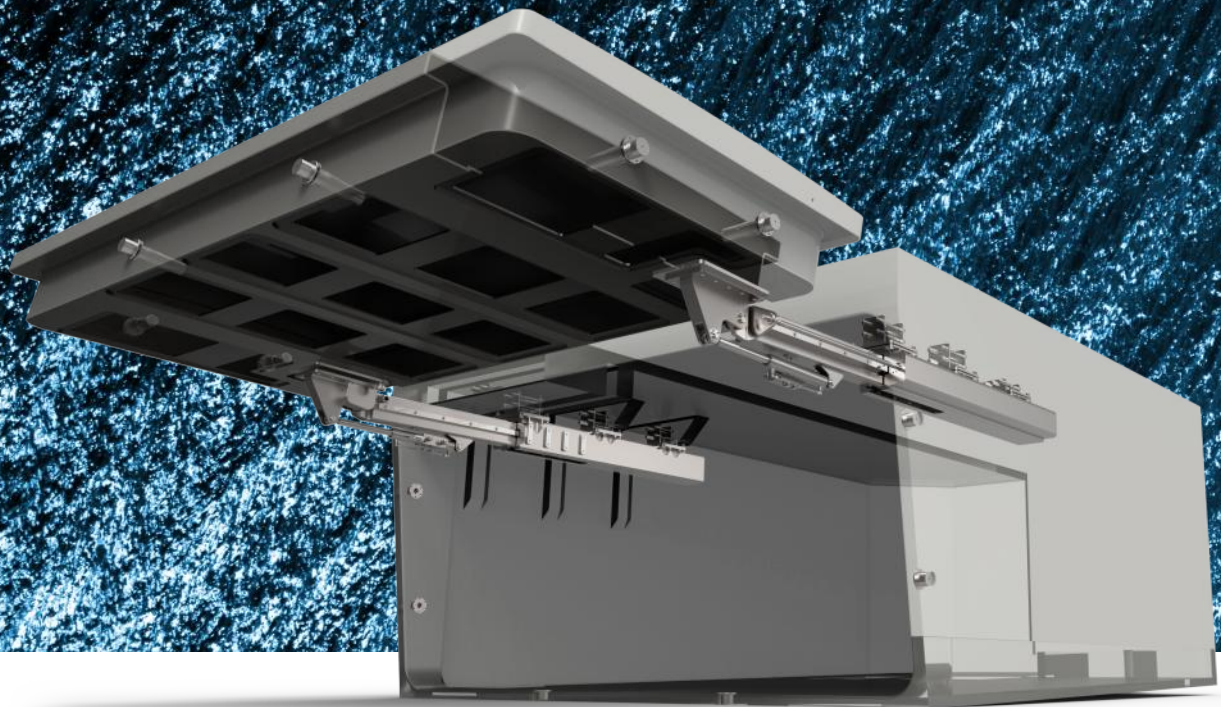


TOP SAFETY AND RELIABILITY

COMMITTED TO EXCELLENCE



www.calistrisnc.com

Chosen by the best shipyards





OUR MISSION

To do things the right way is part of our DNA.

Here at Calistri we constantly **search for the excellence** in our products and in the relationship we maintain with our customers and suppliers and not last with our employees and collaborators, because we believe that building **trustful relationship** that last over time brings the maximum satisfaction for all the parties involved and this is **the key to overcome any difficulty**.

Each ship is a project to share, a goal to achieve, and only with the mutual commitment of all the actors involved the success can be obtained. That's why we are pledged to be **partner with our customers rather than mere suppliers**.

We join our heritage of mechanics culture to the italian handcraftship tradition, taking care of every detail so that nothing will be left to chance.

The push to innovation had always distinguished us: we have been among the firsts in our region to invest in CNC machines and to endow our engineers and designers with the best dedicated softwares.

We offer **reliability and solidity** and we are proud to have conquered the market, step by step **through our reputation rather than with advertising**.

