

AQUASTRA

FLOATING ARCHITECTURE

PRODUCT PORTFOLIO

The Aquastra Collection

Six lines. One engineered marine platform. Built in the United Arab Emirates.

THE PROPOSITION

The stability that lets architecture sit properly on water.

Every line in this collection shares the same engineered marine platform — eco-composite FRP hulls, a modular superstructure, and a multi-hull form that holds a building-scale deck steady. What changes between the lines is the mission, not the engineering.

Each line is presented over two pages: the platform as it is intended to be seen, then its principal particulars, arrangement where a general arrangement has been signed off, and the roles it is specified for across government and defence, commercial and hospitality, and private and leisure use. The engineering, mooring, delivery and support sections that follow the lines apply to all six.

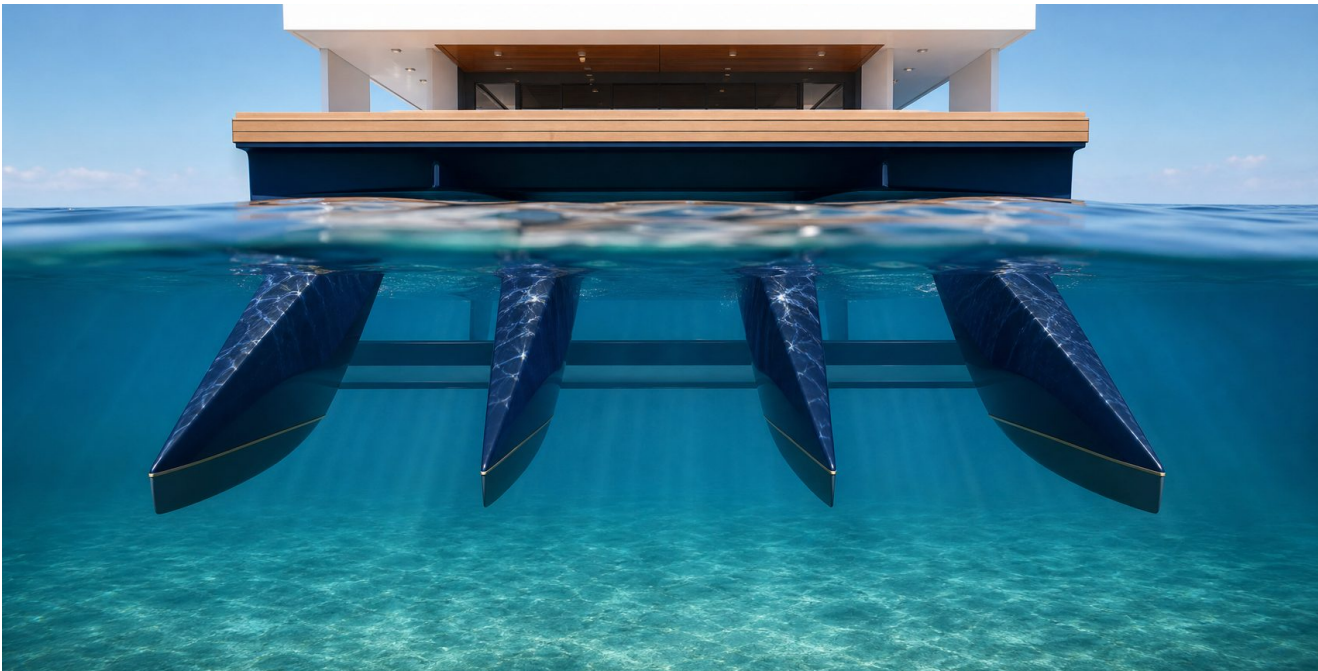
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Not a hull with a house on it. A platform engineered to carry one.

Every platform in the collection is a trimaran or a quadrimaran — three or four parallel FRP hulls carrying a single continuous deck, tied by transverse structure. Separating buoyancy across parallel hulls is what gives a floating building its beam, its deck area and its resistance to roll, and it is the reason these are specified as architecture rather than as vessels.



Quadrimaran platform, split waterline — four parallel hulls and the transverse tunnel structure that ties them. Concept render.

