



# NST

» N A V A L SOLUTION TECHNOLOGY «

## **Naval Solution Technology**

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All construction metals are processed here: from the prototype, to the realization in the workshop, to the assembly at your installation site, we are able to assist you in all aspects pre, during and post production.

We operate in the sectors of shipbuilding, industrial metal carpentry, maintenance and assistance for fluid transport and handling systems.

## ABOUT US

The continuity of our origins in the evolution of new sectors

**Naval Solution Technology is specialized** in the processing, assembling and finishing of conventional and non-conventional metals, such as steel alloys of all kinds, aluminum alloys, special alloys with a high nickel content. Based on half a century of experience in the construction and repair (at the shipyard as well as at sea) of any constituent element of the ship or port equipment, **NST** is now able to offer the added value of the technical and operational management, gained in this field, to all those customers who, in addition to the need for a simple steel product, experience design related and implementation problems, complex to some extent: technical support from survey to installation, commercial and logistic support; working in difficult environmental conditions; special processing; reduced management times.

These are the points that enhance **NST's** commercial proposal, "because the ship doesn't wait!"



This is our company philosophy, which from the beginning has always accompanied the activity in **the naval sector** and which today we pour into the **industrial** and **mechanical** fields, with the same passion and inclination to **continuous technological and regulatory updating** that **large customers increasingly require**.

But we do not place limits on your requests: **that your metal object is of macro rather than micro dimensions**, that it is a bulkhead rather than a structure, that its use is fixed rather than mobile, that it is an industrial prototype rather than a component of design, a mechanical seal or a valve rather than an impeller, **in NST you will find the right professionalism to achieve your goal.**





The **experience** gained in the naval sector on our part, together with the growing demand for a higher **product quality** and in all additional services by the land-based customers, has convinced us to experiment in the industrial field over the last 10 years.

Today we manufacture **light, medium and heavy steel carpentry** for various uses. We are able to provide **design, structural calculation, project management services** as requested by the customer, also thanks to the acquisition of specific resources in the field which, combined to our legacy, allow us to approach the sector with a hybrid mindset: **the knowledge of the procedures of the industrial commission with the operational spirit of the naval one.**



**Civil and industrial buildings: design, structural calculation and construction of load-bearing structures**

**Pipelines, oil pipelines, gas pipelines: construction and maintenance of piping, fittings, devices, support, auxiliary steel carpentry, for plants of any type and size**

**Tanks, silos, bulkheads, basins, caissons: construction and maintenance**

**Machine tools operating in any industrial sector: construction and maintenance of hoppers, augers, conveyor belts**

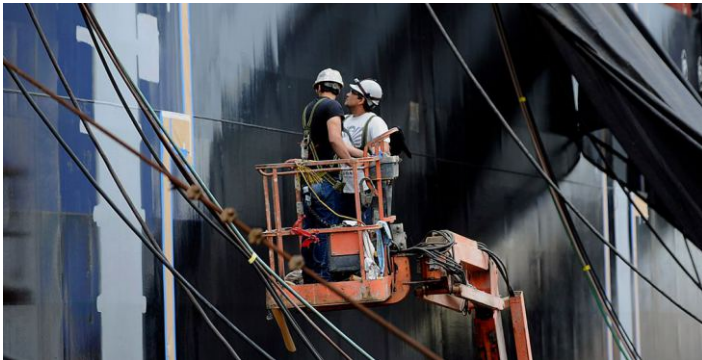
**Mechanical means for lifting, movement, transport: construction and maintenance of accessories such as bins, baskets, cabins, protections, etc.**

## SERVICES



The range of action of our interventions on board has only **one boundary: the sea.**

We can safely say that **there is no part of the ship that has secrets for NST**: from the hull to the top deck, during our company life we have intervened on **any metal element**, either it is functional to navigation, or part of any equipment specific to the type of transport that ship is built for; either constituting the finishing of the internal operating rooms of the crew, or intended for the furnishing of collective and private rooms, destined to members or passengers. The need to operate during navigation or the carrying out of the operations for which the ship is intended for, has always imposed flexibility, speed and non-interferential procedures: **we like to call ourselves flying team, because we are.**



Design and construction of commercial boats of any type and size

Design and construction of naval and port carpentry and piping of any type and size, with EU and EXTRA EU standard approved procedures and tools

Repairs and construction of marine components with RINA qualified welding process for: steel alloys of any type, aluminum alloys, marine alloys with a high nickel content

Emergency intervention on commercial and pleasure boats, in hull/dead work /  
Refitting of obsolete boats / Scrapping of boats of all kinds

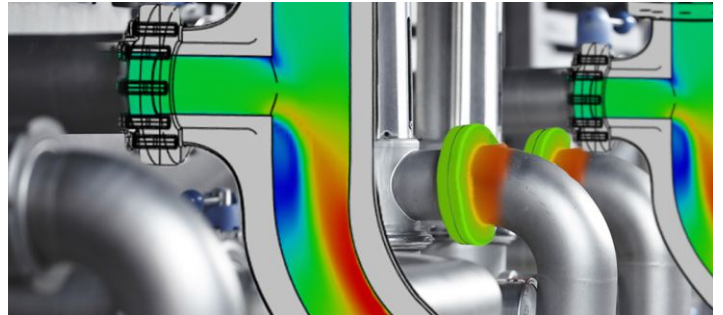
Design, prototyping and production of innovative components and models in the naval sector.  
Boat mooring/lifting assistance services; Rental of cranes and barges



# MECHANICAL

The core of this sector is represented by **mechanical maintenance and repairs** on various machinery, with specialization on pneumatic and oleodynamic hydraulic systems.

