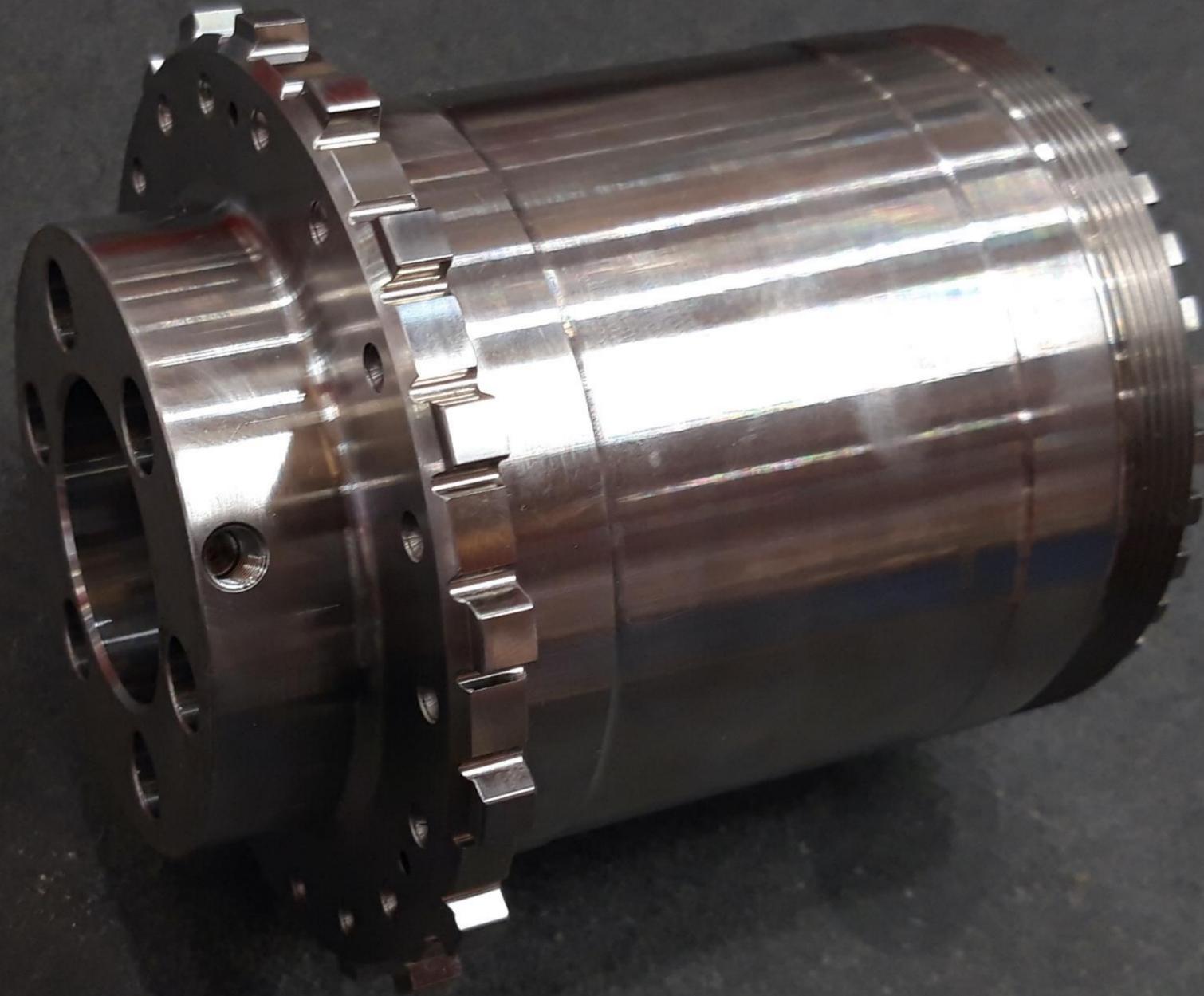


PRADELLI GIANCARLO

COMPANY
PROFILE



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.
- Today the company is located in Colombaro di Formigine (MO) and occupies a total covered area of 2200 square meters, has a local unit located in Montale di Castelnuovo Rangone (MO) of 1450 square meters.
- The current company staff is 30 people
- In the last decade the "second generation" is forming within the company.



