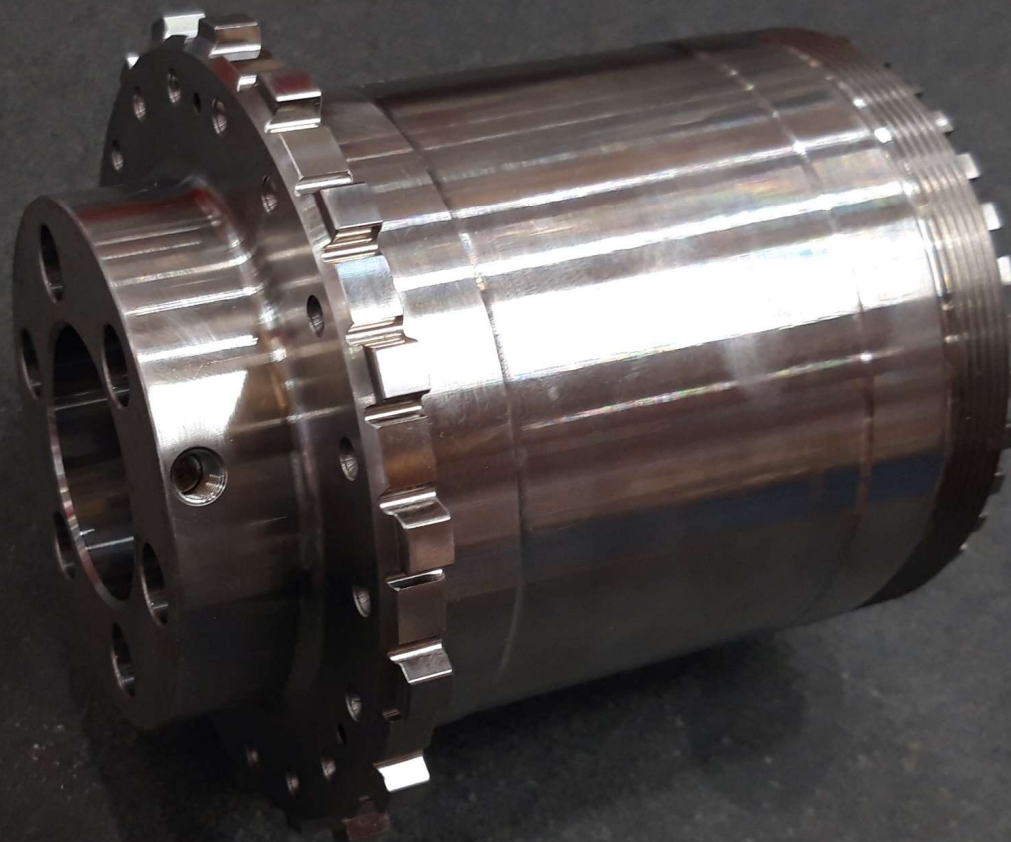




PRADELLI GIANCARLO

COMPANY
PROFILE 2024



THE COMPANY



- Pradelli Giancarlo & C. S.r.l. was founded in 1984 as a workshop for mechanical machining (turning and milling) of small and medium series of mechanical parts that require a high level of precision
- The company is located in Colombaro di Formigine (MO), in the middle of the famous “**motor valley**”, and occupies a total covered area of 2200 square meters
- The current company staff is about 30 people
- Over the last decade, the "second generation" has been forming within the company, capable of pursuing an ambitious development and growth plan



