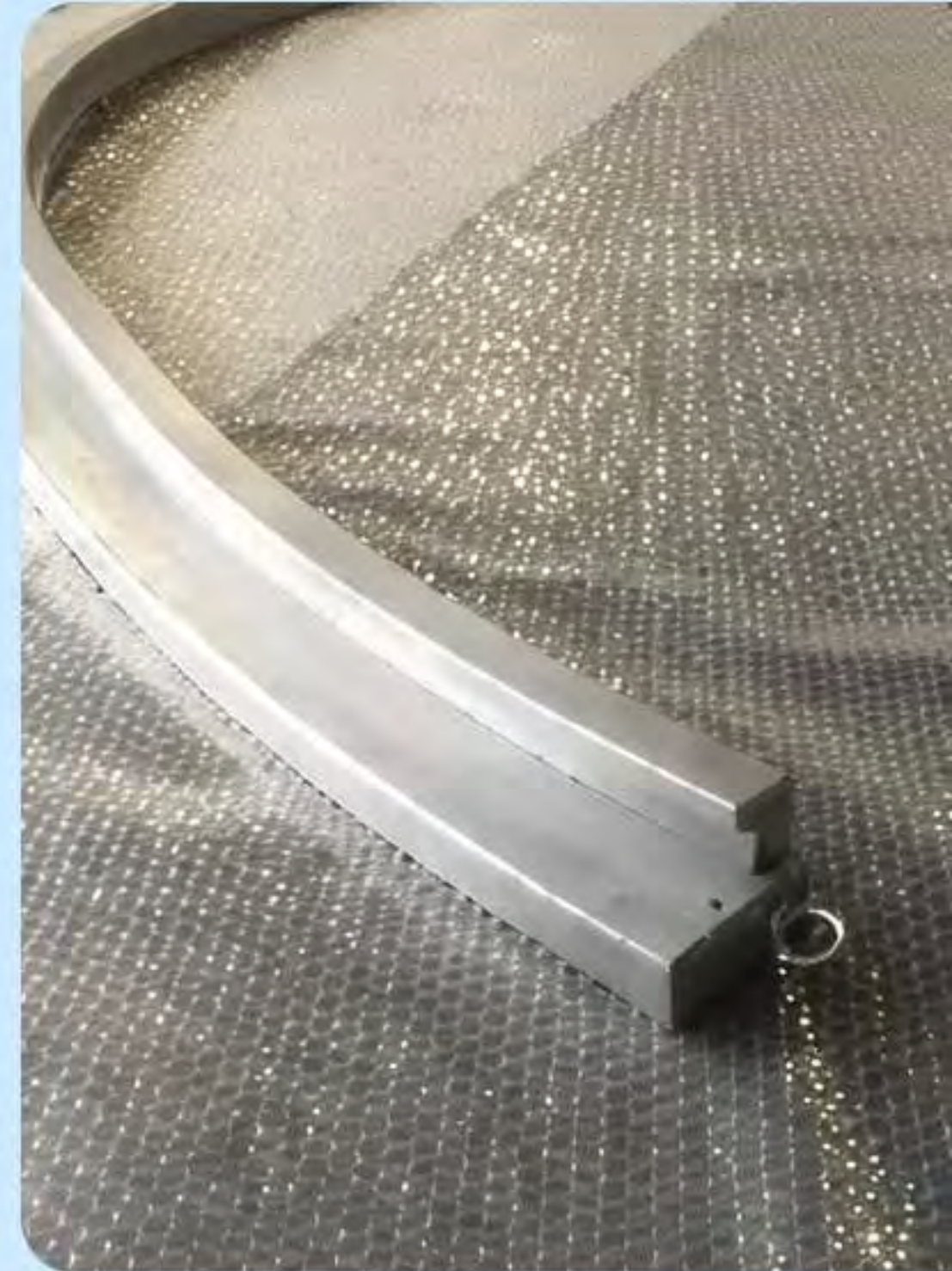
Application processes: equipment design – raw material procurement –
manufacturing – testing – assembly

→ Aluminum – Iron



Manufacture of forming mandrels for rubber presses - Cod. 12B-13B

Application processes: equipment design – raw material procurement – manufacturing – testing – assembly



Lifting and handling equipment - Code 11H

Application processes: equipment design – raw material procurement –
manufacturing – testing – assembly