Our best references are the hundreds of doors and hatches successfully tested, the ten thousands of hours spent in engineering, the thousands of doors and hatches protecting the most beautiful yachts from the waves of the sea.

Choosing a Calistri product means also **to adopt part of our philosophy**, that's why they are not for all, but just **for those who put the same passion as we do**.



UTENSILI
VA BCOMBY STELLRAM

SINCE 1950

A SUCCESSFUL STORY

The company was founded in 1950 by the experience of the forefather and founder Giacinto Calistri who, from the very beginning, started a workshop building parts and whole machinery for the mechanical-textile industry. Over the years, he designed and manufactured machinery for its customers relating to the most disparate sectors and high precision clogs and gears.

The founder Giacinto was then joined by his sons, Claudio, Sauro and Roberto and under their direction during the booming years of the Ansaldo-Breda group, now part of HITACHI has opened new development sectors to diversify the offer to its customers , from third party parts machines and processing for the railway sector to the building of equipment for food industry.

With the new generation, the third, linked to the names of the offsprings Federico and Paolo, the company has finally landed in the nautical sector, initially with the production of small components such as hinges and latches of various types, then it started to design and build complex and finished products such as watertight fire doors, exterior doors in general, folding ladders, haling devices for tenders and jet skis and many other devices more and more integrated in the yacht design and conquering the favours of the customers.

The high level of specialisation and the has allowed the company to collaborate and later become a loyal partner of some of the most important shipbuilding companies of yachts and mega-yachts.

Currently the company is based in a warehouse of about 1000 square meters and occupies a workforce of 24 people. The constant updating of our CNC machines and the high specialisation of personnel allows us to supply everyday different custom made quality products. Since 2016, the company has also incorporated the design and assembly of advanced electrical panels for its movements and plans now the expansion with the acquisition of new spaces for the light metal fabrication and assembling of the hauling systems and gangways.





Calistri solutions

At Calistri, we design and manufacture in house complete garage handling solutions for custom mega yachts and series yachts to satisfy every need of a wide variety of customers worldwide.

Made to measure with particular care in details, every system is fully integrated with the ship systems and structures to become a fully functional appendix.

Our technical department works side by side with the Shipyards to offer the highest performances in reduced spaces and volumes to minimize footprint and maintenance and to achieve ease of use for the crew notwithstanding the priority of a harmonious esthetical appearance

Through the use of FEA/FEM analysis and certified materials, welding procedures and assembly best practices we are able to certify and test every system with a very high safety coefficient to guarantee a long service life and the reliability ion the harshest conditions. We can build almost everything that's thinkable making life easier during all the process down to the final end user from naval architects, project managers to the crew.

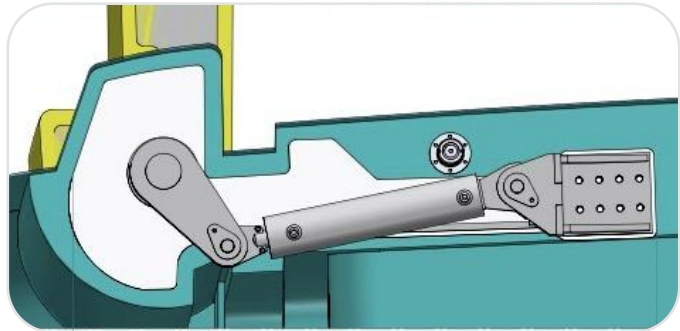
Stern and lateral garage doors

Calistri offers a wide range of technical solution for the control of the garage door opening and locking:

- Piston rod and cylinders
- Hydraulically or electrically powered rotatory actuators
- Combination of hydraulic rotatory actuators and cylinders
- Hinges and cylinders
- Custom solutions

Every system is evaluated according to the specific application with particular care on static and dynamic loads, wave slamming, additional load deriving to the movement of people and object on the hatch.

Every system starts with a preliminary study of the 3D of the garage then we seek confirmation of the actual geometry by scanning the garage with 3D laser and reverse engineer it and then we move to the prototyping phase and production made with CNC machines, and after we validate and test severely each component prior to the installation onboard by our qualified technicians.