HULL PLATFORM BY LINE

Hub	Trimaran — 3 parallel hulls
Residence	Trimaran or quadrimaran — 3 or 4 parallel hulls
Lagoon	Trimaran or quadrimaran — 3 or 4 parallel hulls
Terrace	Quadrimaran — 4 parallel hulls
Pavilion	Quadrimaran — 4 parallel hulls
Signature	Trimaran or quadrimaran — to specification

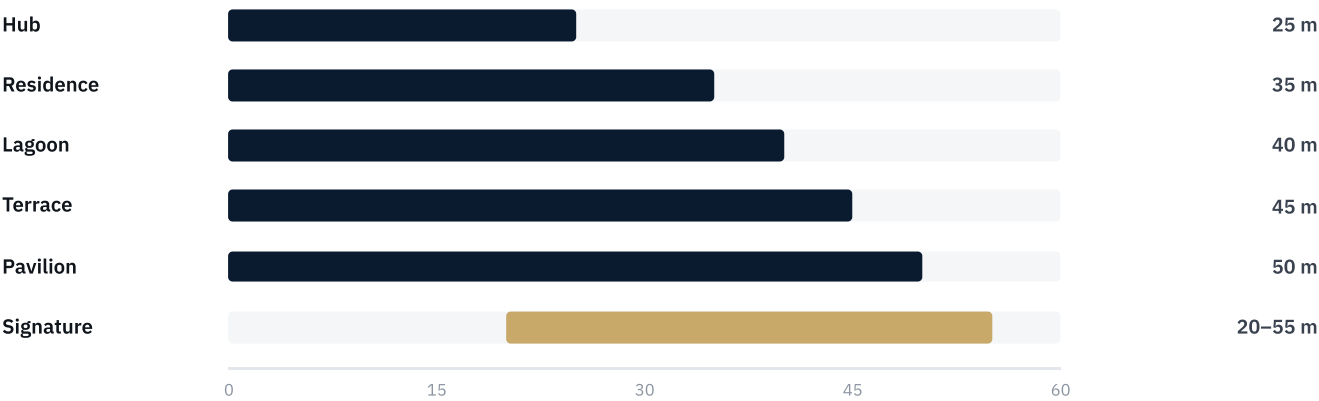
THE COLLECTION AT A GLANCE

SIX LINES

LINE	LOA	BEAM	DECKS	CAPACITY	HULL PLATFORM	DELIVERY
Hub OPERATIONAL	25 m	10 m	Up to 2	20–40 persons (crew up to 10)	Trimaran — 3 parallel hulls	5–7 months
Residence FLOATING RESIDENCE	35 m	10 or 12 m	2–3 full decks	15 overnight · 30 day guests	Trimaran or quadrimaran — 3 or 4 parallel hulls	10–12 months
Lagoon OVERWATER VILLA	40 m	10 or 12 m	1–3	1–3 bedrooms	Trimaran or quadrimaran — 3 or 4 parallel hulls	12–16 months
Terrace ULTRA-LUXURY	45 m	12 m	5 levels	20 overnight · 30 day guests · 7 suites	Quadrimaran — 4 parallel hulls	12–16 months
Pavilion HOSPITALITY VENUE	50 m	10 or 12 m	3 decks	500–800 guests, by event format	Quadrimaran — 4 parallel hulls	14–18 months
Signature BESPOKE	20–55 m	Bespoke	Bespoke	Bespoke	Trimaran or quadrimaran — to specification	18–24 months

LENGTH OVERALL

METRES



Navy: the published length of a named line. Gold: Signature is bespoke and is drawn as the range it is commissioned within, not as a fixed length.



OPERATIONAL

Hub

Built to work. Designed to last.

MARINA OFFICE AT SUNSET, GULF COASTLINE BEYOND
AQM-PORTFOLIO-COLLECTION-20260731 · REV B

25 M · TRIMARAN — 3 PARALLEL HULLS

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



FLOATING RESIDENCE

Residence

Live on the water. Properly.

OPEN WATER AT GOLDEN HOUR, DUBAI SKYLINE
AQM-PORTFOLIO-COLLECTION-20260731 · REV B

35 M · TRIMARAN OR QUADRIMARAN — 3 OR 4 PARALLEL HULLS

A full-specification floating residence, generous living space, considered interiors and proven stability for year-round life on calm water.

PRINCIPAL PARTICULARS

Length overall	35 m
Beam	10 or 12 m
Draft	1.3 or 1.6 m
Air draft	10.5–11 m
Hull platform	Trimaran or quadrimaran — 3 or 4 parallel hulls
Decks	2–3 full decks
Capacity	15 overnight · 30 day guests
Survey range	Sheltered / coastal waters
Delivery	10–12 months

GENERAL ARRANGEMENT

SIGNED OFF

Upper Deck — Owner's Sanctuary	Full-beam owner suite with private lounge, dressing room, spa bathroom, private office and an infinity jacuzzi on a private terrace.
Main Deck	Grand Arabic majlis, contemporary family lounge, pantry, dining for twelve, infinity pool and sun deck.
Hull Deck	Crew cabins and mess, laundry, medical room, dry and cold stores, workshop, commercial galley, generator and electrical rooms.

