

# 48



## AQUILA 48 POWER CATAMARAN

Length overall w/ swim & protection platform	48'.03" / 14.7 M
Beam overall	23'.06" / 7.17 M
Height above waterline w/ hard top	18'.08" / 5.7 M
Draft without sacrificial skegs	3'.07" / 1.09 M
Draft with sacrificial skegs	3'.08" / 1.12 M
Light displacement	47,620 LB / 21,600 KG
Fully loaded displacement	55,556 LB / 25,200 KG
Fuel tank (approx)	356 GAL / 1,350 L
Fuel tank (generator w/ genset option only)	105 GAL / 400 L
Water tank (approx)	193 GAL / 730 L
Holding tank (approx)	90 GAL / 340 L
CE certification	A:10 ; B:10 ; C:16 ; D:25

Sleeps (up to)	8
Max passengers	25
Cabins	4
Heads	4
Showers	4

### Propulsion

**VOLVO PENTA DIESEL ENGINES W/ V DRIVE GEARBOX**  
(2X D4 225 HP / 165 KW)

*The specification measurements are approximate and subject to variance.*



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# EXTERIOR FEATURES



## CONSTRUCTION

- Resin infused hull and deck construction creating high strength and stiffness
- Solid FRP lamination at hull centerlines including all through hulls
- Vinylester resin with excellent corrosive and water resistant properties
- NPG gelcoat with superior UV resistance
- Resin infused bulkheads
- All main FRP components resin infused construction including bulkheads
- Bow crash box in each hull
- Hull stern extensions separately molded and attached for safety
- Windows in hull and deck high quality tempered shatter proof glass meeting ISO standards
- Custom built salon and flybridge support structure using 316 stainless steel

## HULL AND DECK FEATURES

- Opening deck hatches 11 (carefully positioned to enhance ventilation in cabins)
- Opening ports in hull windows for heads(3)
- Custom built PVC rub rail with 316 stainless steel insert offering all round protection
- Solid custom deck railing in 316 stainless steel
- 2x Comfortable and protected bow seats integrated into deck railing
- 8x Mooring cleats in solid 316 stainless steel thru bolted
- Deck fill plates in 316 stainless steel - 1x water, 3x fuel, 2x waste
- Bow roller for secondary anchor 316 Stainless steel
- Anchor locker with 1500 watt windlass, handheld remote control with custom chain lock
- Well placed ergonomic handrails in 316 stainless steel ensuring secure movement onboard
- Port & Starboard ergonomic forward steps leading to flybridge in FRP with 316 stainless steel support structure
- Ergonomic transom steps for easy boarding and comfortable lounging off stern
- Transom boarding rails in 316 stainless steel. located in centre of aft steps
- LED navigation lights - port, starboard, stern, anchor & running Light
- Engine ventilation intakes with FRP cowling and 316 stainless steel cover
- Swim ladder -316 stainless steel
- Large starboard bow locker - waterproof and easylift gas hinge for fender storage etc.
- Dedicated port bow locker - waterproof and easylift gas hinge for water system and optional watermaker
- Self draining storage locker in aft cockpit floor
- Forward and aft cockpits and sidedecks all self draining
- Engine access lockers with easylift gas hinge allowing easy access to engine room
- Aft cockpit with expansive hinging window and door opening to galley
- Aft cockpit bar area with 2x 316 stainless steel bar stools
- Aft cockpit seating area with U-shaped settee with integrated cup holders and table (converts into sun bathing area)
- Forward cockpit with comfortable seating with backrests cushions for relaxing and socializing
- Forward cockpit covered with integrated hardtop, LED mood lighting and speakers
- Forward cockpit floor - large locker doors allowing all round access to generator (optional)
- Forward cockpit watertight door allowing easy access from forward cockpit to salon
- Forward cockpit canvas and lexan enclosure
- Forward cockpit table (Small)
- Integrated aft side boarding step in hull with 316 stainless steel handrail
- Large spacious foredeck for sunbathing
- LED down lighting in aft cockpit
- Variable temperature stern shower located at port aft steps



## EXTERIOR FEATURES

### FLYBRIDGE

- Radar arch across flybridge
- Exceptional flybridge access from three stairway locations
- Main access from salon interior via teak and stainless steel stairway
- Ergonomic positioned handrail for safe access to and from salon
- Large acrylic watertight hatch door closes off interior from flybridge
- Water protection cover situated behind salon stairway
- Forward flybridge access via port and starboard FRP and stainless steel stairway
- Ergonomic positioned handrails for safe access via forward stairways
- Flybridge guardrails with acrylic wind protection inserts
- Electronic engine double lever throttle and gearshift control
- Variable position stainless steel steering wheel
- Hydraulic steering
- Helm station console in dark grey non glare UV protect finish
- Compass at helm station
- Protected storage cubby under helm station
- Entertainment system remote control located next to helm
- Marine waterproof speakers located in hardtop
- Dark acrylic windscreen with 316 stainless steel handrail support to deflect wind and glare
- Spacious comfortable helm seat for 3 people with upholstered seat and backrest
- Comfortable aft facing jump seats port and starboard of helm station
- Flybridge table with fold down extensions comfortably seating 8 people
- Upholstered flybridge cushions and backrests
- Dedicated sun deck forward of the helm station windscreen comfortable for 3 people
- Wetbar behind helm station incorporating Corian work surface, sink and hot and cold faucet
- Integrated hinged fiberglass cover for wet bar area
- Large storage area under wetbar w/ 2x access doors (optional location for fridge and icemaker)
- Dedicated life raft storage locker under aft seat with easy launch
- Lifejacket and safety gear storage under flybridge seats
- 11x Cup holders located in various areas around flybridge
- Composite hard top with lights

