



ITALDRAGHE

DREDGING AND PUMPING SOLUTIONS

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1. Introduction

**Growing with experience,
leading in knowledge.**

From the half of the last Century,
thanks to technological advances and
extensive worldwide dredging experience,
we have grown and developed considerably, becoming Italy's leading
dredger builder.



2. Mission and Values

MISSION: ITALDRAGHE's **Mission** is to project and construct dredging equipment, with the best quality and for any client need, worldwide.

VISION: is to continue to be a reference point in the dredging sector for quality, solutions customization, innovation and environmental protection.

Besides words, we let our product speak for themselves, even from different decades.



Project and construct dredging equipment



Constant focus on quality



Client attention and satisfaction



Worldwide focus and offering



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3. Our history

Everything started in 1952, in San Giovanni in Marignano, on the Italian Adriatic Coast.

The evolution of times and technologies brought ITALDRAGHE SpA in the Third Millennium into a **wide** network of contacts and projects all over the world.



Today the firm is managed by a second-generation Direction.

The Owners run the company with their qualified proficiency and their fathers' passion.

ITALDRAGHE SPA's is today one of the best-known dredging equipment European brands, thanks to its **stable presence** in the market and the numerous events the firm has attended, such as dredging conferences and sector exhibitions.



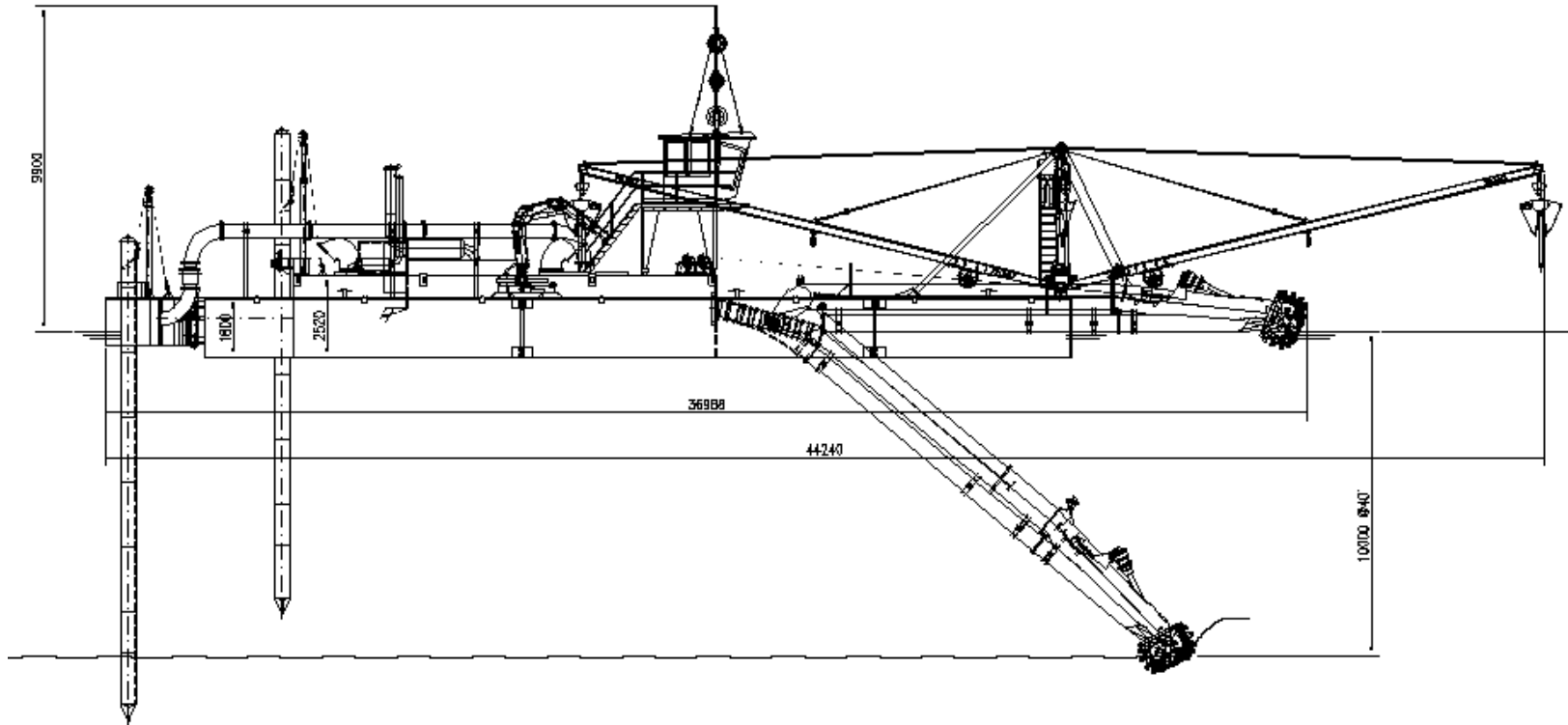
Italdraghe's offering



ITALDRAGHE SpA's **product range** includes cutter suction dredgers, water jet dredgers, dredging pumps, booster stations, dredging heads, cutter heads, workboats, harvesters, azimuthal rudder propellers and bow thrusters.

In addition to standard dredging equipment, ITALDRAGHE SpA provides dredging **solutions**, meaning that the product is designed to fit the customer specific requisites and uses.





All projects, ideas and solutions are based on **customers' needs** and are developed by the management team.
Afterwards, a team of engineers designs the project even further, in greater detail.



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High precision mechanics guarantees the meticulous assembly of each component.