THE HEADQUARTERS



The plant in Colombaro



COLOMBARO

THE HEADQUARTERS



COLOMBARO

OUR STRENGTHS



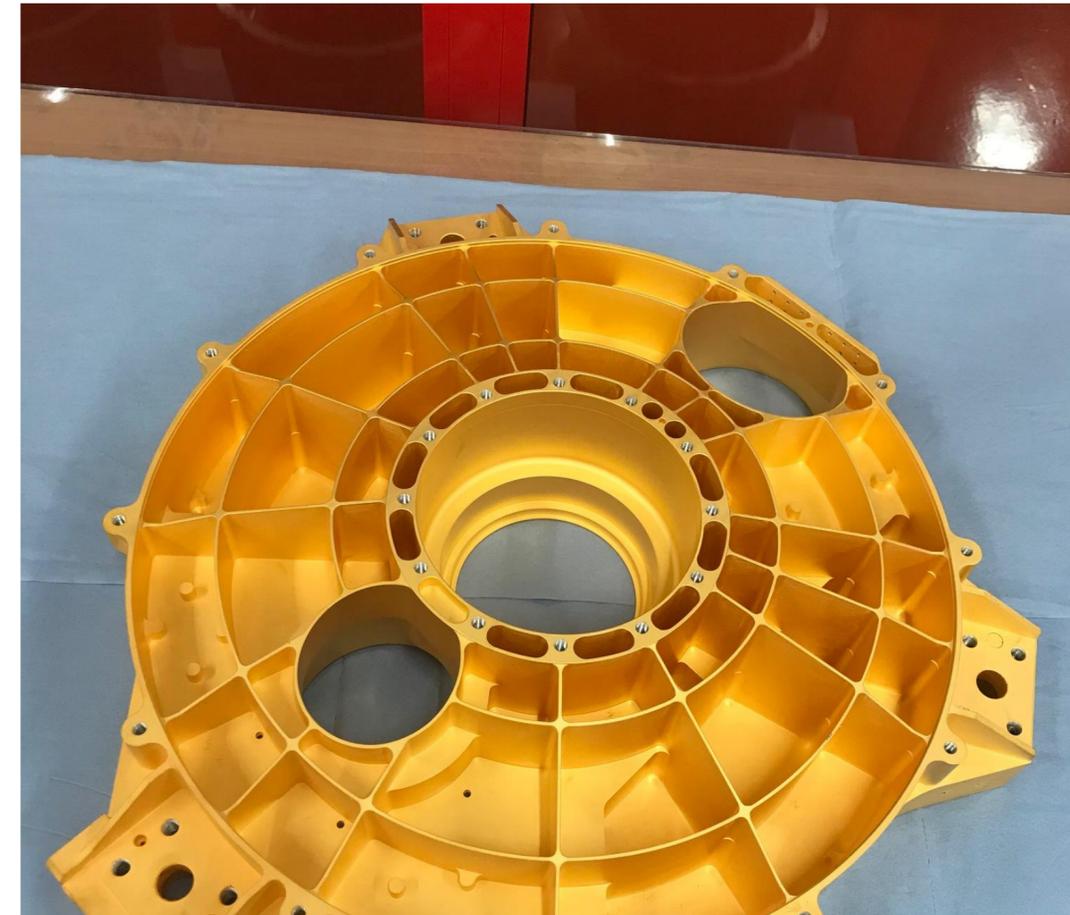
- Creativity, competence, experience, precision and flexibility are the peculiarities that have always distinguished us, are recognized by our clients and allow us to offer a complete service on the client's project, from the initial study to the execution of the piece until the final inspection.
- The company's mission is to provide the client with maximum security so that they turn to us not only because we work well but also because of the trust we 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. Translated with www.DeepL.com/Translator (free version)

OUR TECHNOLOGY



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

- 11 5-axis milling machines and 2 3-axis milling machines
- 2 lathes with motorized tools and 1 multitasking lathe
- 1 lathe for turning grinding (superfinishing - hardened turning)
- 1 lapping machine



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 the material necessary for the production of the parts.
- If required, we can perform laser marking to ensure identification and traceability.



