

RONÁUTICA

MARINAS



MARINA TECHNOLOGIES INC.



PASSION
EXPERIENCE
INNOVATION

Marinas for life



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RONÁUTICA
MARINAS





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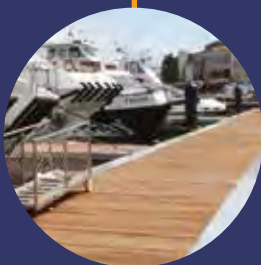
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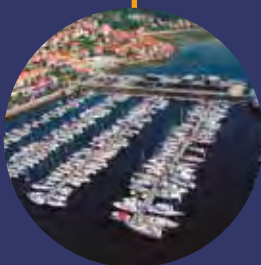
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1 *Presentation*



PASSION EXPERIENCE INNOVATION

Marinas for life

We are the first company in Spain, and one of the pioneers in Europe in developing floating pontoons and marina projects

MISSION, VISION AND VALUES

Our **commitment** is to build first class quality Marinas. Our **goal** is to be recognized because of the top level service and involvement we provide to our customers and the quality of our final product. We **believe** that companies are their employees, and the passion for the job, honesty and endeavor on the daily work of each one of the professional who works in Ronautica Marinas is reflected in the quality of the marinas that we build.

We have
 **32.300ft²**

Headquarter and main manufacturing plant for aluminium structures in **Spain**

We have
 **43.000ft²**

Second manufacturing plant for aluminium structures in **Canada**

We have
 **49.300ft²**

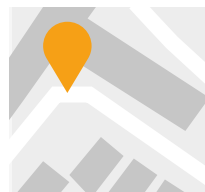
Precast Yard for concrete pontoons and breakwater manufacturing in **Spain**

From February
 **2020**

New Precast Yard facilities for concrete pontons manufacturing in **Florida, USA**

1989

Year of our first installation, RCN of **Vigo**, our home town.



Located in Tui, Galicia, we have our own production resources, and our own assembly procedure, with a consolidated collaboration with our suppliers and expertise to deal each kind of turnkey projects we execute.



The experience of Ronautica on the management of marinas, design and construction of sailing boats and services related to the marine industry, is part of the DNA and knowledge of Ronautica Marinas, identity signs which make us being different against other companies at the same sector.



Worldwide outreach

Strategic location for international maritime transport.

Production Centre for concrete pontoons and breakwaters in the port of Brens, A Coruña.

Innovation R+D+i

The ultimate goal of Ronautica Marinas R+D policy is necessarily innovation, understood as the successful introduction into the technologic market, processes or products developed during the previous phases of research and development

2003

**Creation of the
R+D+i
department**

85%

**The components that
compose the marinas
manufactured by Ronautica
Marinas have been developed
by the company itself**

R+D+i DEPARTMENT OBJECTIVES

- To carry out projects that allow us to improve technologically, as well as to develop technology related to our productive activity.
- To promote the training and motivation of our employees and the generation of ideas by work groups.
- To integrate R+D+i management in the remaining Quality and Environmental management systems.



The new concrete products range is the result of an R+D+i project during the years 2010-2014.

Experts in the design and manufacture of marinas according to the highest international standards.

14

**Countries in
which we have
already worked**

**Panama, Mexico, United
States, Ireland, Cyprus,
Portugal, Israel...**

Quality and environment

Our main objective is to be recognized internationally for the quality of our products and for the excellence in service and commitment to our customers.



We have implemented an Integrated Quality and Environmental Management System, according to the **UNE-EN ISO 9001:2015** and **UNE-EN-ISO 14001:2015** standards, based on the following principles:



Achieve the highest level of proficiency and ensure that all our products and services fulfill quality specifications.



Ensure that all activities carried out meet the maximum conditions of environmental protection and pollution prevention.



Provide a fast and reliable response in all aspects, from administrative to operational processes.



Promote training and motivation of all employees of the company.



Minimize the amount of waste generated and the use of resources.



Commit to constant improvement by defining actions to that purpose.



At Ronautica Marinas we believe in a **flexible and productive work culture that allows us to turn our work into a positive factor for our personal development.**

Since the year 2016 Ronautica Marinas has implemented in the company flexibility of labor schedule and teleworking to favor the conciliation of labor and personal life.

