



ALLIANCE



Sistemas Hidráulicos

Navales

METALNOX
Propellers





ATS & METALNOX

begin their joint activity based in the **Balearic Islands** to carry out refits, repairs, improvements and work with our guarantee of quality. Supported by our team of highly qualified professionals specialised in the nautical sector.



METALNOX

METALNOX is a metallurgical company founded in 1987, specialised in the nautical sector and with more than 30 years of experience.

The main workshop is located in the industrial estate of Santa Ponsa, Mallorca, **Baleares**.

Our facilities of over 3000m² are equipped with high-tech machinery and tools.

We have a team of qualified professionals at the highest level and we offer a
360° Comprehensive Service.





Installations

Since 2009 we have had an auxiliary workshop located in the **Port of Palma de Mallorca (STP)**, where we service all types of boats directly and immediately.

These facilities have been adapted to create a space for collaboration with **ATS (Naval Piping Systems)** and provide a broader and more specialised range of services.





Services

We are specialized in the maintenance and repair or replacement of the propulsion system, performing the following services:

- ✓ Initial inspection onboard.
- ✓ Disassembly and assembly of the line.
- ✓ Repair of fixed or variable pitch shafts and propellers by welding, straightening, optimization, dynamic balancing and polishing.





Services

- ✓ Review, maintenance and replacement of all types of bearings, horn seals and flying buttresses.
- ✓ Revision and repair of cone contact using ***Lap & Blue fitting.***
- ✓ Complete alignment of the entire propulsion system.
- ✓ Sea trial.





Resources

To carry out the projects, we have:

- Qualified staff in continuous training.
- LR approval for the repair and welding of propellers, as well as for different types of alloys.
- The necessary equipment for the control and heat treatment of materials.

The only company in Spain and the Mediterranean approved by **ABS** for the repair and welding of shafts.





Resources

- PropScan **system** for checking and optimising propellers according to **ISO standards**.

Analysis and diagnosis of the propellers by means of **portable 3D scanning** without requiring disassembly.

- Dynamic balancing machine with ISO standards, adapted for the whole of the propulsion line (shafts + propellers + couplings) up to 5 tons and 12 metres in length.





Resources

- Hydraulic presses and folding machines up to 220 tons.
- Milling machines, fixed and portable lathes for precision work both in the workshop and on site.
- Laser aligners.

Machinery and tooling manufactured and custom designed by our
I + D + i department for the
straightening of shafts and propellers.





360° Comprehensive Service

Thanks to our complete service we can ensure a notable improvement in the performance of the boat, reducing consumption, eliminating vibrations and increasing its speed.

We work on all types of boats, of different sizes and intended for any activity: pleasure yachts, fishing boats, ferries, private or charter Superyachts.





360° Comprehensive Service

We work in detail, at the highest level, using experience, engineering and creativity. Also in the design and manufacture of specific pieces for the structure of the yacht on board.

We adapt to the particular needs of each client, so that the set-up of your boat is as optimal and fast as possible, obtaining a long-lasting high-quality result.

METALNOX
Pro²PELLERS



METALNOX
Since 1987





ATS



ATS SL was founded in Viareggio in 2008 after more than 30 years of experience in the nautical installations sector, and is specialised in the construction of:

hydraulic, pneumatic, oleodynamic and fire fighting systems.

ATS S.L. has a production team of 80 people which allows assistance on urgent and unscheduled requests, without neglecting any work in process.

For our company, the human component has always been an element of fundamental importance for the development of an excellent product. For this reason...

ATS is supported by staff with extensive experience, versed in the best nautical culture, in Viareggio.

The company is divided into highly specialised and differentiated teams to deal with various **yacht service interventions: overhaul (Refit) and new constructions.**

ATS

*Naval hydraulic systems and
nautical reconditioning of yachts.*

The **Nautical** Yacht Refit is the activity where ATS best reflects its passion for its work.

ATS interprets the **Refit** as an intervention whose purpose has to result in a great improvement for the boat and in our Client's satisfaction.





An intervention by Refit allows the client to improve their own boat, not only aesthetically but also from a functional - technological point of view.

Basically a **Refit intervention** by definition, it involves the "vital organs" of a yacht. In fact, in most cases the boat (especially the engine room) is **literally emptied** of all machinery and internal lines that need to be replaced.



This is when it can easily be seen how important it is for a client to ensure that their investment can yield **productive results**, without the expense of very high costs and little functional contribution.

For this reason, ATS approaches Refit's **interventions** in an extremely cautious and professional way, never ceasing to propose initiatives in line with the client's needs, in tune with new technologies.



ATS provides the know-how and necessary technology to offer the most appropriate solutions in your Refit interventions and in the development of new construction commissions, from which innovations and new construction concepts are absorbed.

These concepts proposed during the Refit of boats (even older ones), give an added value that a modern yacht aspiring to exclusivity cannot do without.



The importance of a Refit **intervention** on a yacht that is used both for private purposes and for charter services is fundamental.

For this reason, ATS maintains direct contact with the client, even after the intervention.



Routine yacht maintenance.

ATS offers **yacht and boat maintenance** services, thanks to a team specialised in this type of intervention.

ATS has a large fleet of vehicles for yacht services and assistance, as well as several mobile workshops equipped for emergency intervention throughout the Mediterranean.

ATS & METALNOX ALLIANCE

With this collaboration agreement established in 2020, we wish to expand our range of services in order to meet new demands from the European nautical sector.

We trust that our joint activity will generate a synergy that increases the quality of our services.

The basis of our association is our commitment to achieving maximum client satisfaction and promoting the industry in our sector.



Naval Piping

Systems

METALNOX
Propellers