360° SERVICE

CAD/CAM WORKSTATIONS



Pradelli has 9 CAD/CAM workstations with which a highly qualified team processes programs for the machining of parts.

- 7 TEBIS V4.0 R7 stations, 3 of which with a 5-axis continuous post-processor.
- 1 ESPRIT workstation for lathing
- 1 ESPRIT workstation for multitasking lathing
- It also has:
 - 4 kinematic simulators TEBIS V4.0 R7
 - 1 workstation CATIA V5-6 R2019



MATERIALS

Carbon steels
High strength and hardened steels (AISI 4340, 300M, NC310, 100CR6...)

AISI (303, 304, 316L)
AISI (17-4PH, 15-5PH, 13-8PH)

Titanium alloys
Aluminum Alloys
Magnesium Alloys

Super alloys based on: nickel (Inconel, Invar M93)
Cobalt (MP35N)
Chrome (Nimonic)

Peek and plastics

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 issue 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 Cadriano, 23
40057 Granarolo dell'Emilia (BO)
Tel. 0514593110
Fax 051763382
E-mail info@unaviacert.it
www.unaviacert.it

Prossimo rinnovo / Expiry date 2022-02-17 Settore IAF / IAF Sector 17, 21

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.

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 settore aerospaziale
Mechanical precision machining for aerospace sector

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.*

Il presente certificato è costituito da 1 pagina.
This certificate is composed by 1 page.

PRADELLI GIANCARLO & C. S.r.l.

QUALITY

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

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



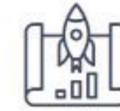
360° SERVICE

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.



