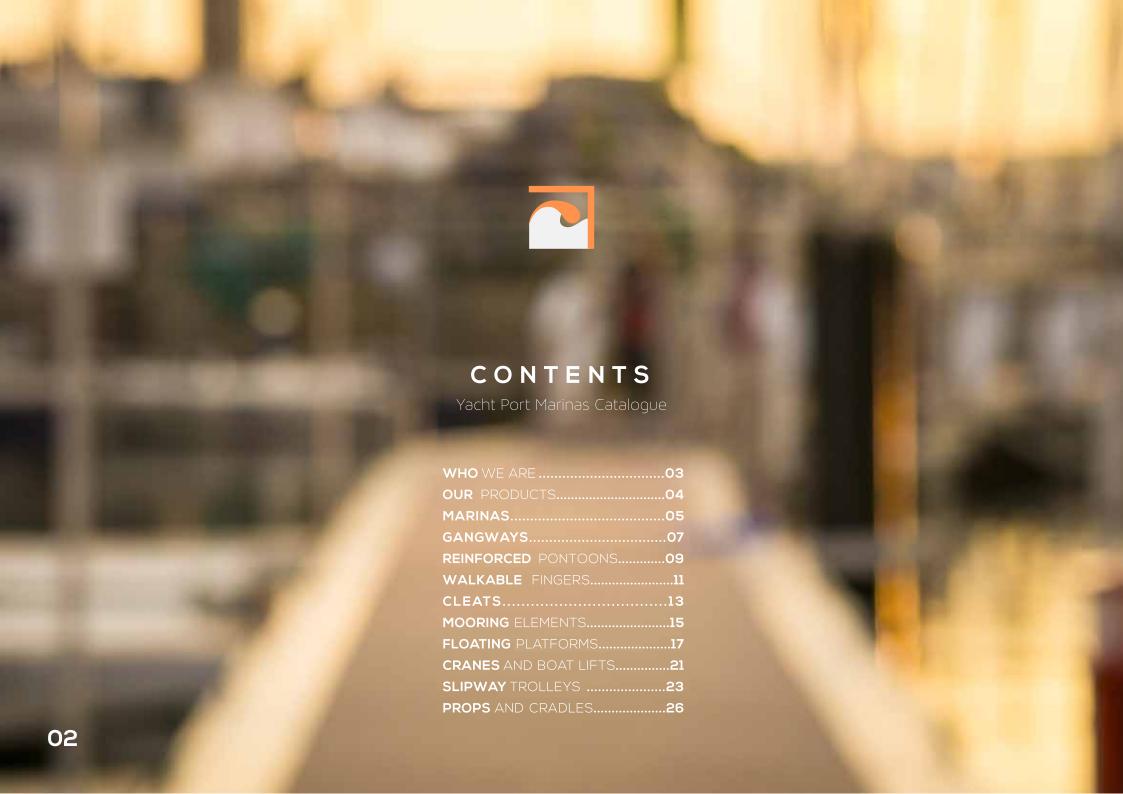




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OUR PRODUCTS

MARINAS / BOAT YARDS / PROMENADES / INFRASTRUCTURES / FLOATING PLATFORMS

MARINAS

(Fishing and leisure premises)

Our wide range of products and the different cutting-edge solutions we incorporate in our projects encourage us to work with the aim of being the reference model in this sector.

BOAT YARDS

We offer functional and innovative solutions, including integral projects for refurbishments or a new construction of your boat yard. We build custom-made equipment for boat yards management (boat lifts, transporters, cradles, dry docks...)