Shell doors

Designed to guarantee the maximum safety these doors are completely custom made.

Available in different materials composed by a structural frame to welded on the hull with integrated safety pins to compress the gasket. All the pins are part of the Calistri's range of certified type approved pins and cleats.

The opening and closing mechanism is composed by mono arm pantograph hinge with coaxial conical couplings coupled to an electric or hydraulic motor. Everything is interlocked to allow ease of operation and maximum safety. Every door is tested to higher safety coefficient than those required by class and features also a local bypass to enable emergency opening and locking/unlocking in case of main line / power fault.

Features:

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- Custom Dimensions
- Layout and shape included curved and double curved surfaces
- Certified materials 3.2
- Available as standalone or integrated with third parties equipment
- All 316 mirror polish finishing
- Self locking in open and half open position
- Control panel in engraved mirror polished 316L panel with IP65 buttons
- Available with inside/or outside opening



Gangways

Calistri's embarkation systems are designed for the maximum comfort and to contain the volumes and footprint of the passerelle box inside the technical space.

Every passerelle is made to spec to guarantee the correct functioning and minimum deflection during the use. Every box is made from framed aluminum plates, designed with manholes for inspection, drainages, and air tested to check watertightness from 0,1 to 0,3 m.

Every gangway is made with high quality and high resistant AISI316 profiles, mirror polished with teak grating standard or full board plating in premium quality teak and with the possibility of installation of lights, and standard or optional rows of stanchions.



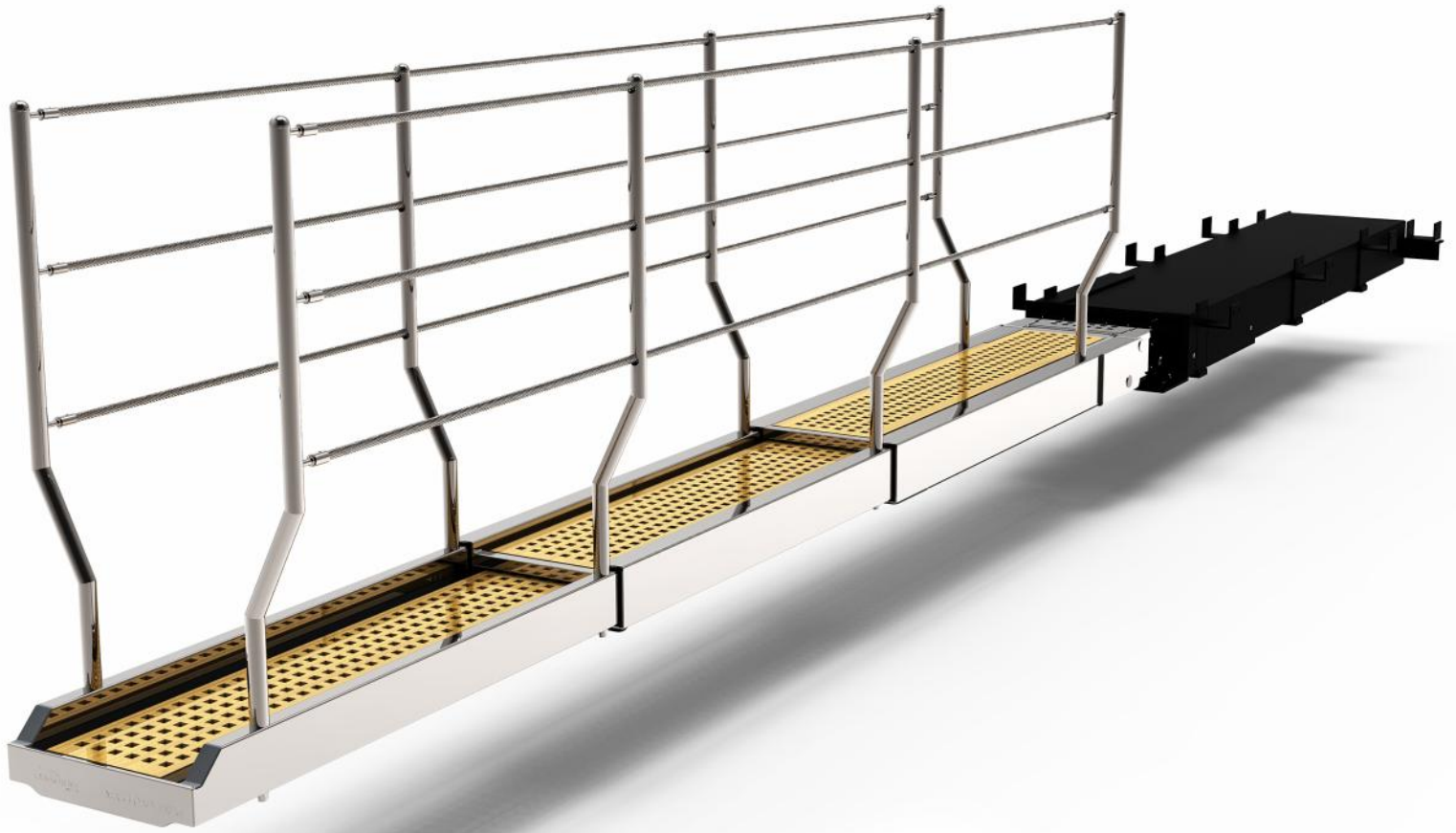
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Standard features:

