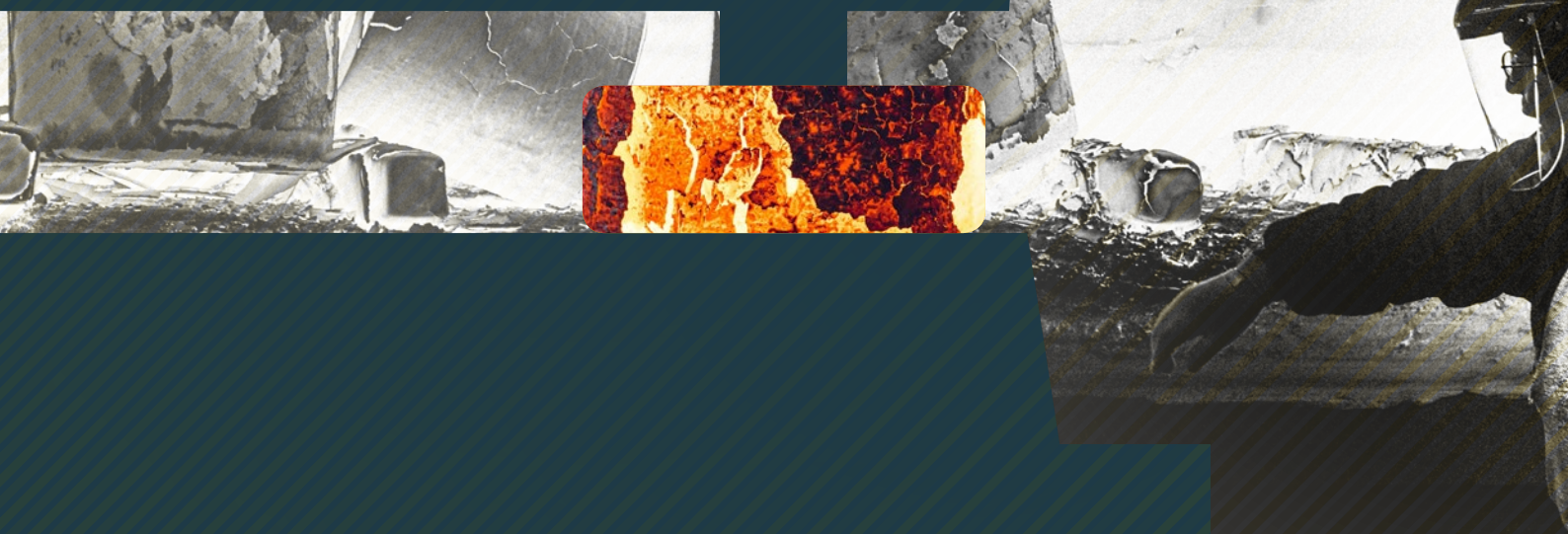


Forgiature Vitali



High quality
forgings
since 1937



Forgiature Vitali



Forgiature Vitali



ABOUT US



SOMEONE WITH WHOM YOU CAN TALK.

We want to help you identifying the steel forging that would satisfy your requirements; we want that our forged parts provide you with a solid benefit and an improvement in your sales. Give us a try!

When you have a particularly urgent requirement, when you are looking for that odd-shaped forging, when you are after an uncommon steel grade, we will throw in our greatest effort in order to supply the forged part fulfilling your expectations.

We have an 80-years consolidated forging record, enjoying the largest specific experience and maintain a vast steel stock to draw from, especially for use in mechanical construction, fitting and energy fields, which can be regarded as our speciality.

We proudly offer our extended experience in steel and non-ferrous alloys forging, our great care in quality and respect of the most demanding delivery terms. The price? That should be the least of your worries; it actually is often the case that a well-tailored forging, being closer to the final shape of the part becomes a money-saver and a qualitywise superior option compared to an ordinary, commercial product.

OUR HISTORY

EIGHTY YEARS?

The average age of our employees is below 40!

We are forgers since 1937, that is to say that this is the fourth generation of the Vitali family running the enterprise. We strongly want to carry on our Great-grandfather's, Grandfather's and Father's activity because we particularly believe in the bond to tradition and solidity.