INFRASTRUCTURES

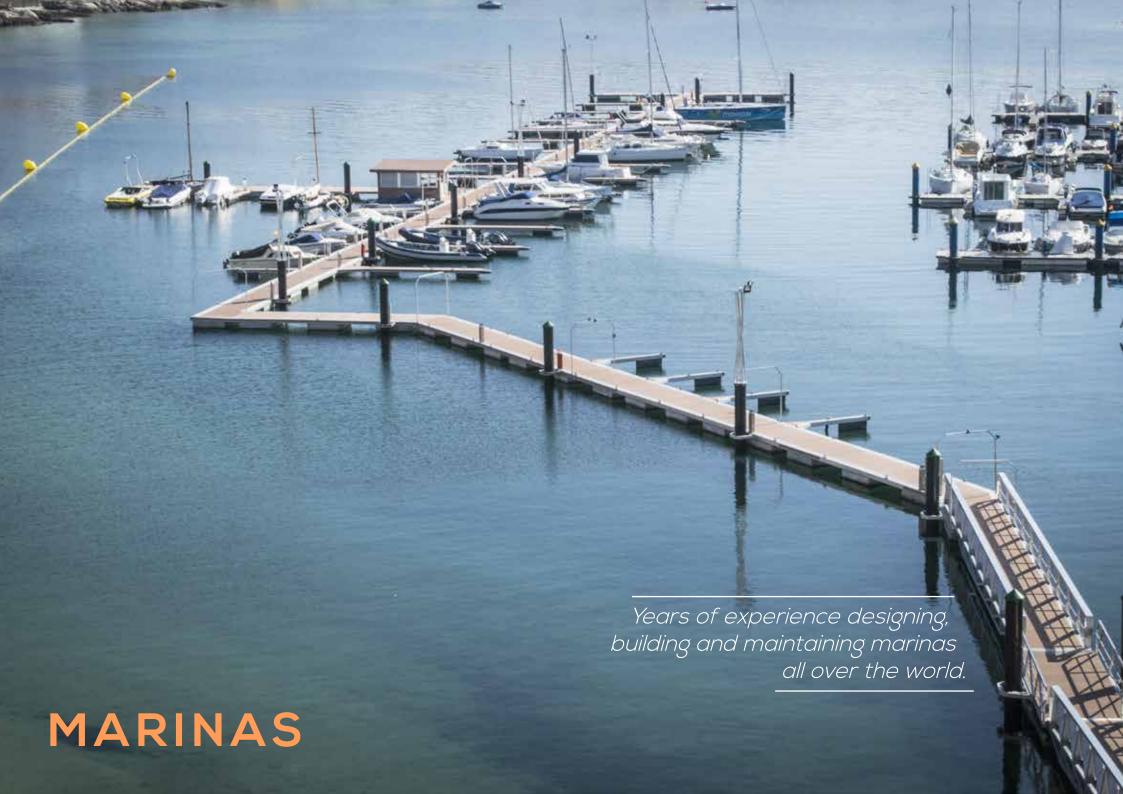
(Beaches, sanitation and leisure Areas)
We provide equipment and services for i
nfrastructures on beaches, swimming areas
along rivers, lakes or reservoirs, or water-sports
areas, to attain licences, quality or
environmental certifications (Blue Flag, ISO
14000, Q).

We develop projects to build facilities from zero or to refurbish existing ones, incorporating equipment to improve several services: parking areas, entrances, toilets, floating structures, areas for kids or for leisure and health activities, accessibility, information and safety elements.

FLOATING PLATFORMS

We design and manufacture floating structures for agriculture, industry or services, like faucets for irrigation areas, platforms for waste removal, stages, swimming pools or floating floorings.

MARITIME AND FLUVIAL PROMENADES
Promenades built on stilts or floating ones, along the coast or riverside. Being accessible even by vehicles, they allow enjoying areas that are not usually reachable by other means.
We develop projects and build structures that allow overcoming the different heights of the terrain in coastal or fluvial areas, making possible a safe access to public use areas.



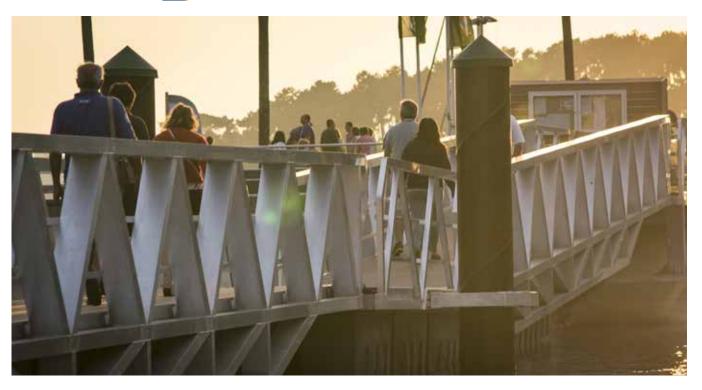


MARINAS

FISHING AND LEISURE PREMISES

Our wide range of products and the different cutting-edge solutions we incorporate in our projects encourage us to work with the aim of being the reference model in this sector.

