

PT. WAHANA AIR INDONESIA



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Floating platform – Bar

Platform 24 is a modular fiberglass floating platform, designed and built for tourist use. It is anchored to the seabed using concrete blocks and chains.

The structure consists of 7 fiberglass hulls supporting a rigid galvanized steel framework, onto which the flooring that forms the platform is placed and fixed.

This configuration ensures maximum stability and resistance to wave motion, unlike other types of structures that are subject to oscillation caused by waves.

Navigation is possible in calm sea conditions and at low speed. Propulsion (optional) is provided by two outboard engines of max 150 hp, with a control console located on the roof of the technical room.

The platform's stability allows for the installation of furniture, umbrellas, and sun loungers





TECHNICAL SPECIFICATIONS

OVERALL LENGHT	24,00 MT
MAX BEAM	20,00 MT
DRAFT	0,60 MT
DESIGN CATEGORY PAX	CE D 100
DESIGN	PT. WAHANA AIR INDONESIA
CONSTRUCTION	VETRORESINA - FERRO ZINCATO - LEGNO





BUOYANCY

7 x sealed fiberglass hulls, compartmentalized with internal bulkheads and filled with closed-cell foam.
Each hull is compartmentalized with internal bulkheads installed every 2.00 meters, and filled with closed-cell foam.
The hulls are externally coated with gelcoat.

PLATFORM

Floor support made with a modular galvanized iron lattice structure connected to the hulls.
Flooring made of fiberglass sandwich panels assembled onto the support structure.

DECK

Fiberglass flooring with non-slip surface and gelcoat finish.
Bow platform positioned above the waterline, measuring 14.00 x 2.50 meters, with ladder.
Stern platform positioned above the waterline, measuring 12.00 x 2.50 meters, with ladder.
Seawater pool measuring 2.40 x 8.00 meters, located toward the bow (fills with seawater, up to the platform's waterline).
Wooden gazebo measuring 4.00 x 4.00 meters with waterproof canvas roof, surrounding counter surface, and entrance door.

INSIDE THE GAZEBO:

Central wooden island with countertop for bar service, housing for refrigerators and freezer, cabinets and drawers, sink with faucet.

Technical room in wood measuring 4.00 x 2.00 meters, located behind the gazebo.
Access door and windows.
Internal ladder to roof access via hatch.
Shelf structure for tank storage.
Soundproofed compartment for housing the power generator.

Bathroom compartment adjacent to the technical room.
2 x access doors (men – women) and ventilation windows.
2 x electric toilets with macerator – 2 x sinks.

Shade sails in waterproof fabric supported by wooden poles.

Handrails in stainless steel and wood.

EQUIPMENT AND ACCESSORIES

4 x stainless steel ladders on the bow and stern platforms.
2 x stainless steel ladders for the seawater pool.
4 x anchoring points with chain attachment hooks.
6 x mooring cleats for boats, positioned at the stern and on the port and starboard sides.

230V ELECTRICAL SYSTEM

6 kW marine generator (located in the technical room).
230V wiring and electrical system.
230V control panel (located in the technical room).

12V ELECTRICAL SYSTEM

12V wiring and electrical system.
12V control panel (located in the technical room).
2 x service batteries (located in the technical room).
Battery charger.
Charge splitter.

SYSTEMS AND PIPING

Fresh Water System
2 x 350 liter fresh water tanks (located in the technical room).
2 x pressure pumps.
Water distribution system.

GREY WATER SYSTEM

2 x 350 liter grey water tanks (located in the technical room).
Collection and distribution sump.

BLACK WATER SYSTEM

2 x 105 liter black water tanks (located in the bathroom compartment).
Collection and distribution sump.

NAVIGATION

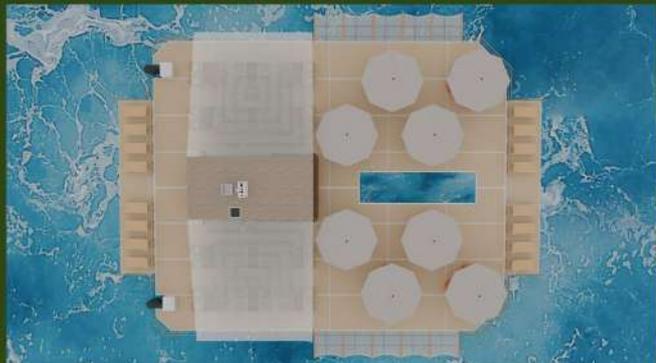
Navigation lights.
Compass.
Electric horn.