The objective is to improve the quality of life of the people who work in Ronáutica Marinas. Improving job satisfaction we increase the productivity and quality of our work.



Services

Put yourself in the hands of specialists to ensure that your project is technically feasible, adapted to the hydrodynamic conditions of the environment and designed to optimise your investment and last over time.



Design and engineering

Civil Engineering for the design of the marina, the shelter dykes, preliminary studies, bathymetries, dredging, drafting of basic and constructive projects.



Customized solutions

Each project is different and requires tailor-made solutions. These range from small piers to marinas with hundreds of moorings.



Turnkey installation

We are familiar with designing, manufacturing and assembling the marina as a whole. To simplify the building process to the promoter and unify under a **single contractor** all the development.



Maintenance and remodeling

Like any infrastructure, ports, marinas and piers need maintenance over time. Doing it the proper way **minimizes operating costs and extends the life of the marina.**



Project management

We offer Project Management services for the construction of your marina. Our team will be responsible for the project as a whole, coordinating the different works and providing added value as opposed to the mere supplier of products.



2 *Product range*



Pontoons

ALUMINIUM FLOATING PONTOONS



Standard series

Designed to ships 25 to 35 ft long, small jetties and lightweight installations.



Reinforced series

For boats 50 to 60 ft long. Main profiles and internal structure of props and crossbars reinforced to support higher efforts.



Serie RO4

For Megayachts, fishing, working and passengers boats. The RO4 Series has been designed to resist the most demanding conditions, without maintenance neither corrosion.

ALUMINIUM FIXED PONTOONS

To those marinas which prefer fixed pontoons in front of the floating ones, but do not want to drive up the investment with civil works, neither expensive precast concrete slabs.



CONCRETE PONTOON

Concrete pontoons are the highest level of strength and stability. Manufactured with reinforced concrete, expanded polystyrene core and reinforcement fibers.

Our 25 years of experience have taught us how to manufacture what we believe to be the best floating concrete pontoons on the market.



Breakwaters

CONCRETE FLOATING BREAKWATERS

Design and manufacture in-house. Tailor-made solutions for each location. Wave attenuation and mooring studies with chain, seaflex or piles made in-house. Flexible joints.



Fingers

CONCRETE FINGERS

Built in only one piece in lengths up to 70 ft including service channels, fenders and all related accessories to provide to the marina the mooring for vessels more functional and comfortable.



ALUMINUM FINGERS



Fingers with pile guide

For the large boats. Reinforced fingers from 5 ft up to 8 ft width, with pile guides at the end. Depending on the length, also with a second pile, internal, to do not interfere with the lateral mooring of the boat. .



Small finger arms

The cheapest solution for easy mooring the smallest boats and avoid the uncomfortable Med Moring System with chain and ropes.



Fingers without pile guide

Reinforced on the connection to the pontoon. Depending on the size of the boat and the configuration of the marina, it can be design up to 35 ft length without piles at the end. Widths from 1.3 ft up to 5 ft.

Access gangways

ARTICULATED ALUMINUM



Standard

Starting with simple access ramps for small jetties up to large reinforced walkways for the public transit and vehicles.



Reinforced

Made to measure designs to comply with the demanding overloads, lengths, geometries or special requirements.

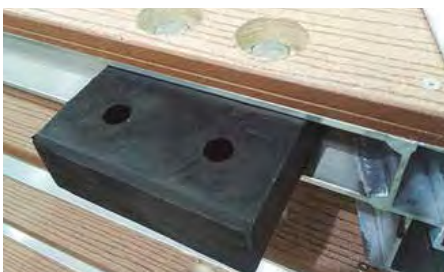
FIXED ALUMINUM WALKWAYS



Our exclusive ROS profile allows us to build fixed walkways that are unique on the market. Great resistance to vertical overload and all advantages of the aluminum against concrete and steel: price, lightness, versatility and simple assembly, even at remote places. From small walkways to bridges up to 23 ft width.

Accessories

CONNECTION SETS



Aluminum serie

Elastomer blocks reinforced with Kevlar. Single, double or triple according to type of pontoons and fingers. From 6,500 kg to 35,500 kg breaking load.