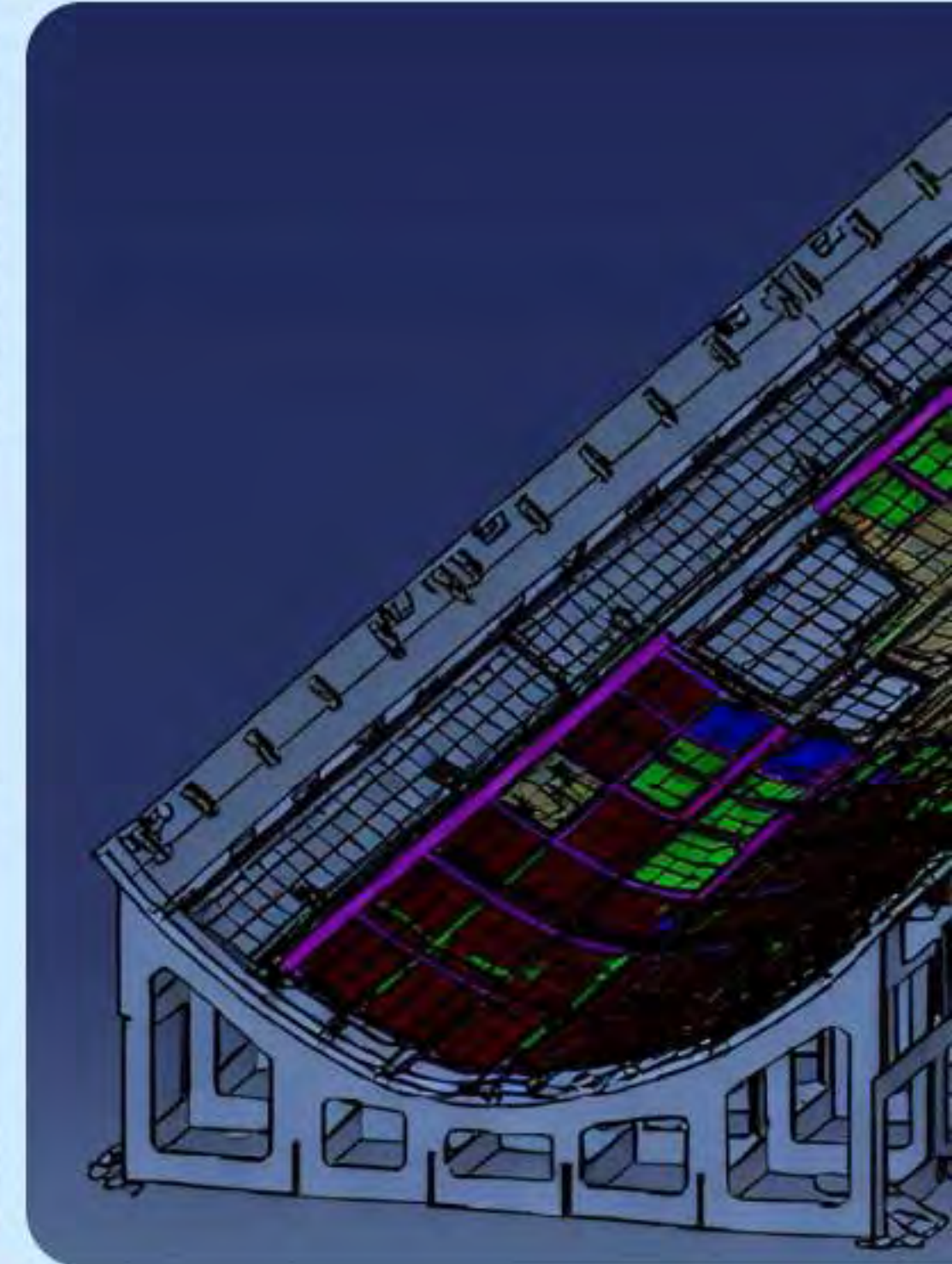
→ Iron



Workpiece holder for ATR fuselage panel contouring - Cod. 18F

Application processes: equipment design – raw material procurement –
manufacturing – testing – assembly