We design projects to build pontoons for recreational or fishing boats, from small infrastructures like boat yards, slipways, mooring elements with buoys... to complete premises or marinas with all the necessary services for vessels of any length. We also make studies, without any obligation, on how to optimize the present premises to improve them with new spaces or services.





BOAT YARDS

We offer functional and innovative solutions, including integral projects for refurbishments or a new construction of your boat yard. We build custom-made equipment for boat yards management (boat lifts, transporters, cradles, dry docks...).

We also offer our clients the expertise of our technical department for the design and development of the premises and equipment that better suits the requirements of their project, as well as for the remodelling and refurbishing of the present premises, to improve their use of resources and the output of the facilities.

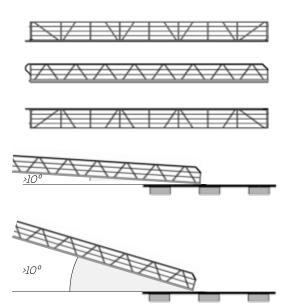




GANGWAYS

GANGWAYS

Our gangways have a structure which is composed of different profiles of aluminium alloy (6005 A T6), specific for marine environments. At the leisure port Juan Carlos I, one of our biggest achievements can be found, a gangway of more than 40 meters of length, which fulfils the essential requirement for disabled people: always having slope lower than 10 degrees, regardless of the tides. The gangways are locked to the docks by means of mechanical or chemical bolts (epoxy resin without styrene) We also offer the possibility of building nonstandard gangways, either articulated or fixed.



TECHNICAL DETAILS

Dock fastening system:

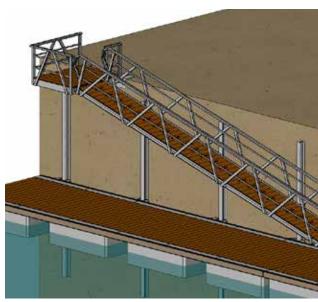
- articulated (shafts)
- fixed (bridge kind)
- portico (chains)

Pontoon support system:

- articulated (shafts)
- sliding (rollers and tread)

Recycled wood plastic composit (MaderTech kind)









PONTOONS

REINFORCED ALUMINIUM PONTOONS

Our reinforced aluminium pontoon modules are composed of different profiles, with a matrix exclusive to YPMarinas, manufactured of aluminium alloy (6005 A T6), which is specific for marine environments.

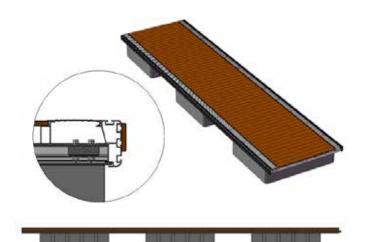
The modules are joined by means of elastomeric dowels, with a steel mesh core, and stainless steel fasteners. We also offer the possibility to build nonstandard modules, like in angles or even customized for each client, either with or without allocation for piping.



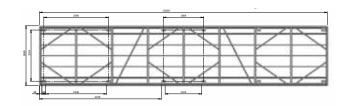
Our concrete pontoons have been designed by specialists with extensive experience both in hydrodynamics and concrete structures. We offer the possibility to manufacture custom–made pontoons, according to the project and our client demands.

They are built in a wide range with the purpose of adapting to the most demanding working conditions.

Custom-made pieces can also be manufactured upon request, for special configurations of our clients (angles...). They are also accessible by vehicles.