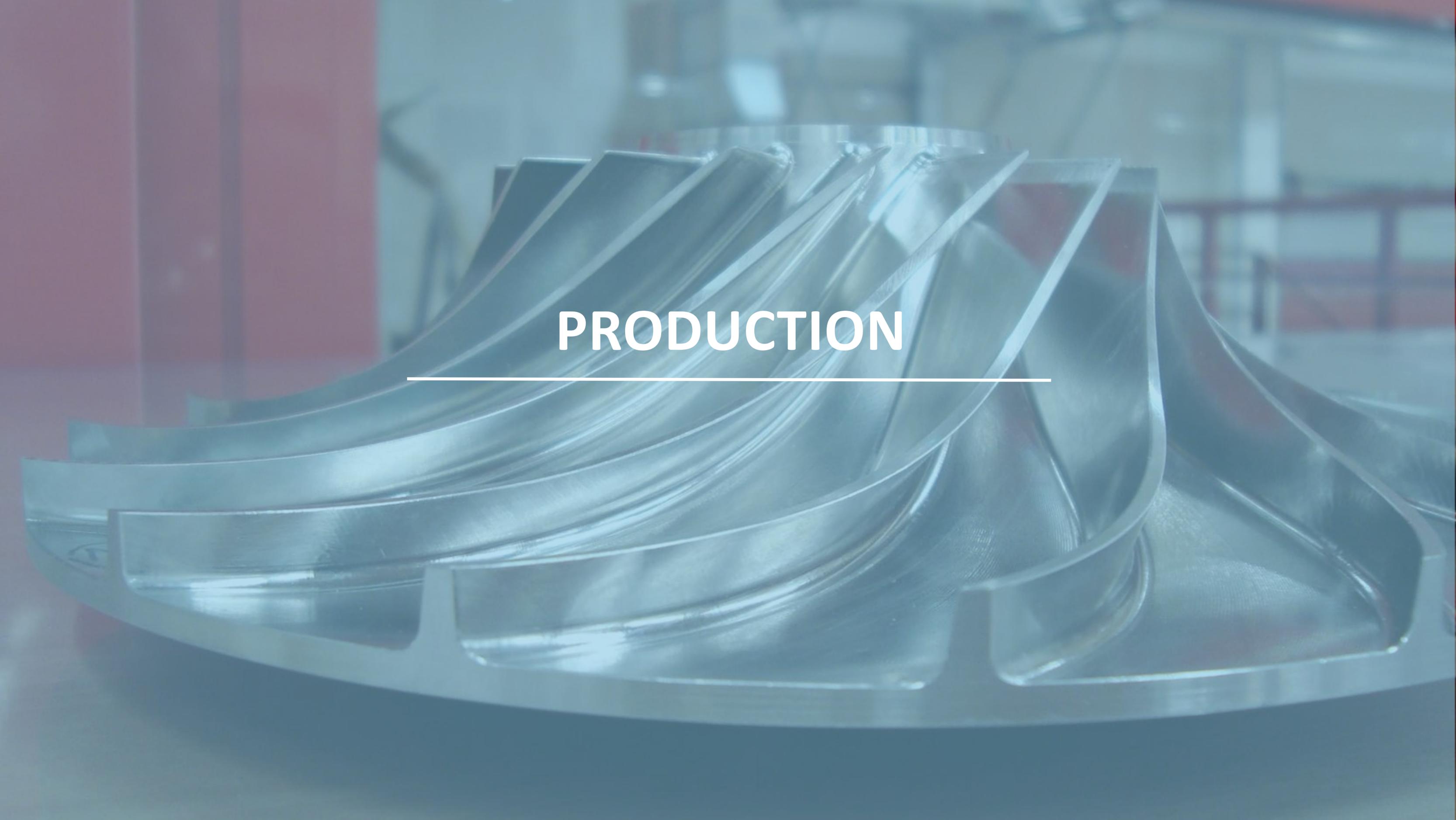
Motorsport

Highly specialised components for racing cars and bikes.

