RANGE OF PRODUCTS

F.Ili Scapin

COSTRUZIONI MECCANICHE E DIFESA IDRICHE
F.Ili Scapin: a long history of quality

Established back in 1945, F.Ili Scapin operates in the field of mechanical constructions and hydraulic works for water treatment and depuration. The experience gained over the years led F.Ili Scapin to be acknowledged as one of the most appreciated and qualified suppliers in its fields of activity, including, in detail, the fabrication of sluice gates, grid cleaning systems, special items for water installations and steelworks.

Our flexible organization makes it possible to offer a complete service to the Customer, providing a quick response to any request, spanning from a preliminary analysis of the works to be supplied, to a complete design, planning, fabrication, assembly, commissioning and final testing.

Thanks to an extensive distribution network, Scapin’s line of commercial products is available throughout the world, providing water operators with portable devices that are capable to solve all interventions problems on sites of all kinds.

One of the company’s distinctive features is a never-ending modernization and search for new technical solutions; it can count on departments equipped with technologically advanced machinery as well as on a staff of qualified technicians for on-site interventions.

Our services

The quality and completeness of the services provided by F.Ili Scapin is the company’s forte, with the only goal of guaranteeing the Customer’s satisfaction.

- Site inspection and feasibility study
- Estimates and Cost Analysis
- Design and Planning
- Construction, machining and treatments
- Transport and installation
- Commissioning and testing
- Service and maintenance
One of F.lli Scapin’s key activities is definitely represented by steelworks, with a department equipped to cope with any level of machining, from light to medium-heavy. The qualified technical staff and the certified welding processes make it possible for the company to guarantee high quality, reliability and certainty of the supplied product. Through a detailed planning of activities, the constant assistance of the technical department ensures a work process meant at meeting the Customers’ aims.
Flexibility is the key feature of the production activity, combined with the capability of meeting and responding to the needs of different work fields. Experience in machining, but most of all the availability of technologically advanced units make it possible to range from production of a single piece to large amounts of pieces, using any type of material or surface treatment. Fabrication of products with always tighter tolerances is carefully monitored and controlled with up-to-date measure instruments, so as to guarantee the product’s quality standards.
Mechanical products are fabricated either based on projects or on behalf of Customers and represent the result of different operative stages joined together. The experience, combined with the continuous development of production technologies, contributed to strengthening the relations with leading companies in the field of steelworks, lifting equipment and engineering in general. The company cooperates and interacts with its Customers’ engineering departments, optimizing all aspects of the supply.

The goal is not only to provide the product with the highest quality, but also to come up with alternative solutions or innovations.
A guaranteed high-performance investment is represented by penstocks, which allow a significant saving of water, a better yield of crops as well as the absence of pollution.

From output collectors to the special units for water installations, all products are built in hot dip-galvanized steel and can be coated with a bituminous sheath, coupled to flanges, female cup heads and calibrated heads for buried pipelines. They are built with diameters up to DN1200 and over, with automatic and certified welding processes, hence quality and reliability of the finished product is guaranteed.
An intercepting hydraulic system is completed by an automatic grid-cleaning structure, i.e. a sort of comb system with the function of keeping the main water inlet clean so that it can be used as source of power for the plants. This electromechanical device, either fixed or mobile, is operated by hydraulic cylinders that move a comb against a grid, then shifting the rubbish onto a conveyor belt and subsequently to recovery tanks. This system can also be combined with a barrel filter to ensure cleaner water to the central plant.
The sluice gates, of various types, have the function of regulating the water flow or serving as security devices on channels, penstocks or hydraulic systems.

Made in iron or stainless steel, they have a neoprene rubber seal, musical-note shaped, or plates of various sizes. Sliding occurs by mere gliding or on wheels made of self-lubricating material. These gates may be manually operated via hand-wheels, pulleys and reduction gears, electric actuator or hydraulic installation, or electro-hydraulically commanded with quick lock-up, as is the case with security sluice gates.
Thanks to its skilled and qualified technical personnel, the company, which has a variety of vehicles and equipment, can offer a complete service ranging from assistance, transportation, installation, commissioning, operation and testing of the works. Besides, F.lli Scapin ensures prompt ordinary and extra-ordinary maintenance interventions aiming at providing the Customer with a comprehensive after-sales service, to guarantee the proper operation of the installations.
COMMERCIAL LINE

Powered by a worldwide distribution network and with the aim to supply a comprehensive product, our commercial line offers a series of portable actuators and gearboxes that allow to solve all problems related to usage on valves, sluice gates, manual gearbox reducers, and also to perform emergency operations on electric actuators of any brand in absence of electric power.

These modern and reliable portable devices offer quick and safe interventions to all operators involved in distribution, management, treatment and depuration of water flows.