The enterprise was founded by Carlo Edoardo Vitali between the two world wars, focused on the production of components for transport application. After the sudden passing away of the founder, in 1937 his son Angelo, at the age of seventeen, joins the company. He deals with and overcomes the wartime hurdles, develops

the forging activity and shifts the company from downtown Milano to the actual location, on the southern outskirts of the town. A second plant is installed in the seventies between Bergamo and Brescia. Angelo's joining the company in 2013 has brought the fourth generation of the Vitali family on the scene, along with a new blow of impetus and vital energy. We are now dealing with the company growth in 4.0 and continued quality perspective, facing up the future with full confidence. We are grateful to those whom have determined the firm forewords enabling that all this could turn into reality!





MANUFACTURING

*We provide
substance to your
projects*



STOCK AND CUTTING

All kicks-off from the cutting of raw material. We are equipped with several sawing machines, enabling us to perform cutting up to a Ø 1100mm. The departing ingots are all of European origin, manufactured by the most qualified steel mills. This provides great confidence in obtaining a forging product of the highest quality and soundness, in full respect of the most challenging requirements.

FORGING

This is the most crucial step: our highly skilled operators, along with the forging equipment (presses, ring-rolling facilities, manipulators, furnaces), shape the steel at elevated temperatures, providing it with the properties inherent to a superior quality product.

MACHINING

Our internal machining shop and our approved, qualified subcontractors, are able to provide both premachining and final machining. We feel like suggesting to carry out premachining prior to quality heat treatment, in order to guarantee the best mechanical properties to the forged part.





FLAME-CUTTING AND CONTOURING

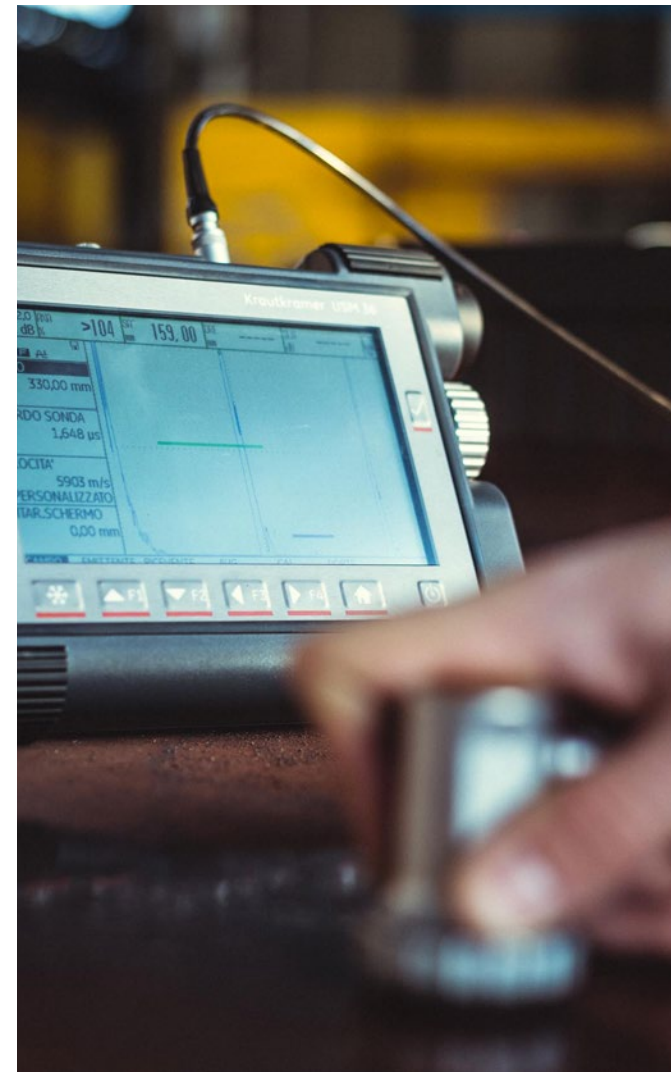
We are equipped with a flame-cutting table, enabling us to contour the forged parts, thus allowing a substantial saving of machining hours during the subsequent operations.