- Passerelle box reduced height
- From 2-4 stages
- Tilting +/- 15%
- Completely in AISI316 mirror polished finish
- Manual stanchions with nautical line

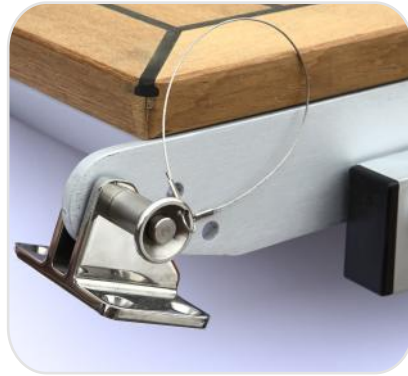
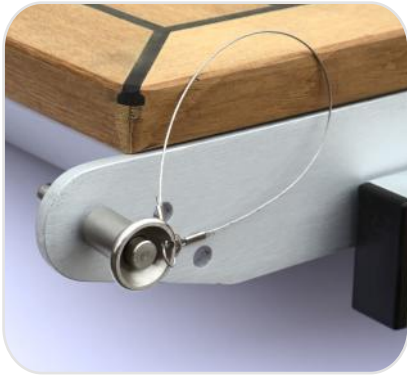
Some customization available:

- Full board teak plating
- LED or Fiber optical lighting
- Second row of manual stanchions
- Double row of self-collapsible stanchions
- Lateral swinging +/- 40°
- Self levelling steps retractable passerelle +/- 25°



Side boarding ladder

Calistri builds also side boarding ladder, compact and lightweight made of anodized aluminum profiles, from 19" and 24" wide with 6,7,8,9,10,11 and 12 steps and also available in modular version (+3, + 2 steps). We have available different anchoring systems for bulwarks and decks.



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The side boarding ladder features:

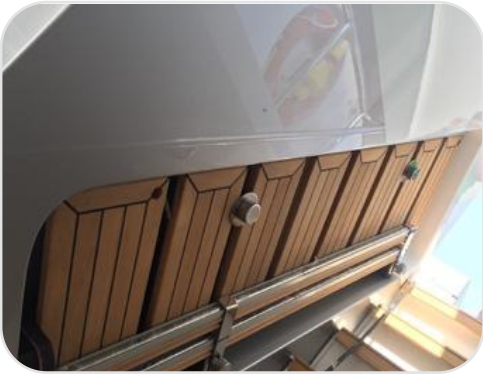
- Self levelling 1st quality teak sandwich steps with black caulking.
- Modular structure in anodized aluminum
- Bottom steps with pivoting caster wheels coated with anti-skid compound.
- Removable and adjustable safety pole
- M+F anchoring points for standard bulwark in polished AISI316L with safety pin.
- Single AISI316L polished handrail.