SPECIFIED FOR

GOVERNMENT & DEFENCE

- Officer accommodation platform
- Government guest quarters
- Liaison residence
- Temporary headquarters

COMMERCIAL & HOSPITALITY

- Boutique floating hotel suite
- Short-stay rental
- Staff accommodation
- Marina residence product

PRIVATE & LEISURE

- Private weekend residence
- Floating holiday home
- Long-term liveaboard
- Family waterfront retreat



OVERWATER VILLA

Lagoon

Open water. Calm presence.

REEF SHALLOWS AT SUNSET

AQM-PORTFOLIO-COLLECTION-20260731 · REV B

40 M · TRIMARAN OR QUADRIMARAN — 3 OR 4 PARALLEL HULLS

09

Luxury floating villas engineered for resorts, island developments and high-end tourism destinations, delivered complete, positioned and connected.

PRINCIPAL PARTICULARS

Length overall	40 m
Beam	10 or 12 m
Draft	1.2–1.6 m
Air draft	8.5–10 m
Hull platform	Trimaran or quadrimaran — 3 or 4 parallel hulls
Decks	1–3
Capacity	1–3 bedrooms
Survey range	Open water (sheltered seas)
Delivery	12–16 months

SPECIFIED FOR

GOVERNMENT & DEFENCE

- VIP government accommodation
- Diplomatic guest villa
- Hospitality platform
- High-level briefing venue

COMMERCIAL & HOSPITALITY

- Overwater resort villa
- Premium eco-lodge
- Exclusive holiday rental
- Waterfront show villa

PRIVATE & LEISURE

- Private overwater villa
- Family retreat
- Private-island residence
- Premium second home



ULTRA-LUXURY

Terrace

The pinnacle of floating living.

OPEN WATER AT GOLDEN HOUR — FOUR PARALLEL HULLS
AQM-PORTFOLIO-COLLECTION-20260731 · REV B

45 M · QUADRIMARAN — 4 PARALLEL HULLS

Not a yacht. Not a villa. A private residence on water, house-scale decks, full-width rooms and near-zero roll on a four-hull platform.

PRINCIPAL PARTICULARS

Length overall	45 m
Beam	12 m
Draft	1.2–1.6 m
Air draft	9.5–10.5 m
Hull platform	Quadrimaran — 4 parallel hulls
Decks	5 levels
Capacity	20 overnight · 30 day guests · 7 suites
Survey range	Open water (sheltered seas)
Delivery	12–16 months

GENERAL ARRANGEMENT

SIGNED OFF

Rooftop — Sky Terrace	Sky lounge, jacuzzi and cabanas, with the roof structured for helicopter operations.
Upper Deck — Owner's Level	A private owner's suite with its own pool and twin balconies.
Superstructure — Guest Level	Six master suites, gym and jacuzzi lounge, served by a lift to all decks.
Main Deck — Living Level	Two grand salons including an Arabic majlis, game room, pool and full promenade.
Lower Deck — Crew & Technical	Crew quarters, galley and stores, engine and generator rooms, and an infirmary.

SPECIFIED FOR

GOVERNMENT & DEFENCE

- Senior official residence
- Diplomatic state-guest platform
- High-security VIP residence
- Flag platform

COMMERCIAL & HOSPITALITY

- Premium floating hotel suite
- Luxury overwater villa product
- Corporate retreat flagship
- Marina anchor venue

PRIVATE & LEISURE

- Private floating estate
- Trophy residence
- Bespoke wellness retreat
- Generational waterfront asset



HOSPITALITY VENUE

Pavilion

Where hospitality meets the horizon.