→ Aluminum



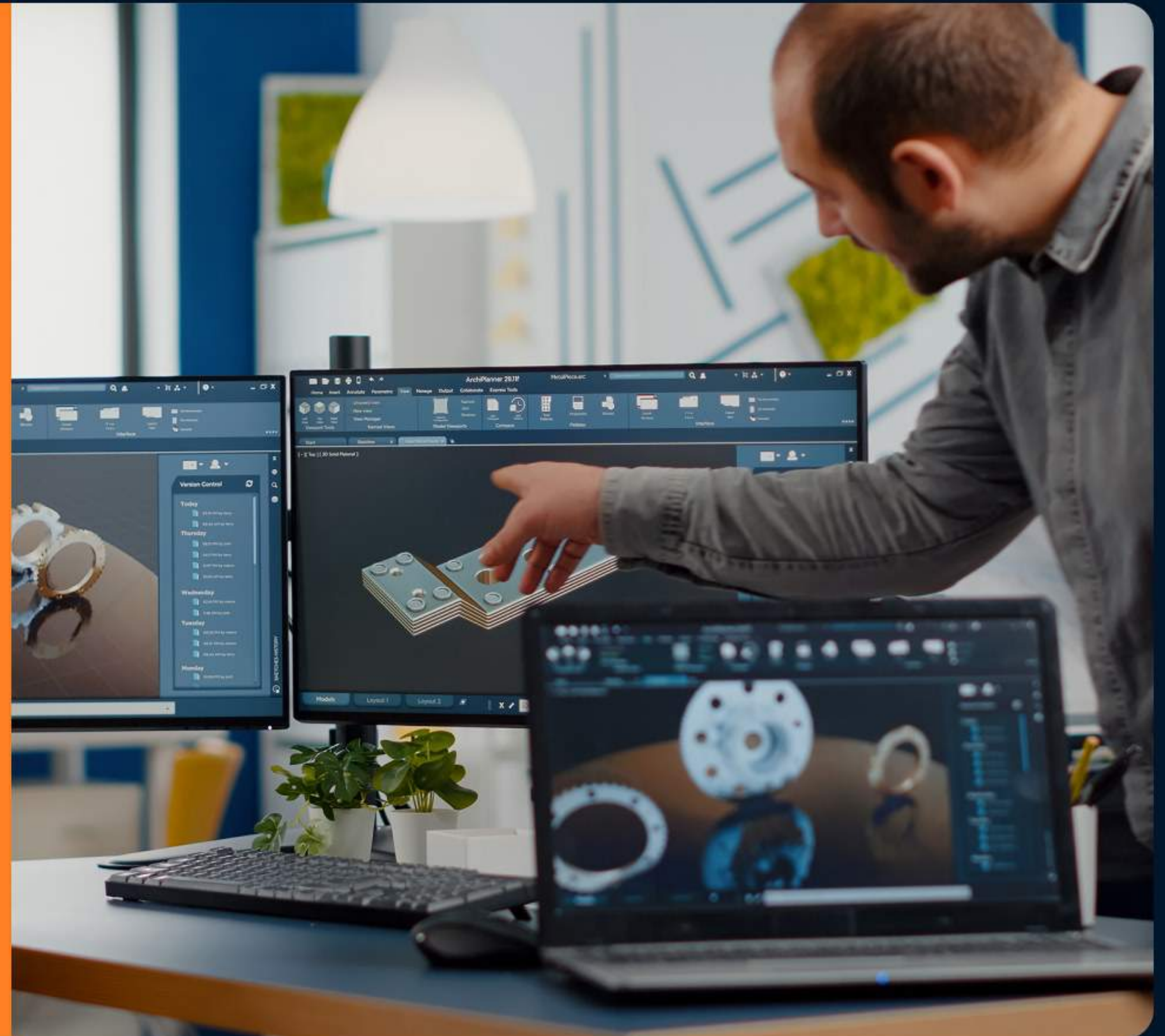


Services

Design, Installation and Maintenance

We provide turnkey services that cover the entire life cycle of industrial equipment, from customized design to detailed assembly and assiduous maintenance. Our holistic approach ensures maximum performance and reliability, responding precisely to the specific production needs of each industry sector, thus ensuring a complete and professional service.

Discover our services



Corporate Engineering Department



The company is capable of managing a fully integrated product lifecycle, from feasibility studies and design through to final testing. The in-house engineering department is responsible for:



Create 3D models based on drawings, transparencies, or sample parts



Develop CAM software for internal use and/or for third parties



Create studies, 3D models, and 2D drawings of production equipment



Manage the design of flight parts or sub-assemblies for aircraft structures



Using advanced graphics software such as Catia V5



Prepare manufacturing processes, operating instructions, and technical documentation for production, assembly, and testing

A+

Services

Training

Through dedicated training programs, AGIS enhances the operational independence of client personnel by providing the tools for autonomous use of measuring machines. This approach ensures not only optimization of resources but also increases quality and accuracy in various industries, promoting continuous technological and professional advancement.