Some of the optional:

- Second handrail
- Teak gunwale for handrails
- Pivoting platform
- Custom anchoring points
- Top and bottom steps with engraved logo
- Storage system for bulwark in AISI316 or anodized aluminum to easily keep the ladder handy

New 2020: electric storage system that hide the ladder into the yacht ceiling and deploys it when required.





Dumbwaiters

Made with high thickness anodized aluminum profiles in a modular system to allow a quick installation onboard inside trunks it has been conceived to maximize the tray load capacity.

It doesn't require any particular structure or anchoring points as it is self-standing.

Many different configurations and options are available:

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- Multiple in/out up to 3 side over 4.
- Multi stage : 2-3-4-5 up to n* stages.
- Variable load capacity from 20 to 100kg
- Adjustable speed from 10cm/sec to 40cm/sec (*)
- Remotable control cabinet
- 316L food safe grade cabin tray fully customizable with drainage grids, yacht/yard name/logo, roll bars in aisi316.
- Structure insulation (*)

**Class and certification restrictions apply, ask form more details*

Calistri's dumbwaiter offers a number of premium features that make it the choice of the most important yacht builders

- Food cabin completely in AISI 316L mirror polish or satin finishes
- Railing system with reinforced cogged belt
- Adjustable pulley and tensioning arm
- Multiple safety switches and sensors at deck height and on access hatches.
Children safety lock
- Local control panel @ deck opening in polished AISI316 with colored ring led IP65
- Door-like or guillotine opening to integrate with surrounding furniture





Water toys hauling and launching systems

Storage, hauling and launching of water toys has always represented an hard challenge for the yacht builders: heavy half manual system, uncomfortable and unsafe and often, storing or releasing the tender easily and quickly might represent an unhappy experience for charter guests.

Thinking about all that Calistri has designed and engineered continuously improving different systems completely integrated onboard. Every sledge is designed upon the 3D model of the tender or the jetsky that will hoist and tailor made for the volume and spaces onboard.



Tender and jetsky hauling devices

Tender and jetsky hauling devices are made of the best steel and aluminum profiles and are tailor made on each model of water toys 3D.

