

# Nautech

YACHT, SUPERYACHT, TECHNOLOGIES AND DESIGN



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NAUTICAL UPHOLSTERY • MARINE UPHOLSTERY



Cinzia Borghi  
**Competence and  
research "spot on"  
for the sector**

Technology  
**America's Cup :  
AC75,  
designed to fly**

Materials  
**X1, is a new  
concept for  
a catamaran**

  
**tecniche nuove**  
[www.tecnichenuove.com](http://www.tecnichenuove.com)

**WEERG**

**Ad hoc CNC navigating online**

Yachting enthusiasts but also professions now have available a new tool for producing vessel components and parts. To find out, just surf the net to the Weerg.it site, the first Italian e-commerce site offering online CNC operations with free estimates in real time. The latest innovation on the platform are the new materials copper and bronze which, together with aluminium and brass, further enriches the range of metals suitable for making boat components. Components for electrical systems, nuts and bolts, spare parts and hinges can be ordered with a few clicks, uploading to Weerg.it projects created with the most widespread 3-D design software. The advantages offered by this e-commerce site which is unique of its kind our immediate feedback on feasibility and estimates, the possibility of ordering a single component, rapid



delivery and extreme quality given production that is rigorously made in Italy.

[www.nautechnews.it/SugB4](http://www.nautechnews.it/SugB4)

**ITALWINCH**

**NESTOR-VX: the winch completely in stainless steel**

The new Italwinch NESTOR-VX warping winch is completely in AISI316 stainless steel. It uses an above deck mounting system that saves time and installation and needs a single operator. The vertical 800 W motor (available as 12 V or 24 V) has an automatic non-return system and guarantees maximum performance for boats of up to 15 m. MZ Electronic starts working with ORVEA in 2008, creating the brand Italwinch and starting producing the first range of anchor windlasses for boats up to 16 meters. The collaboration becomes closer with market demand to have products for bigger boats; in 2011 MZ Electronic decided to acquire the ORVEA company, including drawings, stock, moulds, know-how and starting the Italwinch by ORVEA project. Now the range Italwinch by ORVEA has more than 30 categories of mechanical products for docking, a complete range of electronic



accessories and the possibility of creating custom solutions on request, both in electronic and mechanical sector.

[www.nautechnews.it/lxgkL](http://www.nautechnews.it/lxgkL)

**HELLA MARINE**

**Dual Colour Sea Hawk-XL**

The new Sea Hawk-XL continues using the latest Hi-Tech materials.

A heavy duty Grilamid lens provides exceptional impact resistance. The unique ceramic thermal polymer housing distributes heat away from internal components and avoids potential corrosion issues associated with metal housings. Two rows of bright white light is ideal when working,



docking or landing the big one, while the third row of secondary color adds versatility. Professional sports fisherman, commercial operators and ocean racers all recognize the 'non glare' night vision preservation advantages of red lighting. Blue is popular when added bling or a point of difference is needed, while warm white creates added comfort when you want to relax or match the rest of your interior lighting. Multivolt circuitry provides constant illumination and circuit protection from 9-33V DC, even under severe voltage fluctuations. Sea Hawk-XL lamps are prewired with three core marine cable and completely sealed for reliable operation in exterior applications. Hella marine Sea Hawk lamps



offer class leading energy efficiency, unmatched durability and a 5 year warranty for a total 'fit and forget' solution and complete peace of mind.

[www.nautechnews.it/5VoIR](http://www.nautechnews.it/5VoIR)

**Riviera GENOVA**

*safety in navigation.*

**Manufacturers of nautical accessories for 50 years**

[www.rivieragenova.com](http://www.rivieragenova.com)

Icons: compass, speaker, gear, plug, propeller, anchor, wrench, hex nut.