MARINA VENUE AT DUSK

AQM-PORTFOLIO-COLLECTION-20260731 · REV B

50 M · QUADRIMARAN — 4 PARALLEL HULLS

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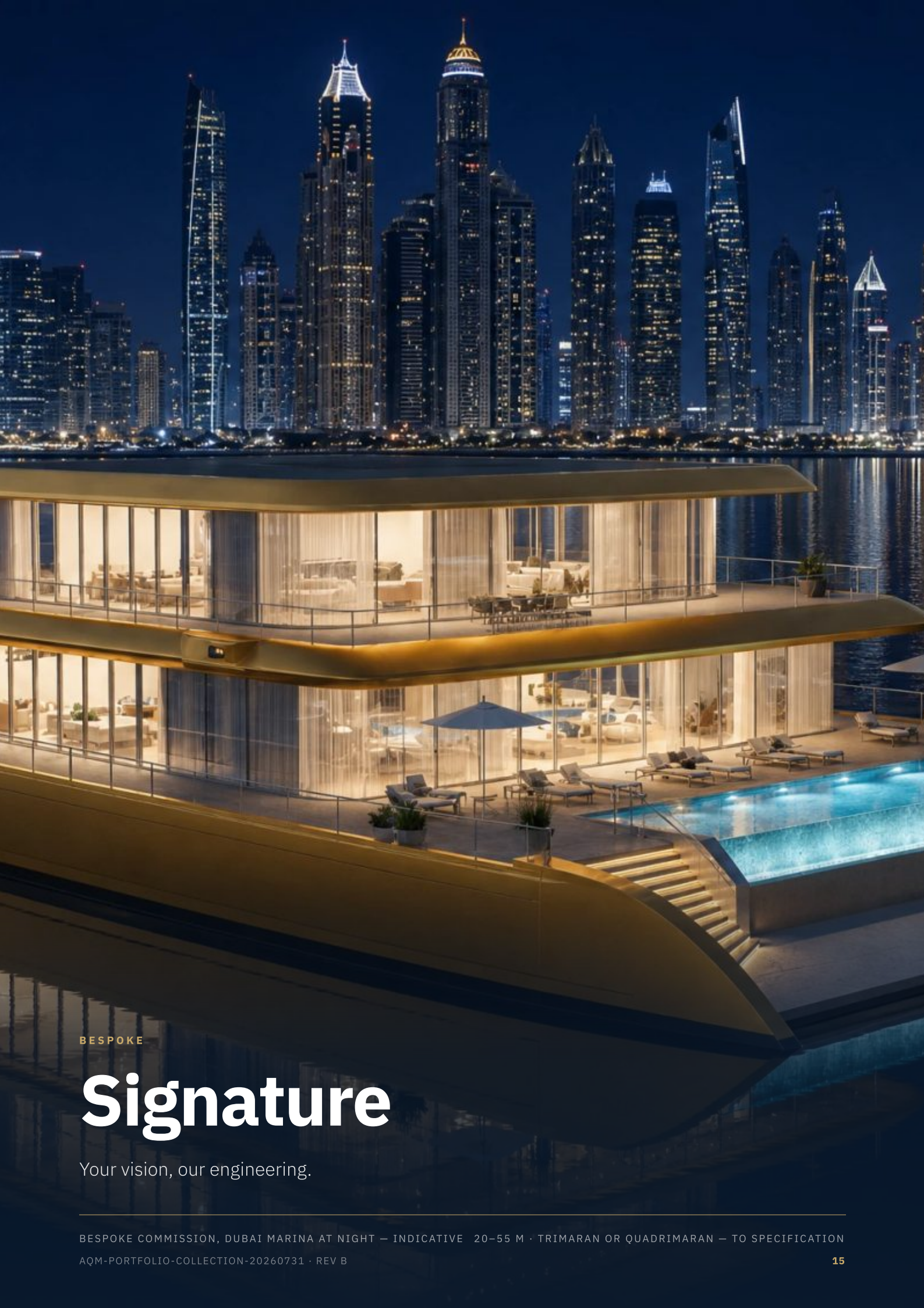
The collection's commercial anchor, a venue platform for large-scale hospitality, F&B and events. Maximum capacity, premium environment.

PRINCIPAL PARTICULARS

Length overall	50 m
Beam	10 or 12 m
Draft	1.2–1.8 m
Air draft	10–11 m
Hull platform	Quadrimararan — 4 parallel hulls
Decks	3 decks
Capacity	500–800 guests, by event format
Survey range	Open water (sheltered seas)
Delivery	14–18 months

SPECIFIED FOR

GOVERNMENT & DEFENCE	COMMERCIAL & HOSPITALITY	PRIVATE & LEISURE
— Government banqueting platform	— Destination floating restaurant	— Private entertaining pavilion
— State ceremony venue	— Boutique hotel (50 or 70 keys)	— Floating fine dining
— Officers' dining	— Events & conference venue	— Private events platform
— Large-scale operations base	— Marina F&B destination	— Estate support venue



BESPOKE

Signature

Your vision, our engineering.

BESPOKE COMMISSION, DUBAI MARINA AT NIGHT — INDICATIVE 20-55 M · TRIMARAN OR QUADRIMARAN — TO SPECIFICATION
AQM-PORTFOLIO-COLLECTION-20260731 · REV B

Fully bespoke, from 20 to 55 metres. Geometry, interior, propulsion, materials and mission, all determined with the client. A blank canvas, our engineering.