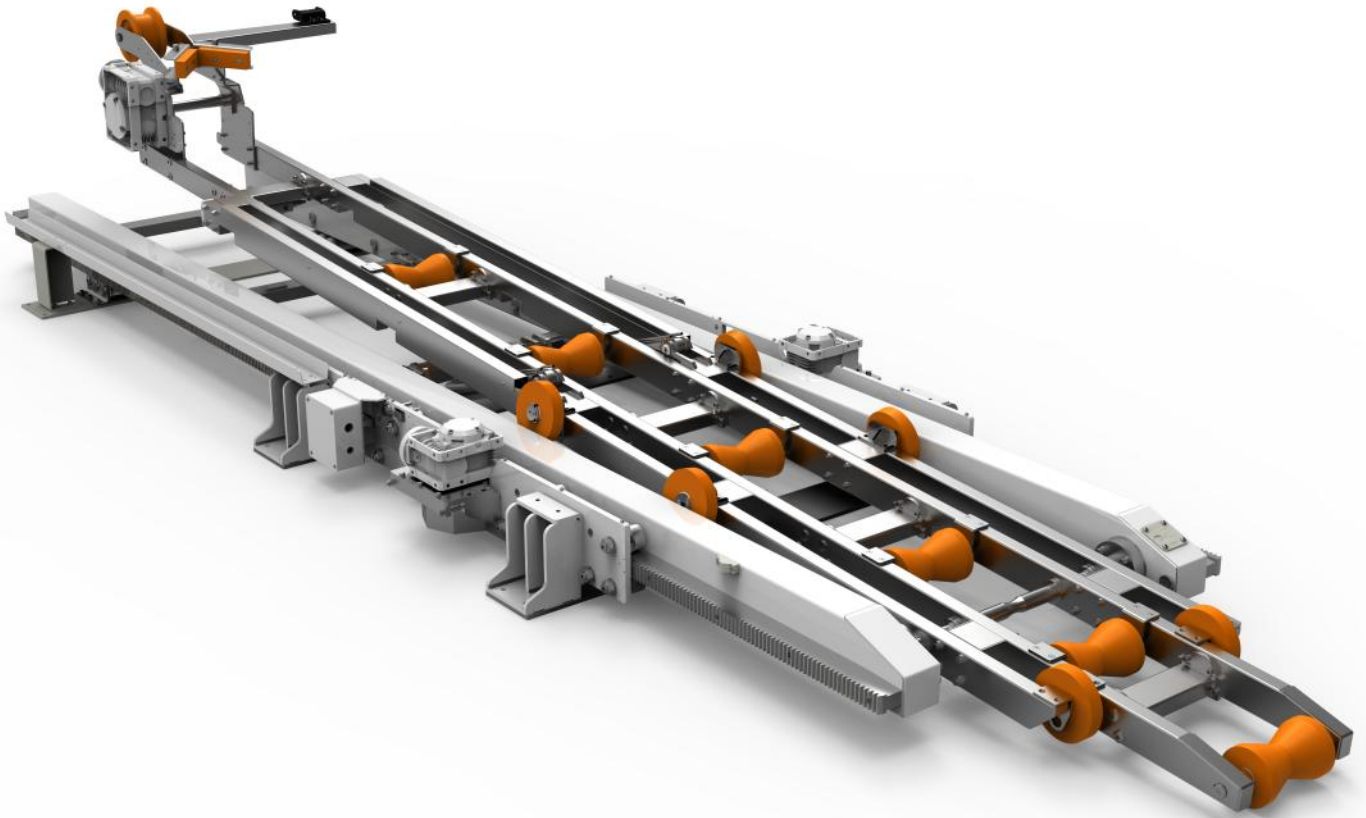
Multiple stages allow the hauling by the simple press of a button on the heavy duty remote control or on the touch screen integrated in the garage.

Every stage is powered by hydraulic or electric motors acting on cogwheels or cylinders without and contact with the teak surface, keeping suspended in the air the tender and the jet ski, overpassing the open garage door until the waterline is reached, sliding gently in the water the toys.

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Standard features:

- High quality custom materials
- Corrosion prevention
- Minimum maintenance required
- Totally integrated with garage doors panel, super easy to use
- Multi user Siemens touch panel and heavy duty waterproof remote control
- Non scratching , custom shaped long life rollers
- Recovering winch integrated on the sledge with Dyneema Spektra high resistance nautical line



Overhead cranes / Travel lift

When a floor based system isn't practicable or the garage is converted into a beach club the overhead cranes are the best solution.

This is why Calistri overhead cranes offer the best ratio on the market joining the minimum flexion under load within reduced volumes. Every unit is built using high resistance and tensile strong steel, and are moved by a combination of different system to guarantee precise positioning m easy control and maximum safety.

Calistri carefully studies the interfaces with the yacht structure to unload all the forces on a wide surface in a constant and uniform way so that reliability isn't at stake even in the worst sea conditions and when loads are close to the SWL.

Travel lifts might be furthermore customized by applying so called "flags" appendixes to haul more toys using the same main system. Every system is fully integrated with the PLC logic for a complete easy management of the garage.