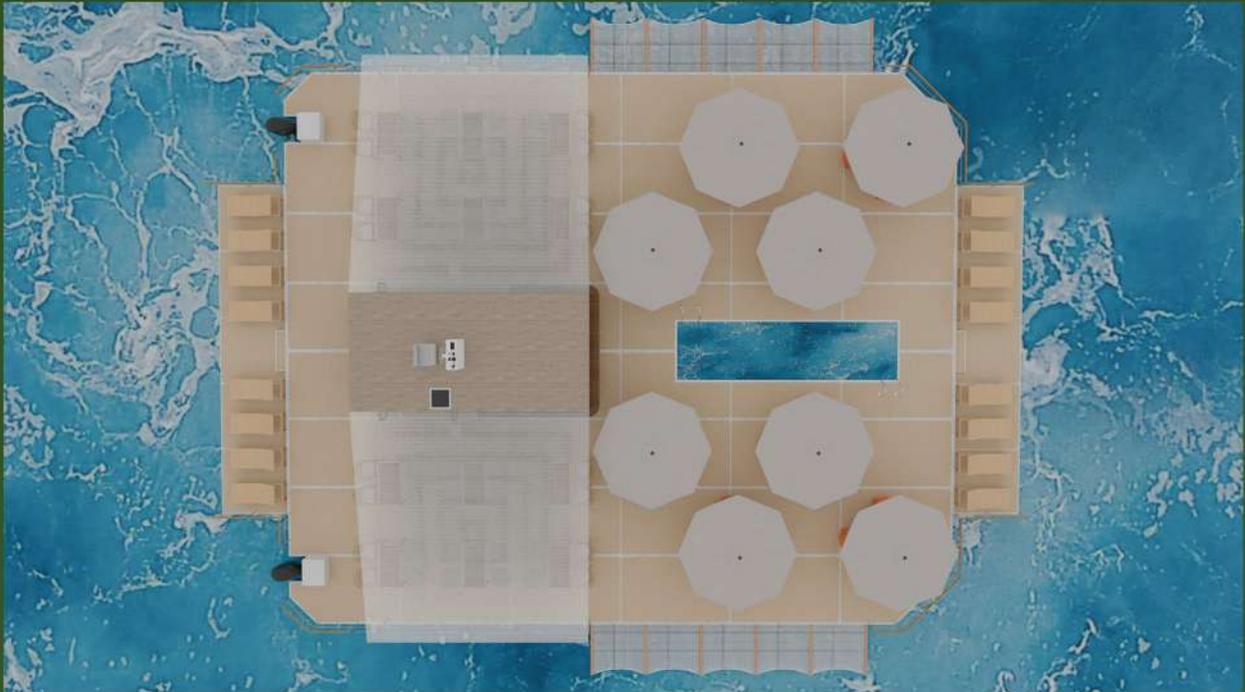
LIGHTING

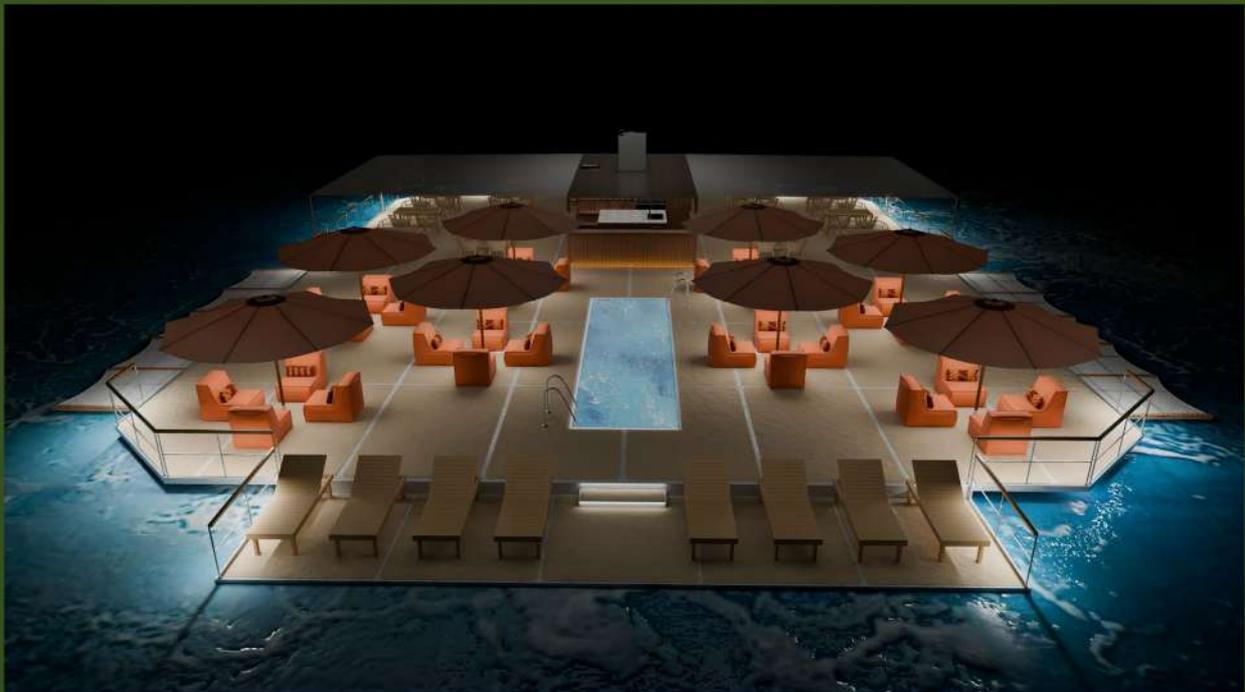
LED lights on deck, inside the gazebo, technical room, and bathrooms.

TRANSPORT AND DELIVERY

The platform is delivered to its destination in separate parts, shipped in 5 x 40' containers.
Assembly at the destination is carried out by the client's personnel, with assistance and supervision from a representative of the manufacturer, who will oversee the assembly operations for the entire duration.
The client is required to provide an area of adequate size to carry out assembly operations, lifting and handling equipment, and suitable personnel for this purpose.











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