ACCESSORIES

- Cable conduits (D125mm)
- Protections (plastic or wood)
- Roof (composite or wood)
- Trails for fastening
- Customized colour

DADOS TÉCNICOS

• Concrete: HA400

• Core: EPS 15kg/m3

- Reinforced with synthetic fibres
- 100% galvanized steel frame
- Freeboard: several options (50-100cm)







FINGERS

WAI KABI F FINGERS

The walkable aluminium fingers have a structure composed of different profiles of aluminium alloy (6005 A T6), which is specific for marine environments.

Our fingers are finished with a polyethylene corner, which has been specially designed to absorb the vessel impacts. They can be also attached to the pontoons by means of elastomeric dowels, with a steel mesh core, and stainless steel fasteners.

Fingers can be built upon request with or without floor compartments, and we can also manufacture nonstandard elements for them.







TECHNICAL DETAILS

Main profile:

Buoyancy

- Polyethylene: one block structure, with high resistance. Possibility to choose between
 - Floats core: Expanded polystyrene density 15 kg/m3
 - Floor thickness 22mn
 - Recycled wood plastic composite
 - (MaderTech kind

Protection: tropical wood polyethylene, EVA

DRAWER

Our Fingers allow the placements of a practical system of compartments to store different items such as hoses and cables. Offering more useful and organized space for users. This option also saves time and facilitates the work of the marina maintenance team.

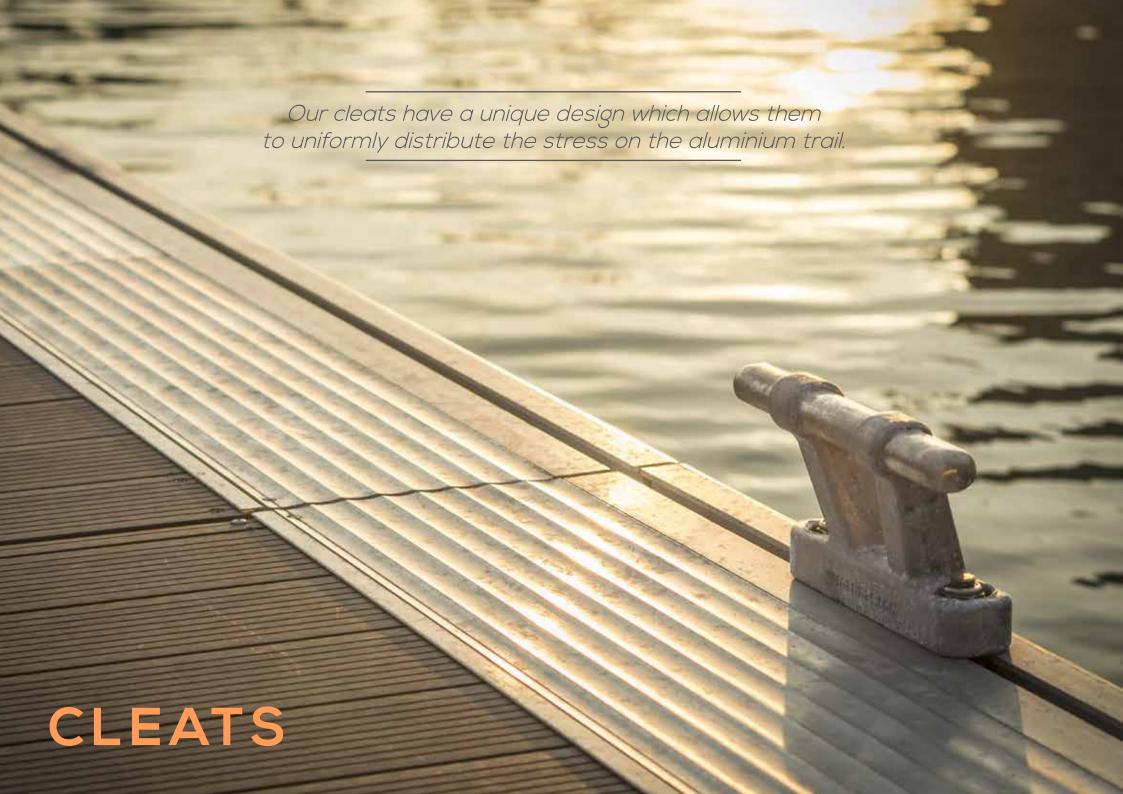


PORTABLE CRANE FOR DISABLED PEOPLE

Model YPM-GD120 aid for disabled people, to embark and disembark the boat. Max capacity 120 kg Weight 65 kg Power 285 W

The crane for disabled people is light and portable, and it can be operated by just one person.