Concrete breakwater serie

Stainless steel wires and elastomer blocks for the most solid and versatile junction sets on the market. Two, three and up to four wires per junction box. 95 kN breaking load per wire.



Concrete pontoons serie

Rigid connections with elastomer blocks and plugs or flexible connections with steel wires depending on the application and mooring system used. 45 kN breaking load per bolt. 95 kN breaking load per wire.

PILE GUIDES



Aluminium pontoon rings made of aluminium and galvanised steel for concrete pontoons. Internal and external. With rollers or fenders. Complete range.

CLEATS



From 4,500 kg breaking load to more than 20,000 kg. Cleats, bitts and bollards. For small boats or Megayachts. In cast aluminium and steel. For aluminium and concrete pontoons. Customizable with your marina logo.

FENDERS



We have different materials and prices to fit the requirements of each budget and type of boat: PVC, EVA, Composite.

PAVEMENT



Rot-proof tropical hardwood, technical composite imitation wood, GRP tramex, aluminum, non-slip concrete. Guaranteed durability.

ANCHORING SYSTEMS



Driving of steel piles with own equipment and staff. SEAFLEX, chain, HEB beams, connecting rods. We design and install the anchoring system for your marina.

SERVICE PEDESTALS



We work with the leading international manufacturers in the industry to offer you the best options available. Including electrical design and approvals. Also grey water, waste water and fire stations.

FLOATS



Rotomolded Polyethylene
After 25 years of experience we are able to offer the best rotomolded floats on the market. Different measures to adapt to all applications. Up to 10 years warranty.



Concrete Floats
The combination of aluminum pontoons with concrete floats will allow you to obtain the best of each technology: the versatility of aluminum and the strength and stability of concrete. Improve your marina at a reasonable price.

ADDITIONAL FURNITURE



Bathing ladders, benches, recycling containers, lights. Furniture and accessories in aluminum and stainless steel to provide your floating pontoons with all services.

3 *Applications*



Marinas

Yachts Clubs, Private Marinas or Resort. Motor boats, sailboats or Megayachts. We design and build marinas with the highest international quality standards. Turnkey Projects. Rely on a specialist.



We work with promoters to leverage their investment by optimizing the design. Complete product range

Designed for boats up to

200'



Fishing and passenger ports

The strength of our pontoons makes them suitable for all types of professional activities.



125 psf

Maximum use
overload



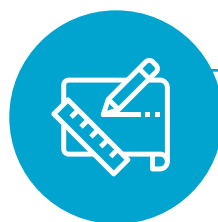
Designed for
boats up to

100 ft



Private docks

Inland water in lakes, rivers or reservoirs. Temporary facilities for hotels and beaches. Small jetties for private use.



Custom designs



Jetties integrated in
private resorts



Special installations

Floating pedestrian walkways, hard-to-reach jetties, viewpoints, aquaculture facilities... In Ronáutica Marinas we are specialized in designing and executing singular projects.



Riverside
conditioning



River stops



Platforms for shows



Sports events

The elite competitions and the events organization are part of the highly qualitative world of Ronáutica Marinas. We make pontoons for rent, platforms for shows and private pontoons that allow the public to enjoy the water surfaces in complete safety.



Facilities for America's Cup, Volvo Ocean Race, Soltaire du Figaro...



Regatta pitches for rowing and canoeing



4 *Relevant projects*



TURKISH REPUBLIC
NORTH OF CYPRUS

Karpaz Gate Marina



Awarded with the highest qualification at the standard Gold Anchor for its installations and services, it was the first modern marina executed in the north of Cyprus. Ready to receive ships up to 180 ft, it has a dry-dock, shopping area, hotel and customs free-zone.



WINNER
INTERNATIONAL
MARINA OF THE YEAR 2017

TECHNICAL ASPECTS

Year of installation:

2011

Docks:

2850 ft Aluminum pontoons 10 ft width.

Mooring system:

Med mooring system for big boats, fingers for small boats.

Capacity:

296 slips.

Anchoring system:

54 steel piles 20 inch and 16 inch diameter.

Boat size:

26 ft up to 130 ft.

