

MECHANICAL MACHINING FOR AEROSPACE *& DEFENCE*

**STRENGTH AND PASSION
TO TURN YOUR PROJECTS
INTO REALITY**



EN-9100 CERTIFIED
www.aero-lomec.it



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Turning

Milling

5 axes continuous mode

Automated plants

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COMPANY

Lomec is a mechanical company specializing in **turning and milling** machining of special alloys for the aerospace industry

VALUES WE WORK WITH:



Service



Reliability



Professionalism



Innovative solutions



HISTORY

1989

Giampietro Lorenzin founded
LOMEC srl

2015

ISO 9001 certification

2018

New production area with
4000sm covered area

2021

EN9100 certification
(Aerospatial supplies)

2024

Lomec becomes a benefit
corporation (Public ESG
reports)

2010

Generational transition: Luca
and Emanuele Lorenzin become
C.E.O. of Lomec

2016

Company digitalization process

2019

Start of Continuous Improvement
Project - Lean manufacturing

2022

LOMEC Aerospace was
founded

2025

Approved Supplier of
Leonardo spa



MACHINING

TURNING DEPARTMENT

Turning department is equipped with **20+ CnC** branded OKUMA and DOOSAN.

We have both **vertical and horizontal lathes** to meet all customer needs.



HORIZONTAL LATHES

Max. machining dimensions:

Diameter max: 450mm

Lenght max. 1500mm

HEAVY HORIZONTAL LATHES

Max. machining dimensions:

Diameter max: 900mm

Max Length. 3200mm

Max, weight: 5.000kg



VERTICAL LATHES

Machining dimensions:

Max diameter: 1.600mm

Max legth. 800mm

Max weight.: 3.000kg

MACHINING

MILLING DEPARTMENT

Milling department is equipped with **12+ CnC** branded OKUMA.

We have both **vertical and horizontal CnC** to meet all customer requests.



HORIZONTAL MILLING CNC - MULTIPALLET

Machining dimensions:

Dim. X max: 1020mm

Dim. Y max: 900mm

Dim. Z max: 900mm

HORIZONTAL MILLING CNC - TWIN-PALLETS

Machining dimensions:

Max. dimension X: 1020mm

Max. dimension Y: 900mm

Max. dimension Z: 900mm



VERTICAL MILLING CNC

Machining dimensions:

Max dimension X: 1600mm

Max dimension Y: 650mm

Max dimension Z: 700mm

MACHINING

5 AXIS CONTINUOUS MODE DEPARTMENT

The 5-axis machining department for complex surfaces is equipped with continuous mode **5-axis milling and turning CNCs** labelled **MAZAK Integrex**.



MAZAK INTEGREX E-1060

Machining dimensions:

Max Dim. X: 1250mm

Max Dim. Y: 1000mm

Max Dim. Z: ax: 1000mm



MAZAK INTEGREX E-500H

Machining dimensions:

Max Diam.: 650mm

Max. Length Z: 1800mm

MACHINING

AUTOMATIC MACHINING

The automatic machining department consists of **5 OKUMA** CnCs assisted for loading/unloading by **Fanuc Robots**.

We have **vertical and horizontal twin-spindle** turning CNC machines to meet all customer needs.



ROBOT & HORIZONTAL LATHES

Machining dimensions:
Max. Diameter: 350mm
Max. Length.: 200mm
Max weight: 25 kg



ROBOT & VERTICAL LATHES

Machining dimensions:
Max. Diameter: 600mm
Max. Height.: 450mm
Max weight: 150 kg

MACHINABLE MATERIALS

Over the years, we have acquired significant **experience in machining** most of the materials required in the aerospace industry.



SUPER ALLOY

Inconel, Hastelloy etc.



TITANIUM

Ti6AL4V, Ti6Ai2Sn, etc.



SPECIAL STEEL

AISI316-430, Duplex,
CrMo, V, Ni, W steels etc..



ALUMINIUM ALLOYS

50xx, 60xx, 70xx, 80xx
series etc .

BUSINESS AREA:

SPACE

LAUNCH VEHICLES PARTS

Structural and critical parts designed to withstand extreme launch conditions, such as release rings, supports, brackets ext

SATELLITES COMPONENTS

Structures and subsystems, with a strong focus on lightweight design, reliability, and stability in the orbital environment



BUSINESS AREA:

AIRCRAFTS

HOT SECTION ENGINE PARTS

Components for the hot section of the engine, exposed to high temperatures and high-velocity gases

AIRCRAFT STRUCTURES

Supports and interface parts that ensure proper alignment and fastening of subsystems



BUSINESS AREA:

DEFENCE

APPROVED SUPPLIER OF



Lomec is an approved supplier for Leonardo Aircraft Division on NATO-related projects.

ART.28 T.U.L.P.S.

Lomec is certified by the Italian Ministry of Defense for production in the defense sector.



QUALITY

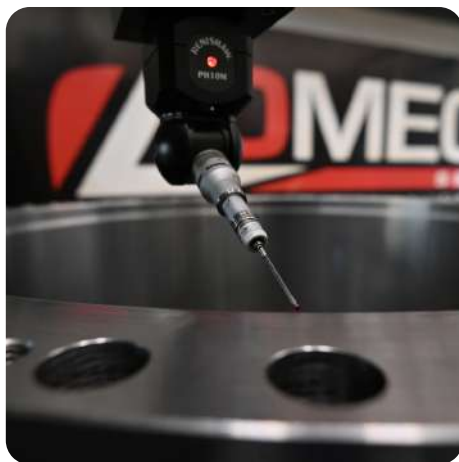
CERTIFICATIONS:

ISO 9001 Quality Management

AS/EN9100 Aerospace Supplier

METROLOGY ROOM

Thanks to its **CMM-3D machines** and a laboratory instruments, Lomec provides dimensional certificates as a guarantee of its productions.



SERVICES

CO-ENGINEERING:

Lomec supports its customers with highly qualified technicians in finding customized solutions through **3D CAD-CAM** workstations for project simulation and control.



PRODUCTION PLANNING

Thanks to its M.E.S. software, Lomec plans activities in its CnCs to provide accurate timelines to its customers and total traceability of its productions.



OUR NUMBERS



Export to 6 EU countries.



1.200+ Types of items



40+ CnCs machines



Employees: 45+
Average age: 41 years



KPI & CONTROL

MANAGEMENT CONTROL & INDUSTRIAL ACCOUNTING

Lomec constantly monitors its performance.

Thanks to an ERP-based dashboard, it elaborates **departmental KPIs** for a 360° control of its numbers. .

***Management control** and industrial accounting are the foundation of **LOMEC's decisions**.*



CYBERSECURITY

CYBER ESSENTIAL

Data security is a strategic priority for Lomec. The company has developed and implemented advanced IT systems capable of ensuring the protection of corporate and customer information through advanced cybersecurity technologies and defense against external threats.



SUSTAINABILITY

STATUS LOMEC SRL SB:

Lomec has obtained the status of a **Benefit Corporation** since January 1st, 2024, and commits to disclosing its **ESG parameters** through its own Sustainability Report.

FOCUS ON:

- Environment
- Social
- Governance



ESG COMPLIANCE



CONTACT

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LOCATION PLANTS

We are located in Tezze sul Brenta (VI), less than an hour's drive from Venice.

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