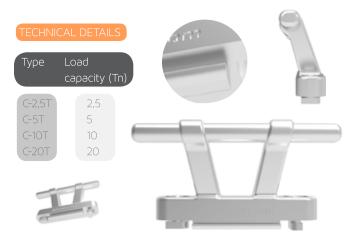
CLEATS AND SERVICES MODULES

ALUMINIUM ALLOY CLEATS

Our cleats are forged in aluminium alloy (L2653-60), specific for marine environment, and with stainless steel fasteners, which are hidden to avoid wearing out the material by friction.

The cleats have a unique design which allows them to uniformly distribute the stress on the aluminium trail. Their improved design also makes mooring easier.

They can be also have a logo upon request.





SERVICE MODULES

Dimensions: total height 1 m, section 240x175 mm.

Aluminium inner structure with a thickness of 4 mm

It provides an amount of protection of electrical elements according to the strict IP-67 water-tightness standard.

The base is made of aluminium with a thickness of 8 mm.

The cabinet is made of steel and high density polyethylene, and it offers radiation resistance, thermal and electrical insulation, an excellent structural resistance and a unique finishing touch: glossy, matte, any colour or texture, natural or imitation effects, or even other materials

Polyester beacon with methacrylate viewer Stainless steel fastening Water system in stainless piping, with two ball valve taps and stainless steel handle

Model modt1lo Guadiana-1 00 is a standard cabinet which offers different services depending on the requirements and client needs: power outlets, electricity meters, satellite TV and phone jacks...

1 beacon with low energy light bulb Electrical borne 35 mm2 2 water taps with valves and stainless handle.