THE HEADQUARTERS



COLOMBARO

The Plant



THE HEADQUARTERS



PRODUCTION FLOOR

OUR STRENGTHS



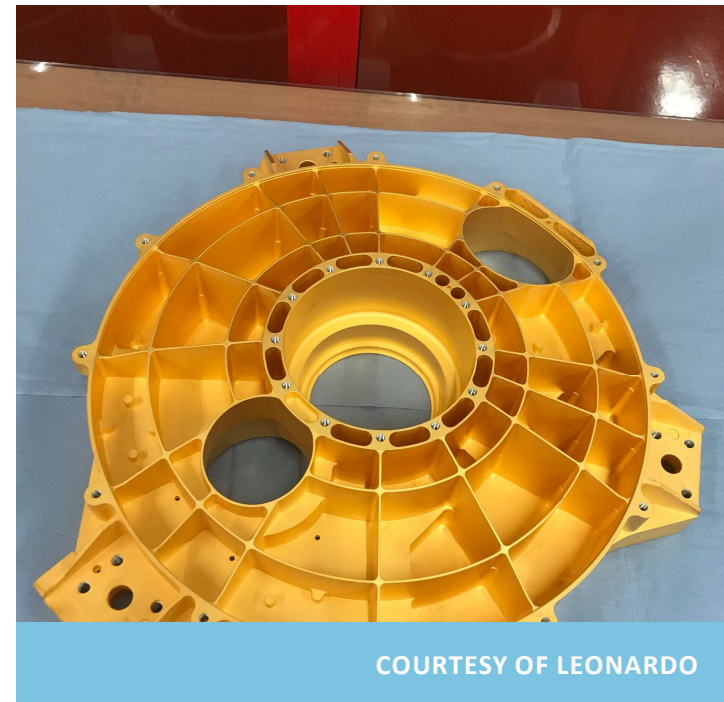
- **Creativity, competence, experience, precision and flexibility** are the peculiarities that have always distinguished us, are recognized by our clients and allow us to offer a complete service on the client's project, from the initial study to the execution of the piece until the final inspection
- The company's **mission** is to provide the client with maximum **reliability** so that they turn to us not only because we work well but also because of the **trust we are able to transmit**
- Over the years Pradelli has expanded in small steps, always working **on small series with high technological requirements**, increasingly expanding its machining fields in sectors ranging from automatic machines, **nautical sports** and **Formula 1** to **aeronautics** and **aerospace**

OUR TECHNOLOGY



Pradelli can count on a fleet of state-of-the-art and **recently acquired machines** consisting of:

- 10 5-axis milling machines and 1 3-axis milling machine
- 3 lathes with motorized tools
- 1 lathe for turning grinding (superfinishing - hardened turning)



COURTESY OF LEONARDO

OUR SERVICES

- Thanks to the collaboration with consolidated and qualified suppliers who carry out **grinding, EDM, non-destructive testing, heat and surface treatments**, we are able to produce finished components for our customers according to specific requirements.
- Pradelli can purchase all the **raw material** necessary for the production of the special parts
- If required, we can perform laser marking to ensure identification and **traceability**



360° SERVICE

CAD/CAM WORKSTATIONS

Pradelli has 6 **CAD/CAM workstations** with which a highly qualified team processes programs for the machining of parts:

- Cam stations: TEBIS and HyperMill
- 1 ESPRIT workstation for lathing
- It also has:
 - ✓ Kinematic simulators
 - ✓ CATIA V5-6 R2019



MATERIALS

	<p>Carbon steels</p> <p>High strength and hardened steels (AISI 4340, 300M, NC310, 100CR6...)</p>		<p>AISI (303, 304, 316L)</p> <p>AISI (17-4PH, 15-5PH, 13-8PH)</p>	
<p>Titanium alloys</p> <p>Aluminum Alloys</p> <p>Magnesium Alloys</p>		<p>Super alloys based on: nickel (Inconel, Invar M93)</p> <p>Cobalt (MP35N)</p> <p>Chrome (Nimonic)</p>		<p>Peek and plastics</p>

COURTESY OF LEONARDO

The storage of a fair amount of valuable materials, such as **steel, titanium and aluminum alloys**, allows us to respond immediately to customer needs without unproductive expectations.

QUALITY



All business processes ranging from the Offer to the customer, the acquisition of the Order, the production process up to the final dimensional control and delivery are carried out in accordance with **ISO 9001** and **ISO 9100** standards.