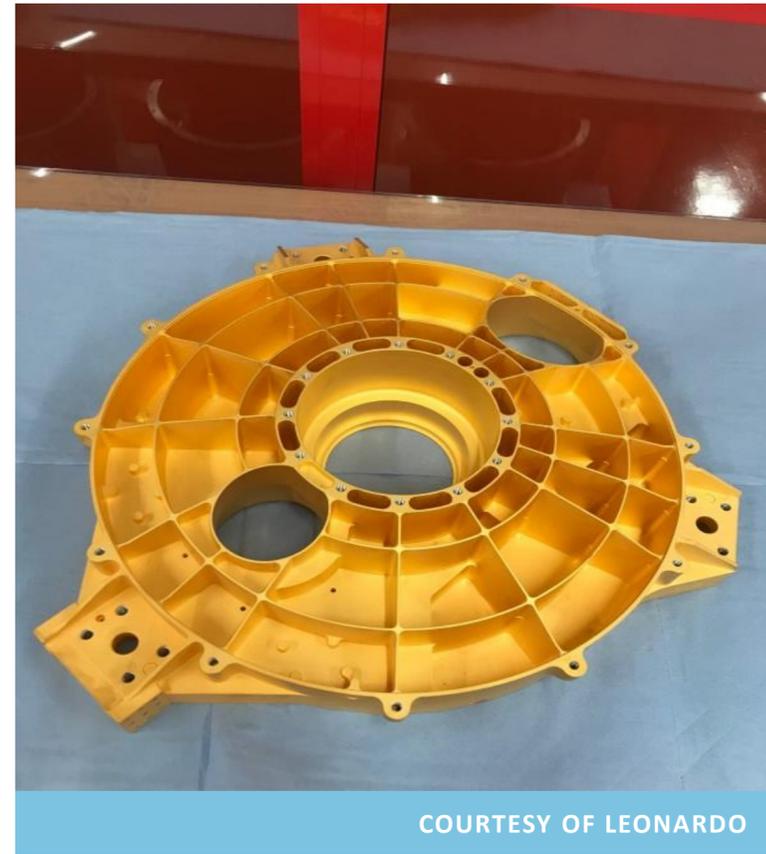
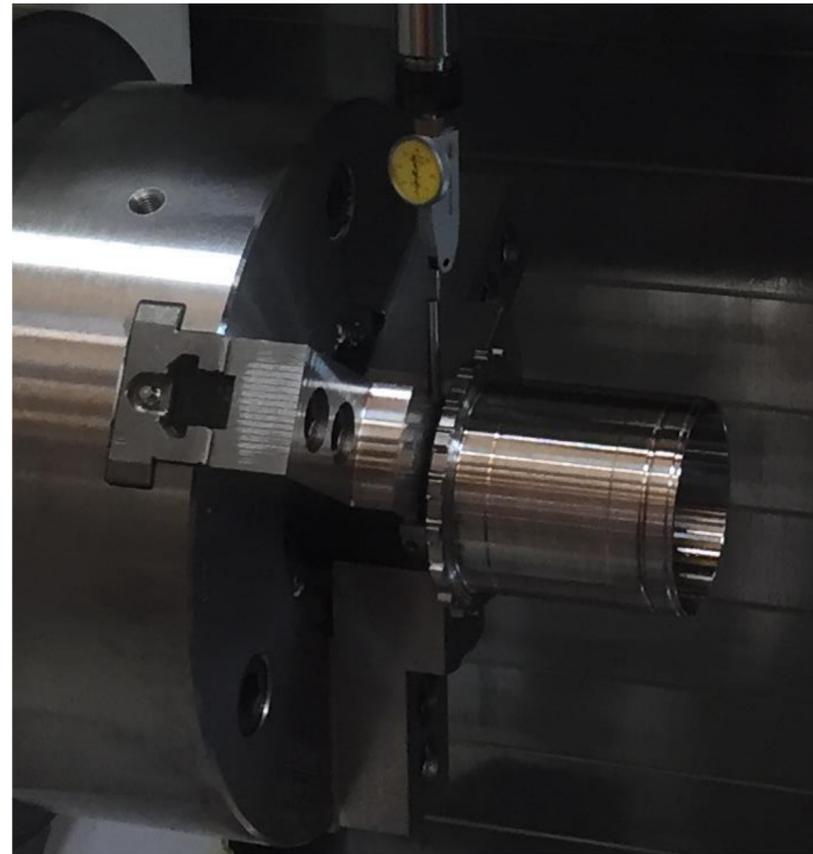
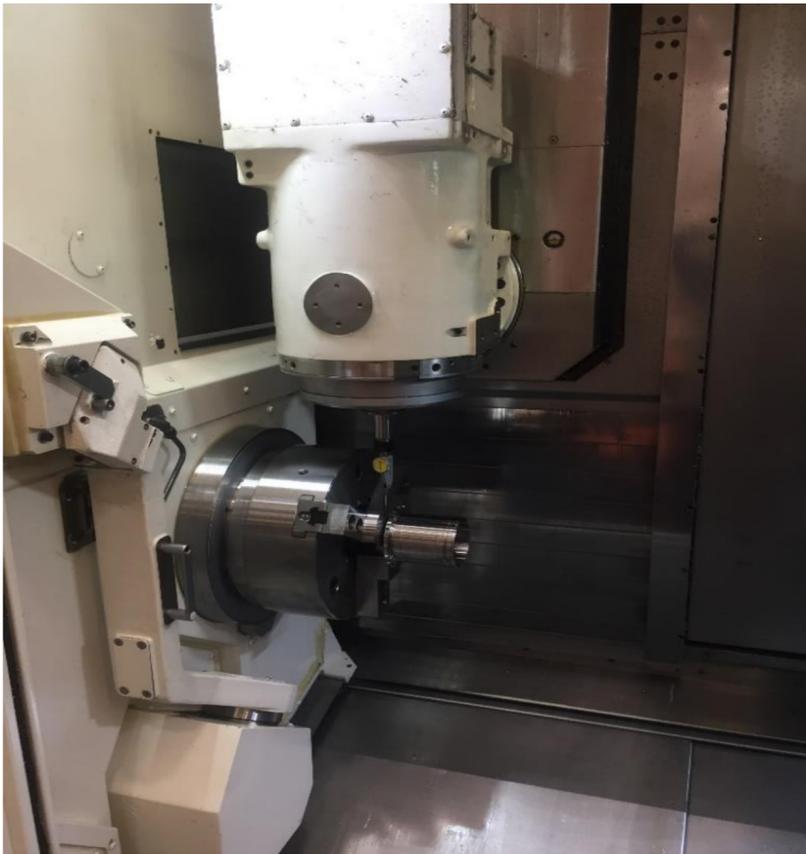