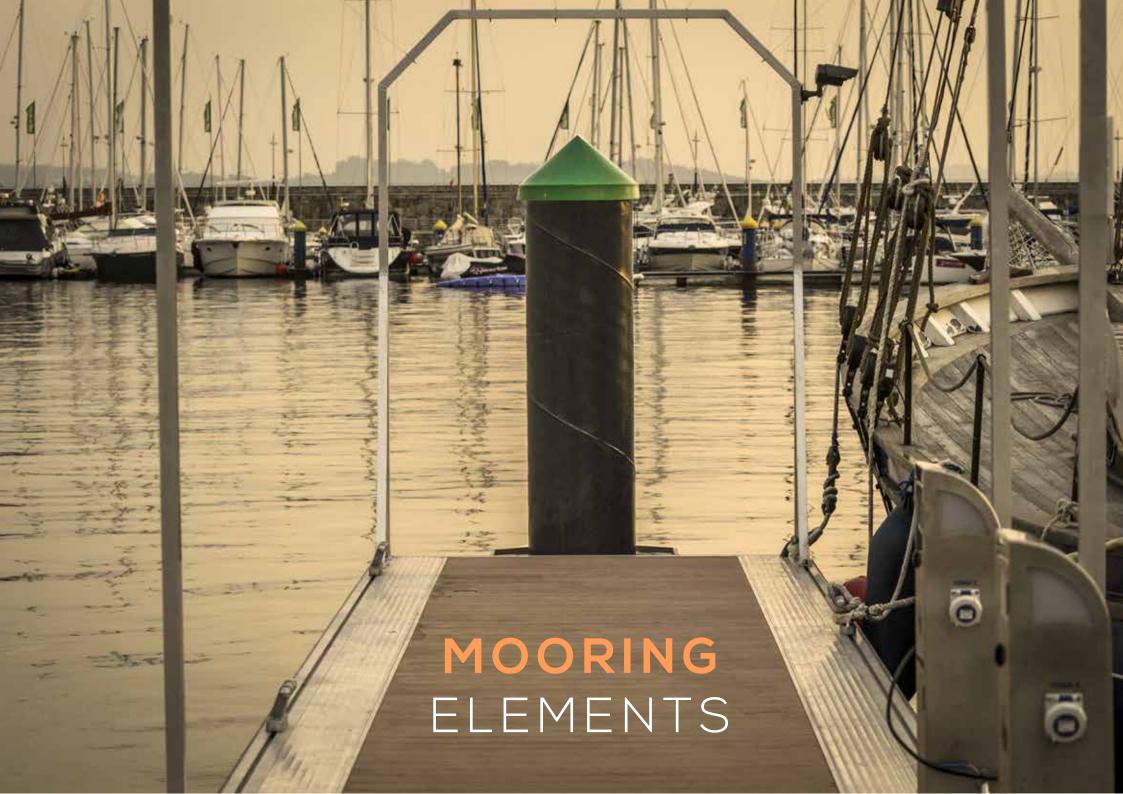
EMERGENCY EXTINGUISHER

Dimensions: height 930 mm Section: 230 x 180 mm. 6Kg Lifebuoy 38 meters of floating rope Beacon 10 W

Without any doubt, the emergency service is essential for leisure ports









MOORING ELEMENTS

MOORING ELEMENTS FOR MARINAS

ANCHOR PILES



Structure composed of different profiles of aluminium alloy (6005 A T6), which is specific for marine environments.

Rubber rollers with antifriction and self-lubricated nylon core.

Frontal fastening to the main profile, freeing the upper part of the pontoon of anaesthetic and uncomfortable fastening plates.

Manufacturing of reinforced and customized rings upon request

Frontal fastening, freeing the upper part of the pontoon



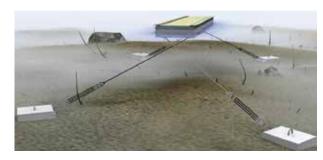


TECHNICAL DETAILS

PILE:

 Metallic, with a blasting treatment on the outside and protected with an epoxy resin primer.

SEAFLEX MOORING SYSTEM



SEAFLEX is an elastic mooring system that allows flexible and safe mooring, which does not affect the sea bed and requires very low regular maintenance. The progressive elongation enables a smooth dampening effect, adjusting itself with the water level fluctuations. The amount of rubber hawsers and their length depend on the forces taking place: water level variations, wind, waves, currents and depths.

SEAFLEX 1 or 2 rubber hawsers Standard model for small jetties and buoys.



SEAFLEX 3, 4 or 5 rubber hawsers - Model for small pontoons



SEAFLEX 6, 8 or 10 rubber hawsers – Standard model for large pontoons



SEAFLEX BY-PASS - Model for extreme conditions

HELIX ANCHORING SYSTEM



to be used as permanent anchorage, and it is also recoverable. The fastening strength is greater than traditional mooring with concrete blocks or anchors. Even in short anchoring, necessary for overpopulated bays, they keep the fastening strength.

They stay in their initial position and they do not damage the sea bed as there is no dragging. The system has been tested in extreme weather conditions, and it has proven completely reliable.









FLOATING PLATFORMS

FLOATING PREMISES FOR DIFFERENT APPLICATIONS

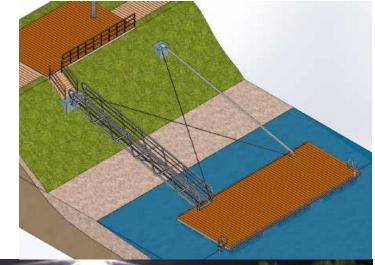
FLOATING PREMISES

We design and manufacture floating structures for agriculture, industry or services, like faucets for irrigation areas, platforms for waste removal, stages, swimming pools or floating flooring. Our wide experience offering solutions for fluvial or maritime premises allows us to provide our clients with the expertise to design and manufacture floating premises of any kind and for any use, with all the necessary functional and security element, as well as aesthetic finishing or materials upon request.

MARITIME AND FLUVIAL PROMENADES

Promenades built on stilts or floating ones, along the coast or riverside. Being accessible even by vehicles, they allow enjoying areas that are not usually reachable by other means.