All particular products are certified with the release of:

- Material Certificate
- Certificates issued by external suppliers who have performed integrity checks, heat treatments and/or surface treatments
- Dimensional inspection report performed on the finished part



CERTIFICATE

Kiwa UNAVIAcert S.r.l.
Via Calvino, 23
40027 Soriano dell'Emilia (BO)
Tel. 0514932110
Fax 051762262
E-mail unaviacert@unaviacert.it
www.unaviacert.it



Reg. Numero / Reg. Number	00166- N	Inizio validità / Issue date	2022-02-18
Prima emissione / First issue date	2010-02-19	Ultima modifica / Reissue date	2022-02-18
Prossimo rinnovo / Expiry date	2025-02-17	Settore IAF / IAF Sector	17, 21

Pag. 1 di 2

Certificato di Approvazione
Certificate of Approval

Si dichiara che il Sistema di Gestione per la Qualità dell'Organizzazione
We certify that Quality Management System of the Organization

PRADELLI GIANCARLO & C. S.r.l.

Struttura di certificazione / Certification Structure: Multiple Sites

È stato valutato in accordo ai requisiti della EN 9104-001:2013 e del Regolamento Tecnico Accredia RT 18 / Has been audited in accordance with EN 9104-001:2013 requirements and Accredia RT 18

Ed è conforme ai requisiti delle seguenti Norme per la gestione dei Sistemi Qualità / and it is in accordance to the following Quality Management System Standards

EN 9100:2018, AS9100D, JISQ 9100:2016
ISO 9001:2015

Scopo/scope: Lavorazioni meccaniche di precisione per i settori aerospaziale, automobilistico e automazione.
Mechanical precision machining for aerospace, automotive and automation sectors.

Chief Operating Officer
Giampiero Belcredi

Il mantenimento della certificazione è soggetto a sorveglianza annuale e subordinato al rispetto dei requisiti contrattuali di Kiwa UNAVIAcert / The maintaining of the certification is subject to annual surveillance and dependent on the observance of Kiwa UNAVIAcert contractual requirements.
Questo certificato è costituito da 2 pagine. La scheda tecnica che segue fornisce i dettagli del campo di applicazione. / This certificate is composed by 2 pages. The following technical datasheet provides details concerning the scope of certification.

PRADELLI GIANCARLO & C. S.r.l.

Sedi oggetto di certificazione / Certified Sites

- Via Maestri del Lavoro 40/46 Frazione: Colombaro 41043 Formigine (MO) Italia (Central Function)
- Via Campana 18A - 20A - 24A - 41051 Castelnovo Rangone (MO) Italia (Site 1)



SIQ n° 024A

QUALITY

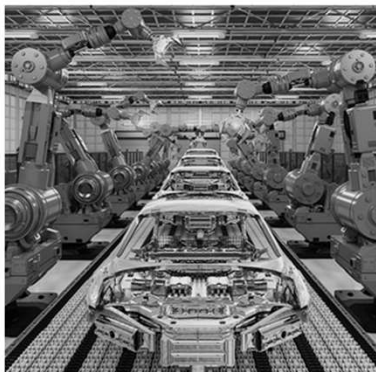
Pradelli has **2 metrological rooms**, one of which is in production and one climate controlled, equipped with the most modern technologies:

- **5 Measuring machines** for three-dimensional control
- 3D GOM scanner
- 2 Profilometers
- 2 Altimeters
- 3 Roughness meters
- 1 Hardness Tester
- 1 Profile projector
- 1 Stereoscopic viewer



360° SERVICE

MAIN MARKETS



Industrial automations

Components for the most advanced and complex industrial systems.



Aerospace

Components for spacecraft, satellites and the International Space Station.



Aeronautical

Tailor-made components for the Air Force aircraft and civil Aircraft.



Nautical

State-of-the-art components for pleasure craft and racing boats.