PONTEVEDRA
SPAIN

Marina Combarro



Marina Awarded with 2012 PIANC prize Marina Excellence Design Jack Nichol Award.

Using the words of the jury: Combarro Marina was ranked highest as a facility that is safe and easy for boaters to use, well-designed, attractive and appealing to boaters, and utilizes materials and construction methods that are environmentally friendly and minimize impacts on the environment.

The design of Combarro Marina reflects not only the needs of the boaters it serves, but the surrounding community and environment. Thus, the Recreational Navigation Commission awards the 2012 Marina Excellence.

TECHNICAL ASPECTS

Year of installation:

2007

Docks:

525 ft concrete breakwater 13 ft width.

2854 ft aluminum pontoons with concrete and polyethylene floats.

Capacity:

310 boats

Anchoring system:

Seaflex on the floating breakwater, Piles for floating pontoons.

Boat size:

25 ft up to 65 ft.



**Marina
Excellence
Design
Jack Nichol
Award**

VIGO
SPAIN

Marina Davila Sport



Marina reference in North of Spain for Megayachts. Inaugurated for the Volvo Ocean Race 2005. Pontoons inside the 828.500 ft² of water surface are made of reinforced aluminum with concrete and polyester floats with two different freeboards depending on the length of the boat.

Entry to the marina is protected with 1.050 ft² of floating concrete breakwater 14 ft width. the marina includes first class services for users including dry storage, repair area, restaurant, dive school, CCTV, control access and all the utilities for being one of the best marinas in Spain.

TECHNICAL ASPECTS

Year of installation:

2005

Docks:

1050 ft Concrete Breakwater 14 ft width.

5225 ft aluminum pontoons.

850 ft of fingers. Concrete and polyethylene floats.

Capacity:

150 boats

Anchoring system:

Seaflex on the floating breakwater, files up to 32 inch diameter and 105 ft long for floating pontoons.

Boat size:

40 ft to 260 ft.

PEDRO GONZALEZ ISLAND
PANAMA

Pearl Island Marina



Located only a few miles off-shore south of Panama City.

Pedro Gonzalez is the third largest island in the Pearl Islands archipelago in the Pacific sector of Panama. In its more than 400 hectares, this paradise has 14 pristine beaches, and pristine water that is the playground of humpback whales, dolphins and sea turtles.

The private marina offers 45 berths for yachting and sailing enthusiasts in the initial phase of development. 24 h services, bar, terrace, restaurant, transportation to/from residences, storage for kayaks, paddle board, jet ski, convenience store...

First Class Marina exclusive for residents in the private island.

TECHNICAL ASPECTS

Year of installation:

2014

Docks:

Aluminum pontoons and fingers.

Fixed walkways:

325 ft x 13 ft width + 160 ft x 10 ft width + fixed platform for restaurants

Capacity:

45 boats in phase I

Anchoring system:

Piles 16, 20 and 22 inch diameter.

Boat size:

40'-up to 250 feet

PANAMA CITY

PANAMA

La playita de Amador



Pontoons for the second phase expansion of this Boutique Marina. Located in the nautical area of the Costway, it is rated as the best marina of Panama City in terms of quality of the floating docks and personalized care to the clients.

Concrete pontoons made in Spain and shipped to Panama.

Execution time: 8 months.

TECHNICAL ASPECTS

Year of installation:

2015

Docks:

Concrete pontoons 10 ft width. Concrete fingers 6 ft width, 50 ft - 70 ft long, produced in one piece.

Capacity:

40 boats

Anchoring system:

Steel Piles 16, 20 and 22 inch diameter.

Boat size:

50'-up to 120 feet

CAMPECHE
MEXICO

Campeche Country Club



Finished in April 2016 within a spectacular real estate complex that includes, in addition to the marina, a golf course, tennis courts, soccer field, 443 lots, hospital, commercial area and private beach.
Time of execution: 5 months.

TECHNICAL ASPECTS

Year of installation:

2016

Docks:

1310 ft aluminum pontoons with polyethylene floats. Fingers 20 ft to 60 ft long. 1949 ft² of fixed platform at the entrance. 60 jet-ski floating platforms.

Anchoring system:

Steel piles, diameter 22 and 16 inch.