**RIVIERA**

**ASTRA, the compass that didn't exist before**

Riviera Genova Srl, the leading company in the design and manufacture of nautical accessories and compasses since 1976, is launching ASTRA, the new magnetic compass specially made to be mounted on the ceiling. While maintaining unchanged the seafaring tradition of simplicity and practicality, the magnetic compass is still today an indispensable tool for navigation and saves us risk of malfunction in electronic course control apparatus.

"Astra" is the result of years of research and development by the company in compasses for yachts and work boats. The new Astra compass has been designed to satisfy the requirements of shipyards who are continuously seeking to optimise space on the bridge, which is increasingly cluttered with monitors, various indicators and electronic instruments of all kinds. The aim is to exploit unused surfaces, in this case the ceiling of the boat above the bridge. Development of the project started from models of tried and tested Riviera compasses, applying variations and improvements to refine the product. For example, the double access system of the rose makes reading small stable without the need to balance independently of the different magnetic zones on earth.

The internal mechanism is based on a double gimbal system that neutralises rolling and pitching of the boat so they do not interfere with the working of the compass. The materials used are the result years of experience in moulding plastic materials in-house, both for the marine and automotive sectors. The transparent top is in polycarbonate, a plastic material that resists scratches and shocks. The top is treated against ultraviolet rays to ensure resistance to the effects of exposure to the sun. The external parts are in ABS, which has exceptional mechanical properties and strengths while guaranteeing excellent aesthetic quality. It also resists solvents, alcohol and oils and is also treated to resist over time exposure to atmospheric and meteomarine agents. The certifications obtained by the company for its products and quality system confirm its constant

commitment to seek reliability and high quality in production.

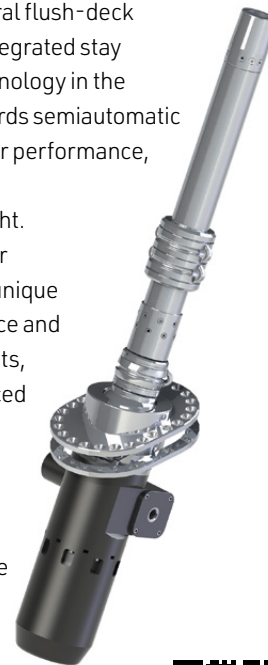


[www.nautechnews.it/3GX9R](http://www.nautechnews.it/3GX9R)

**BAMAR**

**GFSE – GFSI "flush-deck" hydraulic or electric foresail furlers for fixed stays**

The GFSI- GFSE series has been completely upgraded combining new technology and experience deriving from the previous series in production since 2003. These motorized furlers with self-aligning spherical fulcrum, designed for a structural flush-deck installation, may also be supplied with integrated stay tensioning cylinder. The evolution of technology in the sailing world grows more and more towards semiautomatic mechanisms which satisfy the demand for performance, reliability and quality, connected to the reduction of overall dimensions and weight. Bamar presents this new line of electric or hydraulic foresail furlers that guarantee unique specifications, high sail furling torque force and speed, synchronization among movements, easy installation, low maintenance, reduced overall dimensions and weight, thus improving comfort and safety onboard. The flange and all components to be exposed above deck are manufactured in polished 316 stainless steel. Whereas, the reduction gear body and stay tensioning cylinder body to be fitted below deck are made in black hardcote anodized high resistance aluminium.



[www.nautechnews.it/ZvBx6](http://www.nautechnews.it/ZvBx6)

**ZIPWAKE**

**Dynamic Trim-Control System**



Zipwake is a new Dynamic Trim-Control System featuring an advanced, intuitive control system and an innovative design to provide a more comfortable ride, better performance and improved fuel consumption no matter the conditions. Zipwake is a new Swedish marine brand committed to the large-scale enhancement of ride comfort and dynamic performance of boats with

affordable motion-control equipment combining cutting-edge technology with intuitive robust design. A selected team of engineers with solid knowledge and experience from both the marine and automotive industry worked together for three years and a half to design and produce complete and highly competitive solutions to the well-known trim problems of planing and semi-planing boats.



[www.nautechnews.it/66335](http://www.nautechnews.it/66335)