HEAT TREATMENT

In order to provide the forged parts with the required mechanical and metallurgical properties, the forging stage is followed by the heat treatment. We carry out, in our internal facilities or by our approved, qualified subcontractors, normalizing, annealing, quenching and tempering, solution annealing, aging, stress-relieving.

TESTING

Our personnel is ISO 9712 and SNT TC-1A qualified, and can carry out hardness testing, dimensional check, ultrasonics and dye penetrant testing, and certify the forged parts in full accordance with customer's requirements and specifications. For other destructive testing we operate through the main labs located in Northern Italy, all of which are ACCREDIA and ISO 17025 approved. Our testing certificates can be issued in accordance with UNI EN 10224 2.2, 3.1 or 3.2.



QUALITY

The steel we forge is sourced exclusively from qualified European mills. Our quality system is certified according to UNI EN ISO 9001:2015 by TÜV Nord.



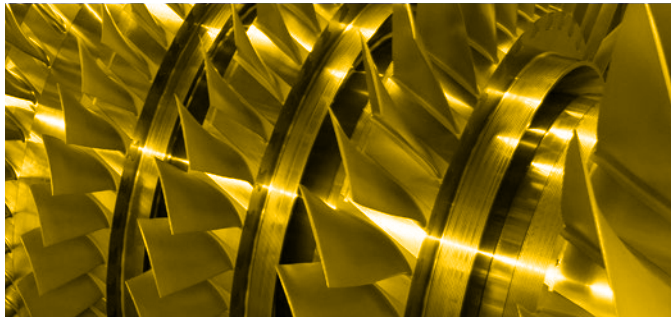
MAR KETS

*You can rely
upon us*

The target of Forgiature Vitali is to supply you with a valuable product.

Our focus is on the markets in which our skills, ability and consequently our forgings can actually make the difference and generate plus-value to our customers.

We give your requirements and needs the greatest care and accuracy, and take pride in offering a high-class supply service.



GENERAL MECHANICS

Forgiature Vitali has a great tradition of supplies in the general mechanics field, manufacturing high-quality forged components for employ in a variety of applications: presses, pumps, ventilation systems, extrusion machinery, hydraulic cylinders, gears and adaptors, transmission equipment, etc.

PLANTS

Forgiature Vitali manufactures high-quality forged parts employed in plants in a variety of fields, such as: mining, refineries, petrochemical plants, heat exchanger facilities, steel mills, extrusion plants, rolling plants, etc.

ENERGY

Forgiature Vitali manufactures shaped-to-drawing forgings and rolled rings for energy application. A special regard is given to meet urgent requirements for breakdowns; this is possible also thanks to the large stock of base-material in the grades which are specific to the field.

MINING

Forgiature Vitali manufactures forged parts employed in the demanding mining field, extraction and processing of extracted material. The steel grades employed are designed to meet the requirements and extreme conditions to which the parts will undergo

OIL & GAS

Forgiature Vitali manufactures forged components employed in petrochemical application, both for new plants and for maintenance/breakdown purposes, such as on-off valves, special valves, etc.

MARINE

Forgiature Vitali manufactures forged parts for a variety of applications in marine environment.



PRO DU CTS

*Forged steel:
material with a
strong personality*

FLANGED SHAFTS

Forgiature Vitali manufactures flanged shafts guaranteeing high mechanical properties, suitable grain flow and soundness at the heart.

Flange < Ø 1300mm

Length < 6000mm

Weight < 5 tons

RINGS

We can forge rings in most steel grades for a variety of applications.

Ø > 250 mm

Wall thickness > 30mm

Weight < 5 tons

BUSHES / HOLLOWS / TUBES

Forgiature Vitali manufactures bushes, hollows and tubes in ferrous and non-ferrous grades

Ø < 1200mm

Wall thickness > 40mm

Length < 3500mm

Weight < 5 tons

DISCS / WHEELS

Our forged discs have an appropriate grain flow guaranteeing the highest toughness and ductility required by many applications. Not just plain forged bar slices!