Discover our services





Services

Method and fine-tuning

Equipment tuning is critical to ensure maximum efficiency and proper operation of industrial processes. Our service focuses on precise machine tuning and detailed evaluation of processing methods. The methodist, a key figure in this process, is responsible for analyzing and optimizing production techniques to reduce costs and increase productivity. We provide tailored solutions that fit specific production needs, ensuring optimal and sustainable results.

Discover our services





Services

Reverse Engineering.

In many industries, such as mold tooling and machining and control equipment, it is common to produce objects without a CAD model. Often, reconstruction of the mathematical model by reverse engineering is necessary for products created before the advent of CAD or for artistic objects. AGIS uses optical digitizing systems to acquire point clouds accurately and quickly. The data processing stage is done through solid modelers to provide the CAD model in the format required by the customer.

Discover our services





Services

Topography and environmental scanning








With the use of drones, RTC360 3D laser scanners, precision equipment, and advanced GPS technologies, we are able to provide accurate and detailed data essential for the planning, design, and monitoring of complex projects. Our topographic surveys with GPS Leica ensure precise terrain measurements, which are essential for producing detailed maps and digital terrain models. We support the specific needs of each industry and environmental sector.

Discover areas of activity



Areas of activity

Our company actively cooperates with a wide range of industries and businesses, operating in a variety of sectors.

	Automotive	Dimensional and conformity checks on various mechanical components.	01
	Aeronautics	Testing and Design in aeronautics and aerospace.	02
	Nautics	We guarantee accuracy even on large manufactures.	03
	Energy	Dimensional measurements in gas and hydropower plants.	04
	Oil & Gas	Dimensional controls in the petroleum industry.	05
	Steel Industry	Accuracy and repeatability in the steel industry.	06
	Environment & Infrastructure	As-built surveys and measurements derived from reverse engineering techniques.	07