We develop projects and build structures that allow overcoming the different heights of the terrain in coastal or fluvial areas, making possible a safe access to public use areas. We also offer topographic reports, even with 3D height maps, so that the design is adapted to the terrain, minimizing the environmental impact.











YPM-G1/10T

CRANES AND BOAT LIFTS

SINGLE HOIST CRANE

CRANE WITHOUT COUNTERWEIGHT

TECHNICAL FEATURES:

- 360° turn
- IP 66 protection
- An elevation hoist (brand SWF), with selective working manoeuvre
- · Remote control over cable or radio
- Manufactured in steel, according to the CE regulations for elevation machinery
- Movement of hoist along the crane boom
- Structure that fits with ease in any project for ports
- Useful height between the floor and horizontal boom is optimized
- Maximum lifting height thanks to the structure of the horizontal boom inside the crane framework axis
- High quality at a low cost





• Thanks to the length adjustment it is not necessary to balance the vessel with respect to its centre of gravity, thus avoiding the vessel movements as well as hull damage

TECHNICAL FEATURES:

working manoeuvre

• 4 elevation hoists (brand SWF), with selective

· Movement of hoists to adjust distance between

· Manufactured in steel, according to the CE

Remote control over cable or radio

regulation for elevation machinery

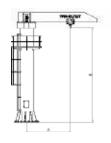
· Steel frame

slings (length)

IP 66 protection

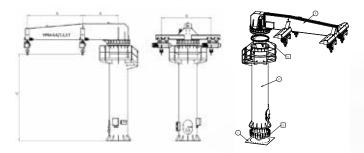
• 360° turn

- Maximum control and security of the load, thanks to the 4 lifting levels which are independently controlled, offering the highest control over the vessel by means of its 4 hoists
- Operational ease and safety, which optimizes the vessels lifting time (up to a 40%), reducing the docking costs.
- \bullet IT CAN BE USED UNDER ADVERSE CONDITIONS, INCLUDING WIND, AS THE VESSEL IS SECURELY HOLD AT THE 4 LIFTING LEVELS















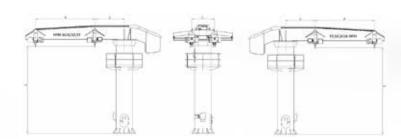
CRANE WITH COUNTERWEIGHT

CARACTERÍSTICAS TÉCNICAS:

- 360° turn
- 4 elevation hoists (brand SWF), with selective working manoeuvre
- Remote control over cable or radio
- Designed and manufactured according to the CE regulations for elevation machinery
- IP 66 protection



- The 4 hoists with selective manoeuvre allow the adjustment of the vessel tilt, avoiding undesired movements and damages against masts, shrouds...
- Thanks to the length adjustment it is not necessary to balance the vessel with respect to its centre of gravity, thus avoiding the vessel movements as well as hull damage, and increasing the lifting manoeuvre speed
- Maximum lifting height thanks to the structure of the horizontal boom inside the crane framework axis
- The lifting time needed is reduced up to a 40% thanks to its operational ease.
- USEFUL HEIGHT BETWEEN THE FLOOR AND HORIZONTAL BOOM IS OPTIMIZED





SLIPWAY TROLLEYS

SELFPROPELLED

Their solid structure can be adapted to several kind of vessels, from motorboats to sailing boats.

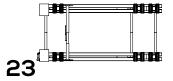
Its U shape design allows to include our docking props in total safety and comfort.

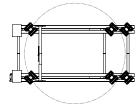


SUBMERSIBLE

Their solid structure can be adapted to several kind of vessels, from motorboats to sailing boats. Its U shape design allows to include our docking props in total safety and comfort. Thanks to the use of slings it makes easier to load or unload vessels, give a complete control and security over the load, with 4 or more independent lifting spots

| Model | Load capacity (Tn) | Max length | Sling num. | Speed I (Km/h) | Max surmountable slope |
|----------|-----------------------|---------------|---------------|-------------------|------------------------|
| CS/15T | 15 | 14 | 2 | | |
| CS/25T | 25 | 18 | 2 | 10 | 12% |
| CS/50T | 50 | 22 | 3 | 10 | 1270 |
| CS/75T / | 75 | 25 | 3 | | |
| | | | | | |





Possibility to pivot around the centre, as well as lateral crab walk



GANTRY CRANE - TRAVEL FIT

Its U shape design allows loading and unloading vessels over cradles, in total safety and comfort.