Each stage of the production, welding, assembly, painting, is managed by qualified operators, guaranteeing a long-lasting product.

All the production phases are **ISO 9001 certified**.



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Every dredger is pre-assembled in the factory before leaving in order to monitor its functioning.

After, it can be partly disassembled for an easier worldwide shipment.



ITALDRAGHE SpA can supply both complete dredgers and single **dredging components.**



A multilingual after-sales service together with a well-stocked warehouse allow the supply of always available **spare parts**.



A qualified technical department is willing to promptly **solve** any kind of problem which might occur, in any part of the world.

4.1 Dredgers



Not to mention the Italian market, ITALDRAGHE SpA has delivered hundreds of dredgers worldwide, exporting the quality of made in Italy and the cutter suction dredging (**CSD**) system.



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ITALDRAGHE SpA's CS dredgers make use of the best technologies.



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ITALDRAGHE SpA supplies many kinds of dredging equipment.

In addition to standard CS dredgers, in ITALDRAGHE SpA's product range there are also special purpose ones including **Marina Master**, specifically designed to work under floating marina pontoons and finger piers without having to remove them.



Manoeuvred through spuds, it can "walk" in small passages and allows dredging operations even in crowded touristic periods.

4.2 Pumps



ITALDRAGHE SpA is the only company in Italy that designs and produces its own dredging pumps **in-house**.

Its horizontal centrifugal dredging pumps are manufactured from the best wear – resistant materials.



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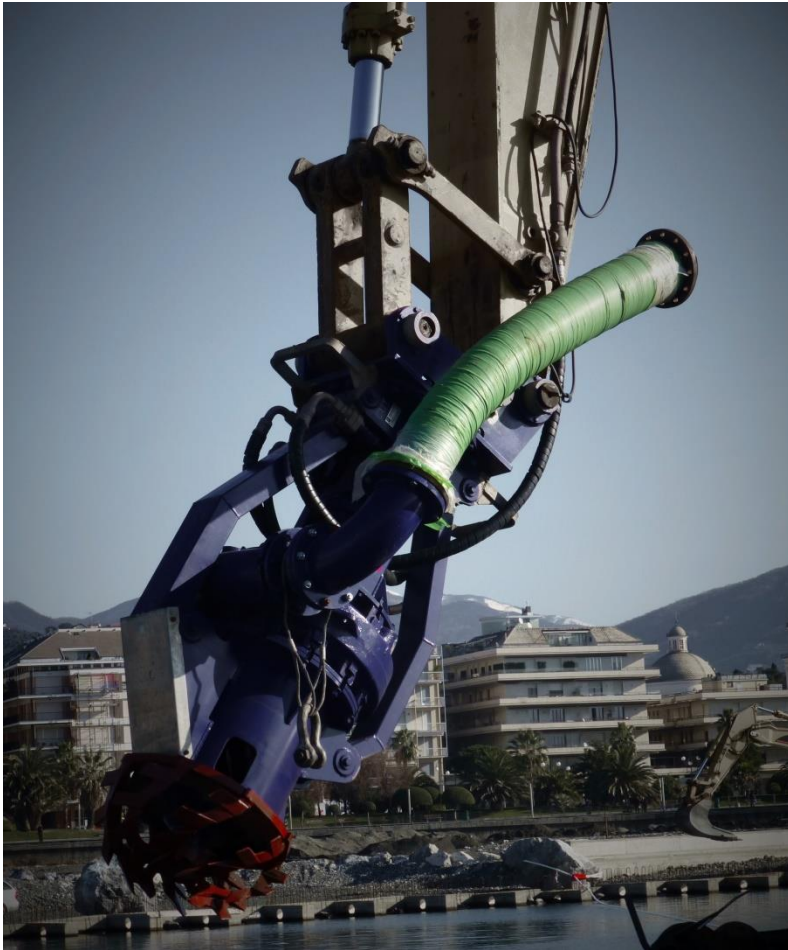
Main pontoons are manufactured with wide open spaces, making easier maintenance operations.

Thanks to its **pumps' reliability**, ITALDRAGHE SpA is able to supply high-efficiency dredgers that are also durable.



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4.3 Dredging heads



Dredging heads (**BD**) are basically dredgers in miniature: easy to use, with low maintenance costs and compatible with all brands of hydraulic excavators, this product is ideal for **small-scale dredging projects**.

With its simple quick-fit installation, BD does not need any other hydraulic engine since it is driven directly by excavator's own power source.



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BD can work from both on-land and floating excavators.

The out-put material can be pumped in a rainbow jet or directly in a discharge pipe that connects the work area with the discharge point.





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4.4 Other products



ITALDRAGHE SpA also constructs **booster stations** starting from its pumps.

Booster stations are suitable for pumping of liquid and mineral mixture as well as for pumping water containing sand, gravel, salt and clay.



Especially in Africa and South America, booster stations are applied to gold and precious quarries. The site is flooded with water and the mixture containing minerals is pumped and then selected by a specific separator.



ITALDRAGHE SpA's **mechanical and hydraulic azimuthal rudder propellers** offer the benefits of a combined propulsion and steering system.



They are fitted with immersion adjustment and trim systems, for routine inspections and maintenance.



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ITALDRAGHE SpA's has a long history of designing and building special purpose work boats, including **weed harvesters** and **garbage collectors** for removing rubbish and other floating materials from ports, lakes and canals.

Its range of harvesters and collectors spans from very small vessels designed for working in tight spaces to much large harvesters capable of cutting, storing and directory offloading significant quantities of vegetation/garbage via one or more integrated conveyor belts.



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Not only dredgers
but dredging solutions