MARINE FRONTIERS Strives to Supply most cost effective and reliable solution to waterfronts around the world with very best of marina equipment and services complying to international standards at most competitive prices.

MARINAS

Our experienced designers, with their thorough background in boat building and Marina construction provide clients the most suitable designs, accurate calculation and recommendations for floating marina installations world wide with sizeable experience in the Middle East, Africa, Asia, India, Europe and Australia.

Our Marinas are designed, manufactured and installed using the Australian Standard for Marina Construction AS 3962 and are built from marine grade aluminium alloy construction with timber or composite decking, reinforced concrete and or polyurea composites.

Specialized in Marina Technology
Concrete

Concrete encapsulated polystyrene core floatation pontoons & structures for heavy duty applications. These units can be concrete finish deck or clad with composite decking, timber or decorative tiles & matting to suit any application. Being modular these pontoons can be assembled to create large platforms for events, barge type service base, accommodation bases, breakwaters, etc.

Aluminium Gangways

Warren Truss system designed and built for multi purpose use. Marine Grade 6082 alloy corrosion resistant with stainless steel pivots and high density nylon rollers. Fitted with composite or hardwood decking.

From 5 to 20 meters in standard design with large options available up to 40 meters.

Live load capacity 3 to 5 KN/m²
Deflection L/180 - L/300 Max
Standards BS 6349/AS/NZS1664

Services offered include annual preventive maintenance programs
Polyurea

Floating Marinas comprise a practical design for a float module that can be assembled together with other modules to construct a floating structure that is suitable for a marina or for simple use as a dock or docking platform. The pontoon has the advantages of durability, with minimal efforts and low maintenance costs. The basic float module consists of a foam pontoon that is bolted to a marine grade aluminium deck using stainless steel fasteners. The foam pontoon is an expanded polystyrene blank that is used in rectangular block form or trimmed and configured for a particular use then coated with non permeable elastomers.
Aluminium modular pontoon system offers flexible and adjustable design with inbuilt fastening systems and trunking for services.

This system offers the total solution for long life and easily installed marinas that can be added and changed throughout their life. Adjustable float modules in either elastomer or concrete encapsulated polystyrene provide excellent stability and through life service.

“Configured to any size to suit any application”
**Applications**
- Small to medium craft harbours
- Berthing boats up to 150 ft
- Design to withstand moderate storms / cyclones and impacts.

**Structure**
- Maine grade Aluminium alloy 6082 T5 / T6

**Floats**
- Elastomer encapsulated polystyrene cone.
- Concrete encapsulated polystyrene cone.

**Mooring**
- Marine Frontiers designed cleats & bollards

**Pile Caps**
Manufactured from GRP in one piece to snugly fit over the steel piles.

**Fenders**
Composite wood/PVC / EPDM
Non marking & Rubber D Section

**Connectors**
Marine Frontiers designed noise free connectors

**Anchoring Systems**
- Piles and Pile Guides
- Manta Ray Helical anchor
- Concrete Block with chain / cable
- Sea Flex anchoring
- Hazelett Rodes

**Decking**
Marine Frontiers Decking systems are robust long lift, anti-slip, easy to replace and can be applied from choice of:
- Hardwood kiln dried timber
- Composite
- Concrete
Construction
- Aluminum and steel Construction Truss Framed Structures, Floating & piled
- Decked with Composite Decking standard or other finishes
- Fitted with Pivots to allow for 2 Axis of Rotation
- Fitted with Nylon rollers to allow for tidal variations with minimal resistance and sound.
- Load Capacity (UDL): 3 KN/m² or 306 kg/m² to 5 KN/m² or 510 kg/m²
- Concentrated Load: 4.5 KN/m² or 459 kg/m²
- Structure of welded aluminum alloy 6082 T6
- Rounded corner square aluminum tubing handrail
- Designed to be mounted in different ways to adapt to piles or anchor mooring.
- supplied with nylon rollers, hinges and transition plates
Pile anchoring is most suited to places with significant water level variation and at heavy landing stages. Marine Frontiers Marina’s selection includes one standard wall guide and four standard pile guides for most common pile sizes to suit loads.

SEAFLEX or HAZELETT RODES Elastic Mooring: As indicated is an elastic mooring system which when fitted to dead weight Anchors stretches & contracts allowing for the variations in tides.

Chain & flexible hazellet rode anchoring is suitable for all pontoons and in areas of low water. Anchoring chains are hot dipped galvanized and 10-25mm thick. We have a special aluminium boat designed for anchoring installations.

Braces can be designed for supporting pontoons in areas close to the shore.

Services offered include annual preventive maintenance programs.
Piling Solutions
Jack Up Barge with Pile Hammer

Marine Frontiers offers turnkey solution from pile design calculations to supply, welding, blasting coating and installation of the piles.

Pile diameters, embedded lengths and wall thickness along with steel grades to suit the application are all done-in-house with our engineers and software programs. HPE sleeves, pile caps, pile guides are also in-house supplied, designed and fitted.

Marine Frontiers installation equipment include vessels, jack up barge, vibrating hammer, crane and equipment to complete the works throughout the region.

Services offered include annual preventive maintenance programs.
Water Breaker
SOLUTIONS

Configured to any size to suit any application
Our Helicopter Decks are designed and manufactured from marine grade aluminium. While the fundamental benefits of aluminium—lightweight, cost effective, low maintenance and safety—we also make every efforts to ensure high standards on every level across installation cycle of the project.

Our easy to assemble solutions are available for Rooftops, Vessels, Rings, Platforms, Floating for resorts and remote areas.

SAFETY FIRST!

From the design core we build Aluminium decks with incorporated safety features to meet FAA, IPA, ICAO, CAP37 standards.

Configured to any size to suit any application.

Services offered include annual preventive maintenance programs.
Projects

- Ferry berths
- Private Jetties
- Commercial Marina
- Gravity Wall Jetties

"Services offered include annual preventive maintenance programs"
Projects

- Total Marine Complexes
- Piled Structures and walkways
- Floating Marinas
- Fixed Jetties
- Dry Stacking
- Slipway

"Design, Build, Install and Maintain"
Projects

Marine Frontiers has projects completed and underway in Middle East, Asia, Australia, Africa.

Provide us your concept and we will provide the solution