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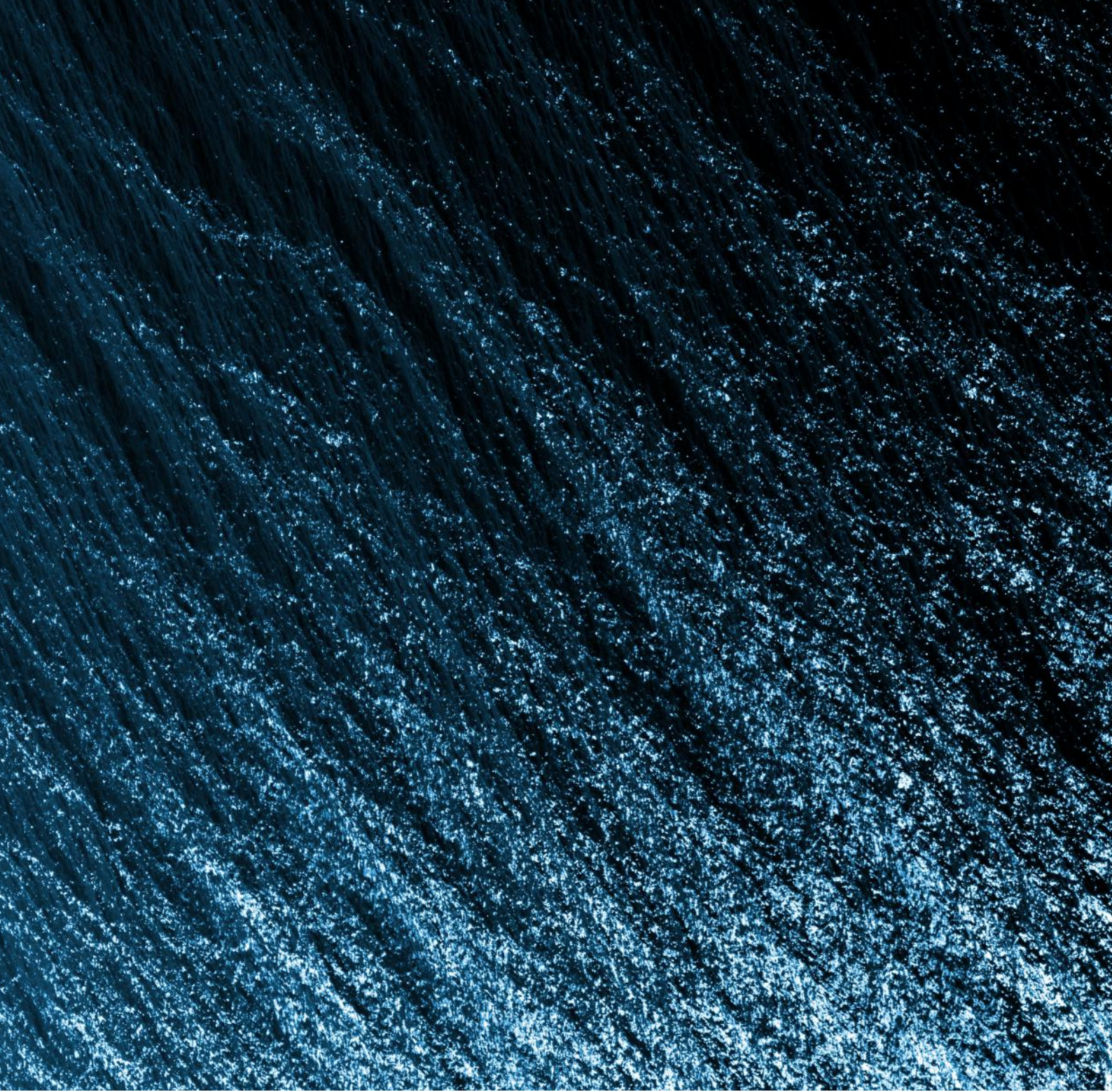
Standard features:

- From 1000kg to 3000kg SWL
- Hydraulic power
- PLC controlled with touch screen controls
- High resistance Dyneema Spektra nautical line.
- C5M finishing epoxy enamel
- Completely customizable



Premium partners





Calistri Giacinto snc

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