The production activity is divided into different departments and organized for the finalization of the phases that perform the entire production cycle of general mechanics: **disassembly, cleaning, checks, preparation of components and assembly on site**. NST carries out its production activity with a specialized staff of machine tool operators and maintenance personnel, with **versatility and flexibility** that allow it to develop the entire pre and post maintenance cycle, at high levels of efficiency and knowledge. In addition to the revision of rotary and reciprocating pumps, NST offers **an accurate maintenance service for any moving part**: fairlead rollers; various level controls; reducers; speed converters. It also deals with the overhaul of electric motors and installation of actuators on manual valves. We guarantee, in all our repairs, the exclusive use of **FAG, SKF and John Crane components**, undisputed leading brands in the mechanical sector.



Scheduled regular maintenance , preventive and corrective

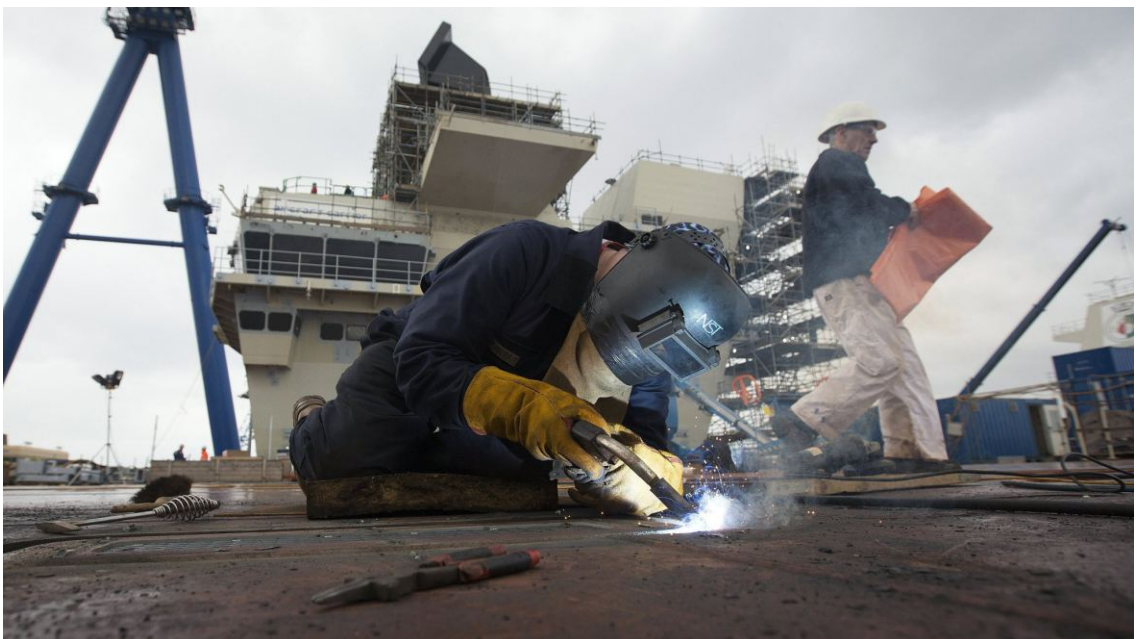
Disassembly and troubleshooting of mechanical equipment for fluid handling

Maintenance, repair, replacement of primary and auxiliary mechanical parts in equipment and systems

Maintenance, repair, replacement of components of filtering or absorbing equipment for the recovery of sediments, supernatants, suspensions in settling tanks, storage, recovery, cooling of industrial plants

Availability 24/7





## REFERENCES

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Constantly active in the naval sector for over five years, and as such the bearer of a high-level specialist historical know-how in the field of metalworking, **NST** possesses technological mastery and specific skills not common to the field of industrial and civil construction.

The ability to operate in highly disadvantaged environmental conditions, with short management and intervention times, together with the willingness of the entire organization to solve more complex and complex problems than the simple steel supply, even in international environments and in sectors other than the one of origin, have made it a corporate entity capable of expressing itself at its best on the aspects of organizational capacity, flexibility and operational speed, as well as on the quality (recognized and now certified) of the product and service offered.

And it is on this added value that it receives constant proof of esteem and trust from its customers.



Kuwait Petroleum Italia SpA



Nova Ship S.A.



S.M.S.



Sarda Bunkers SpA Napoli



*Agencia per la Coesione Territoriale*

Agenzie Marittime territoriali italiane



U.S. Navy



Royal Canadian Navy



GRIMALDI GROUP

Grimaldi s.p.a. Napoli



Truston Technologies Inc. Usa



Oceanetics



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