Defence

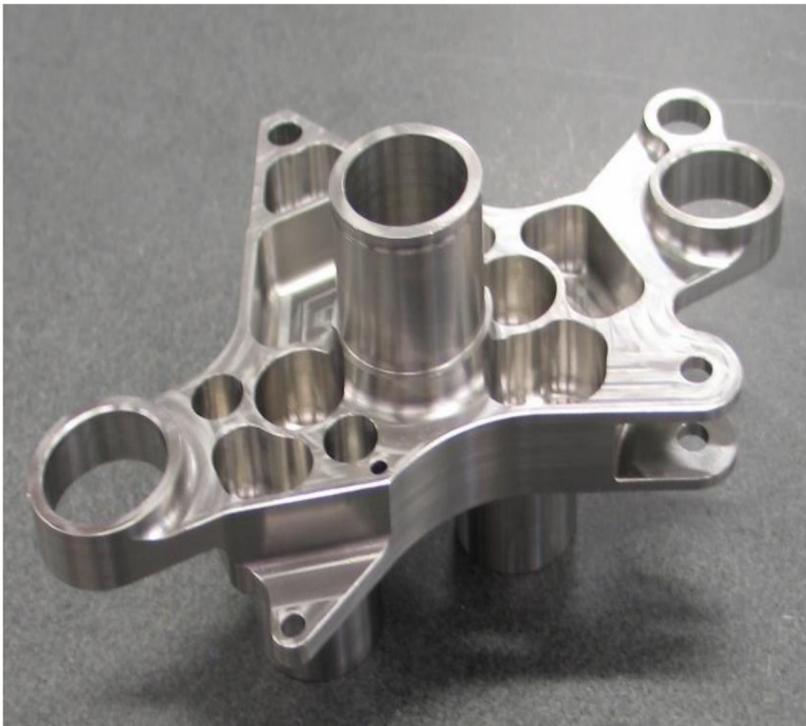
Precision components for military vehicles of the Italian Army.

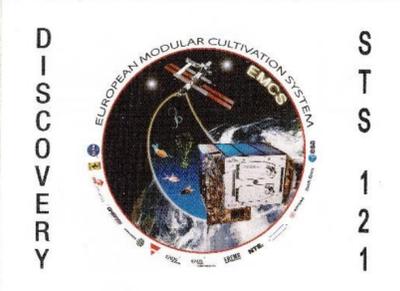


PRODUCTION



Pradelli

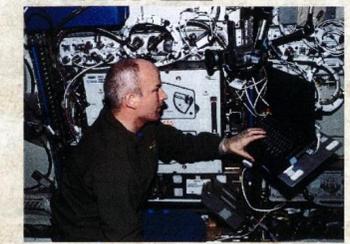




This EMCS logo was flown onboard the Space Shuttle together with the first EMCS Experiment Hardware



Thomas Reiter exchanging EMCS Experiment Container for TROP1 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, ULF 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 ULF 1.1 Mission.

Johannes Kreimer
Johannes Kreimer
Ulrich Kübler
Ulrich Kübler
Christoph Pätz
Christoph Pätz
Michael T. Eodice
Michael T. Eodice
Jürgen Ströde
Jürgen Ströde
Martin Zell
Martin Zell



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41043 Colombaro MO



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