PRINCIPAL PARTICULARS

Length overall	20–55 m
Beam	Bespoke
Draft	Bespoke
Air draft	Bespoke
Hull platform	Trimaran or quadrimaran — to specification
Decks	Bespoke
Capacity	Bespoke
Survey range	To specification
Delivery	18–24 months

SPECIFIED FOR

GOVERNMENT & DEFENCE

- Sovereign command platform
- Full-mission flagship
- State / royal commissions
- Bespoke ISR platform

COMMERCIAL & HOSPITALITY

- Iconic floating landmark
- Bespoke hotel flagship
- Marina-development centrepiece
- Custom charter flagship

PRIVATE & LEISURE

- Royal commission
- Private floating island
- Estate vessel
- Generational bespoke asset

The same build standard across the collection.

The specification below is platform-wide. It does not change with the line; what changes is how much of it a given mission calls for.

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

OFFERED ACROSS THE COLLECTION

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.

Marina berth	Alongside a serviced berth with shore power, water and wastewater connections. The simplest arrangement, and the one most UAE deployments start from.
Fixed mooring	Piles or spuds fixing the platform in position with a controlled tidal allowance — for permanent siting where the seabed and permits allow.
Catenary moorings	Chain-and-anchor spread to seabed blocks, keeping the platform on station in open water while allowing it to be recovered and relocated.
What we confirm with you	Site survey, mooring design and load case, the berth or mooring permit for the emirate of deployment, and the shore connections the platform needs. All of it is scoped before contract, not after.

FROM ENQUIRY TO HANDOVER

FOUR STAGES

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.

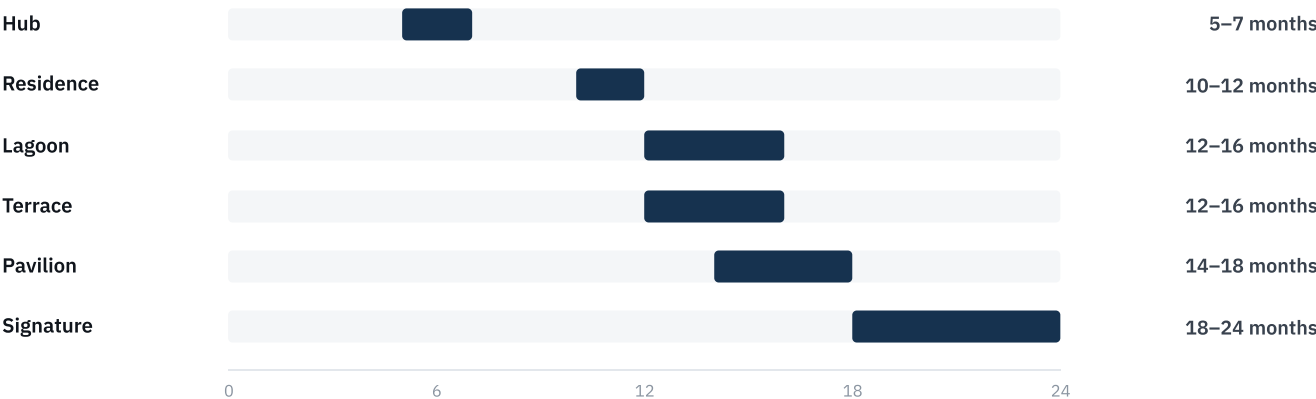
04

Trials & handover

Commissioning, trials and delivery to the deployment site.

INDICATIVE LEAD TIME

MONTHS FROM ORDER



Each band is the line's own quoted range, order to delivery — 5–24 months across the collection. Lead time is confirmed at general-arrangement freeze.

OWNERSHIP & SUPPORT

AFTER HANDOVER

What happens after handover is part of the specification, not an afterthought. One team carries the platform from contract through its operating life.

Warranty	Structure, systems and finishes are warranted under the supply agreement, with the period and exclusions set per contract and stated in writing before signature.
Spares & consumables	A recommended spares holding is issued with the handover pack. Because the platform is built in the Emirates from a local supply chain, critical parts are sourced without an import lead time.
Service & response	Scheduled servicing and call-out response are agreed as a service schedule alongside the build contract, sized to how and where the platform is operated.
Across an archipelago	Operators running more than one platform consolidate servicing, spares and reporting under a single archipelago contract rather than per unit.

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 throughout and is indicative, not a photograph of a delivered platform. This document is a product portfolio and a specification summary; it is not a contractual specification. Pricing is prepared for your exact configuration and provided on application.

AQUASTRA

FLOATING ARCHITECTURE

ENQUIRIES

**Tell us where it goes,
and what it has to do.**

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AQUASTRA WATERCRAFT Ships & Boats Trading L.L.C · Business Bay, Dubai, United Arab Emirates

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