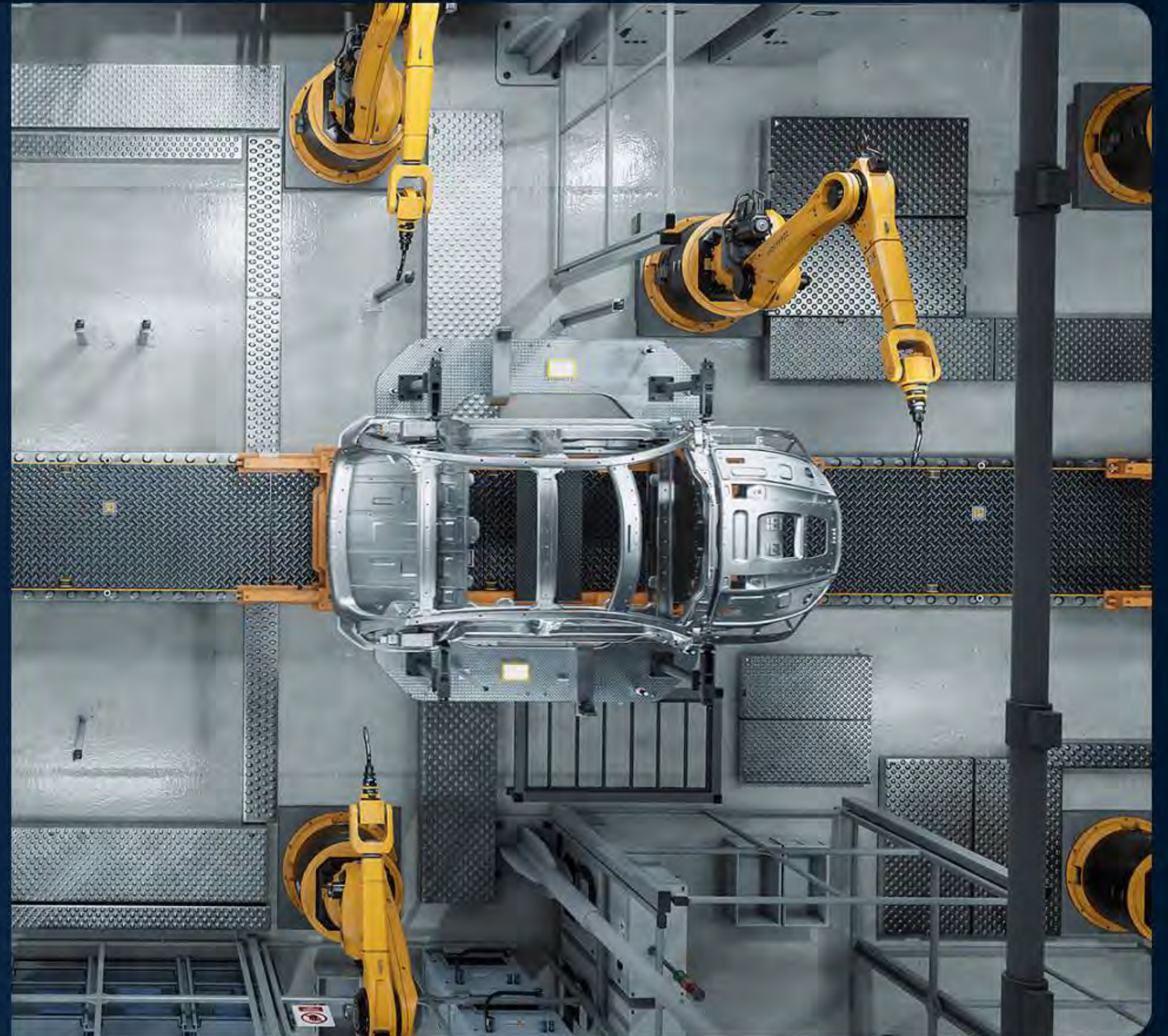


Core Business

Automotive

Specializing in the automotive industry, we offer advanced mechanical assembly, tool maintenance and dimensional testing services. Our expertise encompasses dimensional and conformity checks for a variety of mechanical components, ensuring quality and accuracy. We provide customized solutions to maximize operational efficiency and maintain high standards of safety and performance.

Discover the key sectors





Core Business

Aeronautics

In the aeronautics and aerospace industry, we offer mechanical assembly, tool maintenance and precision testing services. Our expertise includes the design and accurate testing of components, ensuring full adherence to the stringent safety and performance standards required. We offer customized solutions designed to elevate operational efficiency and support continued innovation in the industry.

Discover more





Core Business

Aeronautics

We ensure assembly and maintenance operations that meet the highest standards of excellence, functionality and operational safety. Using state-of-the-art technologies and advanced methodologies, our team follows strict protocols for assembly and overhaul of aviation equipment, ensuring accuracy in every operation. We implement dimensional testing for flight parts, design and modify equipment to automate testing processes, and refine assembly with laser interferometric instrumentation.

[Learn about metrology equipment](#)



High-precision industrial metrology

Metrology Equipment

N°	TOOL	N°	TOOL
01	LEICA AT402	09	3D STATION
02	LEICA ATS600	10	ROMER RA8 V1
03	LEICA AT960 T-PROBE - LAS	11	ROMER RA7 7525-SI (GRIGIO)
04	LEICA AT960 T-PROBE	12	ROMER RA 7525-SI
05	LEICA AT960 T-PROBE	13	ROMER RA8 V1
06	LEICA AT430 B-PROBE	14	ROMER RA-7525-3
07	LEICA AT402	15	DEA ALPHA
08	LEICA AT500		

High-precision industrial systems

Machining Centres

MACHINES	N° AXES	MILLING			
		X	Y	Z	RPM
TECHMILL - COMI/HSK-A 100	5	5000	2800	1200	15000
DOOSAN - MOD. VCF 850LSR/BT 40	5	3000	850	800	12000
NEW DOOSAN - MOD. DVF 6500/BT 40	5	750	785	600	18000
MATSUURA-MOD.H.PLUS-630/BT 50	5	1050	920	870	10000
HARTFORD - MOD. PRO 3210A/BT 50	5	3000	2000	1070	6000
AWEA-MOD.BM-1600/ISO 50	5	1600	800	800	6000
PERFECT-MOD.JET MCV-M11/BT 40	5	1100	650	600	10000

Our clients

Our company has a long-standing partnership with a wide range of clients across various industries.

KUKA

HEXAGON
MANUFACTURING INTELLIGENCE

QUALITY AIRCRAFT SINCE 1948
TECNAM

o.m.p.

COMAU

CM
CARMAGNOLA

STELLANTIS

LEONARDO

CLEAN
ENERGY
SYSTEMS

MA

TIBERINA

COMAC

KGR

VAMES
costruzioni

AR.TER.
Meccanica di precisione ed aerospaziale

SAIPEM

MICOPERI

AMS

PROMA

REMAZEL
ENGINEERING

CPM The **DÜRR** Group

FINCANTIERI

CPA
Engineered Solutions

FINCANTIERI



AGIS represents a reliable, state-of-the-art partner for improving your organizational systems. For more information or to start a partnership, contact us at the details provided.

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