

AQUASTRA

FLOATING ARCHITECTURE



OPERATIONAL · SPECIFICATION

Hub

Built to work. Designed to last.

MARINA OFFICE AT SUNSET, GULF COASTLINE BEYOND
25 M · TRIMARAN — 3 PARALLEL HULLS

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The operational anchor of the collection. Compact, deployable and high-yield, engineered for forward operations, working waterfronts and rapid marina deployment.

PRINCIPAL PARTICULARS

Length overall	25 m
Beam	10 m
Draft	≈ 0.9 m
Air draft	≈ 5.5 m
Hull platform	Trimaran — 3 parallel hulls
Decks	Up to 2
Capacity	20–40 persons (crew up to 10)
Tonnage	160–190 GT
Payload	70–100 tonnes
Survey range	Sheltered / coastal waters
Delivery	5–7 months

SPECIFIED FOR

GOVERNMENT & DEFENCE

- Coastguard forward patrol base
- Maritime police operations hub
- Harbour security & monitoring
- Search-and-rescue coordination

COMMERCIAL & HOSPITALITY

- Floating site office
- Marketing & brand activation venue
- Waterfront F&B kiosk
- Ferry embarkation point

PRIVATE & LEISURE

- Private day-charter base
- Water-sports hub
- Island-hopping station
- Recreational club platform

HULL & CONSTRUCTION

- Vacuum-infused FRP composite hull
- Closed-cell composite core
- Marine structural bulkheads
- Reinforced longitudinal and transverse frames
- Anti-osmosis protection and marine gelcoat finish
- 316L stainless steel and marine-grade aluminium
- Tempered marine glass
- Composite decks and roof, fire-resistant materials

MODULAR SUPERSTRUCTURE

- Every deck above the main deck is manufactured as an independent module, reinforced with marine-grade aluminium structural framing.
- Lighter structure and a lower centre of gravity
 - Increased rigidity and improved stability
 - Corrosion resistance
 - Faster production and simpler transport
 - Simplified maintenance
 - Ready for future upgrades and refurbishment

PROPULSION ARCHITECTURES

Standard	Diesel inboard or petrol outboard — proven range and serviceability.
Hybrid diesel–electric	Range with silent nights at anchor.
Full electric	Zero emissions at anchor and under way.
Solar assist	Integrated rooftop array for energy independence.

MOORING & STATION-KEEPING

SPECIFIED PER SITE

A platform is only as good as the way it is held. Station-keeping is specified per site, from a survey of depth, seabed, tidal range and prevailing weather — not selected from a catalogue.

FROM ENQUIRY TO HANDOVER

01 Design consultation	Requirements, deployment waters and operating model are established.
02 Layout & GA freeze	The general arrangement is fixed; final dimensions and figures are issued at this point.
03 Build & fit-out	Hull lamination, modular superstructure assembly and interior fit-out.
04 Trials & handover	Commissioning, trials and delivery to the deployment site.

Warranty periods, response times and service rates are commercial terms, set per contract. We put them in writing at proposal stage — ask and we will send the current terms.

Classification and survey scope are set to the client requirement and the intended operating area, and are confirmed during design consultation.
Dimensions and capacities are provisional until general-arrangement freeze. Draft varies with load condition.
Imagery is concept render and is indicative, not a photograph of a delivered platform. This document is a specification summary, not a contractual specification. Pricing is prepared for your exact configuration and provided on application.