Ø < 1450mm

Thickness > 50mm

Weight < 4 tons

FORGED STEEL

A high mechanical and metallurgical properties material. Forgiature Vitali manufactures forged parts in steel, a material with a strong personality, in accordance with customer's needs, for the most varied employ fields.

We hereafter indicate some of the typical shapes we can provide.

Best thing to do: enquire us! Let us have the drawing or the sizes of the parts you require and we will just be pleased to study feasibility and submit you our very best commercial proposal.

SHAFTS

Forgiature Vitali manufactures shafts with any section combination, and excentric shafts as well, guaranteeing high mechanical properties, straightness and soundness at the heart.

Ø < 800mm

Length < 6000mm

Weight < 7 tons

HUBS

Forgiature Vitali, with specific equipment, manufactures semi-diecast hubs in a large variety of steel grades, for several applications.

Flange (head) < Ø 1300mm

Body (neck) < Ø 650mm

Weight < 3 tons

HOLLOW HUBS

Forgiature Vitali, with specific equipment, manufactures hollow hubs in a large variety of steel grades, for several applications

Flange (head) < Ø 1300mm

Body (neck) < Ø 650mm

Inner Ø < 300mm

Total length < 1000mm

Weight < 3 tons

ROUND BARS

Forgiature Vitali manufactures forged round bars with suitable reduction ratio. We don't keep a bars stock, we forge just the bar you are looking for, on a short delivery-term basis, regardless the quantity.

Ø 90 ÷ 700mm

Length 6000mm

Weight < 8 tons

SQUARE BARS AND BLOCKS

We manufacture square or rectangular section bars with suitable reduction ratio. We don't keep a bars stock, we forge exactly the bar you are looking for, on a short delivery-term basis, regardless the quantity.

Width < 900mm

Thickness > 90mm

Length 6000mm

Weight < 6 tons

PLATES

Forgiature Vitali manufactures forged plates and sheets suitable reduction ratio. We don't keep a plates stock, we forge just the item you are looking for, on a short delivery-term basis, regardless the quantity.

Width < 900mm

Thickness > 90mm

Length 6000mm

Weight < 6 tons

STEMS

Forgiature Vitali has a consolidated history in the manufacturing of steel stems for use in hydraulic cylinders. We have implemented techniques that enable reducing allowances to a minimum, thus obtaining a substantial saving of base material as well as of subsequent machining hours.

Head thickness 100 ÷ 800mm

Thickness > 90mm

Length 5500mm

Weight < 6 tons

OTHER SHAPES

We can manufacture profiled forgings, in accordance with relevant drawings, for gears, pinions, dies, moulds, barrels, casing covers, nozzles, etc.



STEEL GRA DES

*We can't get enough
of them!*

WE COMFORTABLY FORGE THE FOLLOWING GRADES:

C-steel (A105 - F60 - F65 - S355 - C 45...),
low-alloy (42CrMo4 - 18NiCrMo5...)
medium-alloy (30CrNiMo8 - 40NiCrMo7...)
high-alloy (36NiCrMo16 - 30NiCrMo12...)
hot-working (F11 - F22 - 50NiCrMoV7...)
bearings (100Cr6 - 100CrMo7.3...)
stainless grades (316 - 304 - 410...)

These are just a few examples.
Still, if you are looking for that odd,
uncommon grade, don't hesitate
enquiring us! We will give your
requirement the greatest attention and,
hopefully, identify a solution.

Our customers often confirm us
that timing is a crucial element,
and can easily become a deciding
factor in reaching the awarding of
a contract. That's why we have,
through the years, implemented
a large raw material stock, varied
in sections and ranging both in
common and peculiar grades.
We will give your requirement the
greatest attention and, hopefully,
identify a solution.





Forgiature Vitali

CON TACTS

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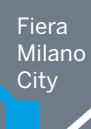
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Aeroporto
Malpensa

Fiera
Milano



Fiera
Milano
City



Stazione
Cadorna

MILANO



Stazione
Centrale

Aeroporto
Linate



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