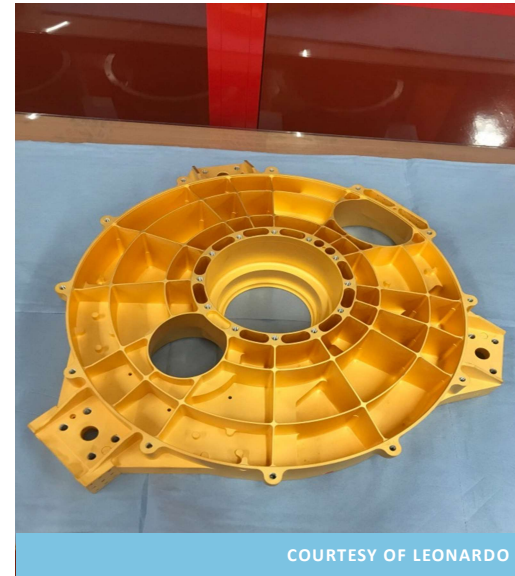
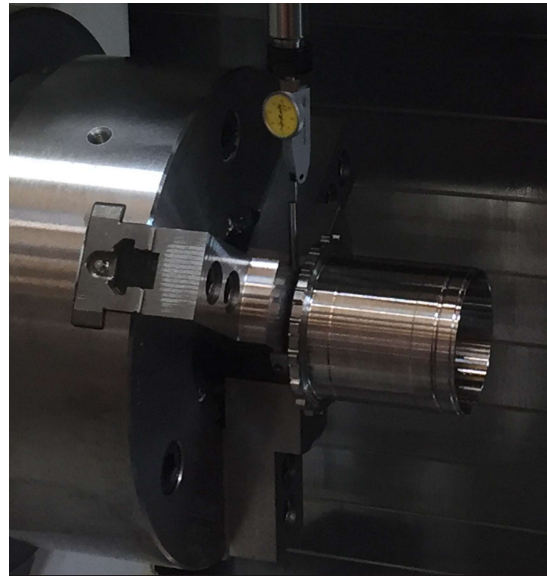
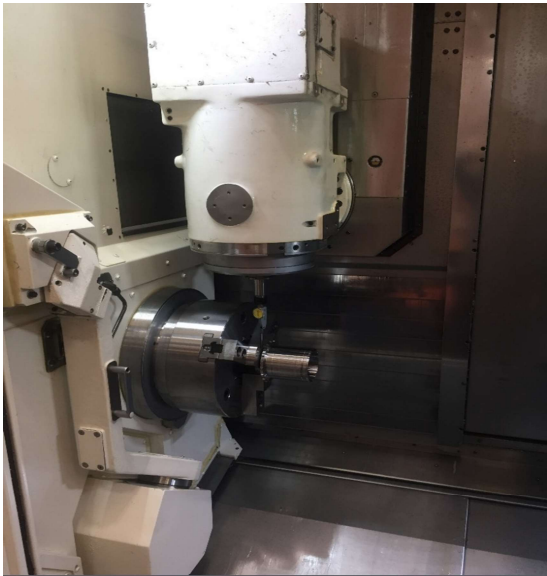
Motorsport

Highly specialised components for racing cars and bikes.



Defence

Precision components for military vehicles of the Italian Army.



Pradelli





This EMCS logo was flown onboard the Space Shuttle together with the first EMCS Experiment Hardware



Thomas Reiter exchanging EMCS Experiment Container for TRUPI Experiment



Jeff Williams during EMCS Set-up activities for the initial EMCS on-orbit check



EMCS launch on board Space Shuttle Discovery, flight STS-121, ULP 1.1 mission

This Certificate of Appreciation is Presented to

PRADELLI GIANCARLO & C. srl

In recognition of your contribution to the successful development and integration of the European Modular Cultivation System. Your effort and dedication to the EMCS project and your work as part of the EMCS Team led finally to its successful launch with Space Shuttle Discovery during the ULP 1.1 Mission.

Johannes Kreimer
Wolfgang Käßler
Ulrich Käßler
A. La E
Christoph Pätz
Michael T. Eodice
Jürgen Ströde
Martin Zell



CONTACTS



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