Transit and manoeuvring areas are optimized, thanks to its 4 steering wheels, which allow turning in areas of limited space.

| Model | | Load capacity (Tr | Max inner n) height (m) | Min inner width (m) | Speed (Km/h) | Max surmountable slope |
|-------|---|----------------------|----------------------------|------------------------|-----------------|------------------------|
| P 25T | | 25 | 5.580 | 5.500 | | |
| P 40T | | 40 | 6.580 | 6.500 | | |
| P 50T | | 50 | 7.380 | 6.500 | | |
| P 60T | | 60 | 8.000 | 7.300 | 3 | 2% |
| P 100 | Γ | 100 | 9.000 | 8.500 | | |
| P 250 | T | 250 | 10.380 | 11.205 | | |
| | | | | | | |



NEGATIVE DROP

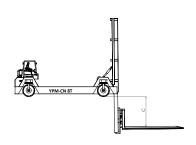
Its robust U shape design allows loading and unloading vessels over cradles, in total safety and comfort.

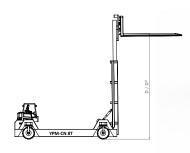
The negative drop allows to pick up vessels directly from the water. Also, once the forklift is holding the vessel, transit and manoeuvring areas are reduced, thanks to its 4 steering wheels, which allow turning in areas of limited space

| Modelo | |
|--------------------------|--|
| CN/5T CN/8T CN/12T | |

| Load capacity (Tn) | Max height (m) | Negative drop (m) | | Max surmountable slope |
|-----------------------|-------------------|----------------------|----|------------------------|
| 5 | 10.5 (7*) | | | |
| 8 | 12.5 (9*) | 4 | 10 | 2% |
| 12 | 15 (10.5*) | | | |

* Lifting height with maximum load.







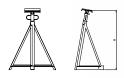


PROPS AND CRADLES

PROPS

The structure of our props is manufactured in S275JR steel, with a hot dip galvanized finishing. Its design combines a robust structure with a light frame, which allows a safe and comfortable vessel grounding.

| Model Load Max M capacity (Kg*) height (mm) height | in Angle : (mm) |
|--|--------------------|
| M-1K 1000 0.926 0.680 |) 80 |
| M-2K 2000 1.250 0.940 | 80 |
| M-4K 4000 1.445 1.145 | 80 |
| M-6K 6000 1.440 1.160 | 80 |
| M-8K 8000 1.525 1.200 | 80 |
| M-10K 10000 1.650 1.280 | 80 |
| V-1K 1000 1.400 9.40 | 80 |
| V-2K 2000 1.800 1.145 | 80 |
| V-4K 4000 1.920 1.200 | 80 |
| V-6K 6000 1.920 1.200 | 80 |
| V-8K 8000 2.010 1.280 | 80 |
| V-10K 10000 2.410 1.500 | 80 |







CRADLES

The structure of our cradles is manufactured in S275JR steel, with a hot dip galvanized finishing. Its design combines a robust structure with a light frame, which allows a safe and comfortable vessel grounding.

| Model | Load capacity (Kg*) | Max height (mm) | Min height (mm) | Angle | Width (min-max) (mm) |
|-------|------------------------|--------------------|--------------------|-------|-------------------------|
| R-2K | 2000 | 1945 | 1400 | 63-90 | 600-1900 |
| R-5K | 5000 | 2000 | 1450 | 63-90 | 650-1900 |
| R-8K | 8000 | 2050 | 1500 | 63-90 | 650-1965 |
| R-10K | 10000 | 2350 | 1700 | 63-90 | 850-2650 |

^{*} To select the appropriate prop, it has to be taken into consideration that the vessel has to rest its keel on the floor







YPMARINAS

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YACHT PORT MARINAS

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