Capacity:

90 boats, 60 jet-ski

Anchoring system:

54 steel piles 8 and 18 inch diameter.

Boat size:

From 24' up to 60'

PANAMÁ CITY
PANAMÁ

Ocean Reef Marina & Yacht Club



An international destination for luxurious yachts.

Ocean Reef Islands Marina will be a Residential Marina limiting transient vessels and short-term rentals. Ocean Reef residents will have priority over non-residents..

The access to the marina is independent of the entry to Ocean Reef Islands. It will be located in the same geographic position of islands' entry, in a basement where the slip owners will access the parking area and take an electric car to the marina. The perimeter car path to the marina will be 10 ft below the level of the home sites to preserve their privacy.

The Marina is currently on construction with a floating yacht club with private restaurant and bar. Exclusivity and Luxury have never been so obvious in any development. Ocean Reef residents are only those who enjoy the finer things in life, for them quality is not a desire, it is a reality. With this person in mind, Ocean Reef Islands have been created. Being a member of the Ocean Reef community is a privilege

TECHNICAL ISSUES

Year of installation:

May 2019- March 2020. On construction.

Docks:

Aluminium floating pontoons with Polythylene and concrete floats.

Main dock 16 ft wide.

Fingers up to 150 ft long 8 ft wide.

Fuel Dock.

Private Slips.

Capacity:

+200 slips from 40' to 200'

Anchory system:

150 steel piles, diameter 22 and 16 inch.

MIAMI
USA

EMG Jockey Club Marina



A boater's oasis in the heart of Biscayne Bay.

The much anticipated EMG Jockey Club Marina and Yacht Club is now under construction and embarking on a multimillion-dollar transformation. The custom-built, state-of-the-art marina will launch at The Jockey Club in Miami, Florida. With expansive views of Biscayne Bay, unimpeded passage to the Atlantic Ocean, and 51 luxury berths, the EMG Jockey Club Marina and Yacht Club will be an unparalleled yachting destination.

Upon its debut in 2020, the ultra-modern marina will accommodate 50 to 300-foot vessels with an average slip length of 72 feet. The beautifully-appointed Yacht Club will offer owners, guests and crew with an on-premise yacht master, concierge services, and access to the best in safety, security and comfort.

Featured Amenities Include:

24-Hr Security, On-premise Yacht Master, Concierge Services, Full Bar and Restaurant, Wireless Internet, Floating Docks, Parking Event Space.

TECHNICAL ISSUES

Year of installation:

2019 - 2020. On construction.

Docks:

Aluminium Fixed docks: 7ft 10inches wide. 390ft total berthing footage.

Aluminium Floating docks: Up to 9 feet wide. 2.920 ft total berthing footage.

Capacity:

50-60 boats

Boat size:

From 50' up to 300'

PASSION
EXPERIENCE
INNOVATION

Marinas for life





WWW.RONAUTICA.COM

(+34) 986 607 235 info@ronautica.com
2nd Fase Parque Empresarial de Areas - Parcels 1,2 and 3
36711 Areas - Tui (Spain)



DESIGN MANUFACTURING AND COMMERCIALIZATION
OF FLOATING STRUCTURES AND ACCESSORIES
FOR MARINAS AND FISHING HARBOURS

Central America and Caribbean

Tecnopuertos

📍 P.H. Torre Global, Calle 50 y Santo Domingo,
Piso 13. Oficina 1306. Panamá City.

Panamá.

👤 Contact: Iván Mesa Dupont

📞 +507 610 38662

✉ ivan@tecnopuertos.com

Ireland and U.K.

Mc Niven Marine

📍 Oulart, Gorey, Co. Wexford. Ireland

👤 Contact: Ross Mc Niven

📞 +353 866 050 870

✉ ross@mcnivenmarine.ie

🏠 www.mcnivenmarine.ie

United States of America

Ronáutica Marinas Corporate, EMG-USA LLC

📍 1983 PGA Blvd, Suit 1002.
Palm Beach Gardens, FL, USA

👤 Contact: George Spiroulas

📞 +1 514 585 8362

✉ george@emgronauticausa.com

🏠 www.emgmarinas.com