



Barzon

HYDRAULIC & OLEODYNAMIC SYSTEMS
SINCE 1960





COMPANY

Founded in 1960, F.lli Barzon over the years has specialized in the hydraulic sector including fittings and hoses, investing significantly in multi-axis CNC technology for turning from bar and bending metal tubes.

Production autonomy has always been the managerial goal to increase its competitiveness in the industry on an international level and focusing on widespread service. The increase in production surface area to 5,000 mq and related investments in technology made in recent years allow the construction of more complex and state-of-the-art products that can meet operating pressure up to 500 bar for hydrostatic even for the OEM sector. The range of materials being worked on has also increased over the years to meet the most complex requirements giving a broad service to even the most demanding customers.

The store, which has expanded in recent years, makes it possible to give all-around service to both the most immediate needs but also to the industry that plans over time and needs related products. In our case it finds all needs met in one supplier. Large stock of fittings, adapters, valves, quick couplings, seals, pumps, filters, cylinders, mini power packs and other hydraulic accessories.





SUSTAINABILITY

Sustainability and respect for the environment is another important point that accompanies us in our new investments. The recovery of 100% of processing oils allows the lower consumption of new liquids and less disposal for the environment, the expansion of the photovoltaic system that to today covers 50% of our needs allows us a good energy sustainability with the goal of self-sufficiency, where certainly the environment will benefit.

CERTIFICATIONS

ISO 9001 certified, F.lli Barzon, performs constant monitoring of production processes ensuring continuous improvement. In the production area, the quality standards of the different control stages are guaranteed by making use of the latest generation of instrumentation to maintain the conformity of the produced batch.



APPLICATION SECTORS

Our growth allows us to be present in a variety of industries. Among the most important are hydraulics, earthmoving, agriculture, transportation, mining, steel, oil and gas, chemical, food, marine, pharmaceutical, drilling, and cooling. The latest ones we have joined are the world of renewable energy: eolic and hydrogen.

However, as our primary focus remains the OEM sector.

TECHNOLOGY, INNOVATION & TESTING

TECHNICAL DEPARTMENT: In the pursuit of continuous improvement, the company has also integrated a technical department with dedicated 3D software for design and research to provide all-around support to our customers.

METROLOGICAL LABORATORY: Last but of great importance for engineering support are the impulse test bench and the 3D arm for control of shaped pipes and profiles. These tools enable us to greatly accelerate our research and development.





TURNING

- FITTINGS
- SPECIAL FITTINGS
- PRECISION TURNING



PIPE

- PIPE BENDING
- WELDING & BRAZING
- CURVES



HOSES

- FLEXIBLE HOSES
- ASSEMBLED FLEXIBLE HOSES
- INDUSTRIAL HOSES



TURNING

Our turning department uses an up-to-date CNC machine park to meet high-precision production. The machines are correlated by cooling systems that allow consistency of tolerances throughout the production batch.

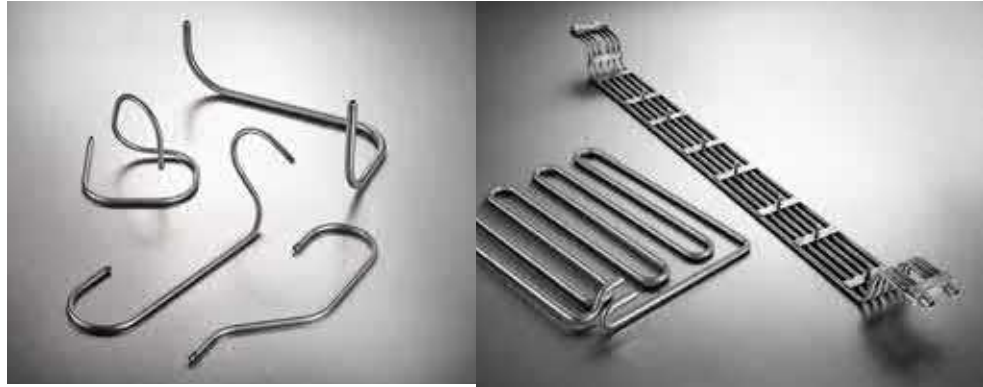
SPECIAL FITTINGS

Production of items according to customer drawings and production of both standard and special hydraulic fittings.

PRECISION TURNING

Large park of CNC and multi-spindle machines for production, USING materials in carbon and stainless steels up to 350mm diameter.





PIPE

PIPE BENDING

The pipe shaping department is structured to achieve production autonomy with an automated cutting line, multi-axis CNC pipe benders, hydraulic deforming machines to process tube ends and, in the case of the hydraulic sector, to obtain JIC-DIN-ORFS-WALTERSCHEILD joints up to diameter 80. The materials we machine are carbon steel, aluminum, copper and stainless steel.

WELDING & BRAZING

Internal operations related to the construction of the finished product include welding technologies: braze welding, TIG welding, and wire welding. These are subjected to pressure tight testing.

CURVES

In 2024 we took over the production department of metric welding curves. For high pressure from diameter 6 to diameter 50.





HOSES

FLEXIBLE HOSES

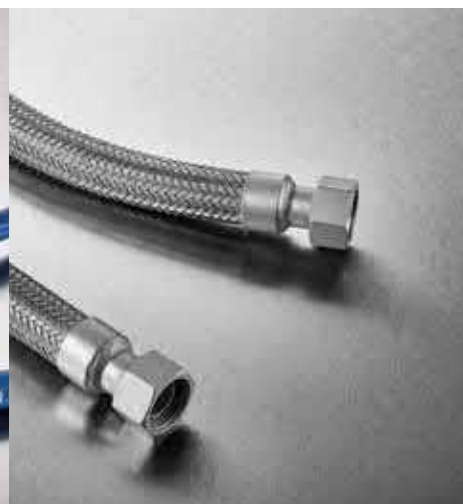
Flexible hoses for fluid and gas conveyance, available in various diameters and with pressures up to 700 bar.

ASSEMBLED FLEXIBLE HOSES

The hydraulic circuit is completed with fittings and hoses supplied either loose or assembled covering the entire pressure range from braided to spiral, usable for high-pressure washing, steam and the chemical, food and industrial liquids up to 12".

INDUSTRIAL HOSES

Hoses designed for use in production facilities for the passage of: oils, water, air, gases, food, chemicals and abrasives.



INTERNATIONAL EXPORT



Barzon
HYDRAULIC & OLEODYNAMIC SYSTEMS

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