### ENGINE ROOM

- Underwater engine exhaust to reduce engine emission noise
- Automatic fire suppression heat activated system with alarm monitors at helmstation
- Electronic start/stop switches at helmstation with E key protection
- Engine room insulation - 50 mm flame retardent polyurethane foam covered with metalized polyester film
- 316 Stainless steel engine support frame
- Engine room lighting
- Automatic electric bilge pump in each engine room with warning light at helm and navstation
- Excellent all round engine and systems access for ease of maintenance
- 2x Hydraulic steering cylinders



## EXTERIOR FEATURES

### ENGINE CONTROL

- Electronic engine double lever throttle and gearshift control
- Volvo electronic vessel control (EVC) 4" display at helm station
- Electronic start/stop switches at helm station with E key protection

### UNDERWATER GEAR

- Engine V Drive transmission for compact efficiency
- Propeller tunnels for reduced draft and maximum efficiency
- 23 Inch/584mm 4 blade bronze propeller
- Propeller shaft - 1.57 inch/40mm machined stainless steel
- Rudders and tiller arm in 316 stainless steel with FRP tube
- Shut off valves on all salt water intakes in engine rooms
- Sea water strainers with transparent lid
- Watertight self aligning dripless shaft seal with 316 stainless housing and self aligning teflon bearing
- Extended bronze P bracket for maximum propeller protection
- Sacrificial skeg forward of drive train

### TECHNICAL FEATURES

- Bilge pump warning lights at helm & nav station
- Instrument panels
- Steering, tilt wheel
- Steering wheel, stainless steel

## INTERIOR FEATURES

### SALON

- Excellent all round visibility from salon seating
- Shatter proof windows with external overhangs offers excellent visibility and reduced sunlight
- Tempered glass bi-fold door and hinged window access to cockpit offers excellent ventilation and through flow
- Watertight hinged door to forward cockpit
- Venetian wood blinds covering port and starboard side windows
- Overhead LED ceiling lights, LED mood lighting and LED courtesy lighting
- 2x reading lamps
- Panel ceilings with decorative wood trim and LED lights
- Comfortable open couch seating to starboard
- Settee seating U shape around salon table comfortably seats 8 people
- Salon table
- Large shelves behind settees
- Cushions in soft easy clean upholstery
- Dedicated liquor cabinet (3 cabin version)
- Hidden slide out mini bar in partition (4 cabin version)
- 4 x surround sound speakers and sub woofer entertainment system
- Hidden TV storage
- Salon converts into 2x comfortable Single Beds
- Vertical 316 stainless steel handrail in salon and galley
- Synthetic wear resistant flooring offering maintenance free natural wood look



# INTERIOR FEATURES

## GALLEY

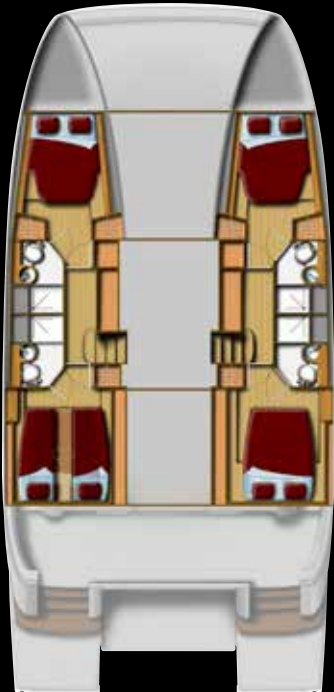
- Three burner propane / Butane stove in center of galley
- Microwave - 120V or 220V (Inverter option as power source required)
- Refrigerator / Freezer 2 drawer front access offering easy access and efficient packing
- Double stainless steel sink with corian worktop cover and single lever variable temperature faucet
- Storage cupboards & drawers offering ample storage for all galley accessories
- Deep dish drying rack with corian worktop cover
- Interior teak and stainless stairway offering easy access from galley and salon to flybridge
- Durable stain resistant corian countertop
- Ample storage lockers on starboard side under corian worktop surface perfect for serving area
- Slide out garbage bin under sink
- Dedicated blender / Coffee maker / Appliance work area behind corian countertop
- Overhead LED ceiling lights as well as mood lighting
- LED courtesy floor lighting
- Vertical stainless steel 316 handrail for steps up to flybridge
- Synthetic wear resistant flooring offering maintenance free natural wood look
- Storage area above galley cupboards with stainless steel 316 fiddle



3 Cabin Layout

## STATEROOMS

- Large windows offering excellent view
- Dedicated hanging locker
- Ample storage lockers
- Venetian wood blinds covering large hull windows
- Concealed shade blind and insect screen on opening deck hatch where installed
- Overhead LED ceiling lighting and floor courtesy lighting
- Overhead LED reading lights
- Full size island style bed in all staterooms offering access from both sides
- Aft staterooms convertible bed offering full size bed or separate single beds
- Ample storage lockers under beds
- Memory foam mattresses
- Synthetic wear resistant flooring offering maintenance free natural wood look
- Cabin door offering quiet and privacy
- Cabin Mattress Sizes: Aft Beds Together: 78"L x 60"W (198cm x 152cm)  
Aft Beds Apart: 78"L x 30"W (198cm x 76cm), Frwd Bed = 78"L x 60"W (198cm x 152cm)



4 Cabin Layout

## HEADS & SEPARATE SHOWER STALLS

- Quiet electric fresh water flush toilet with large bowl and push button control
- Private door leading into cabin
- Opening deck hatch offering ample ventilation
- Venetian wood blinds over hull window
- Opening port light in large window
- Stylish round wash basin with single lever variable temperature faucet
- Corian countertop surrounding wash basin
- Vanity lockers with mirrors
- Synthetic wear resistant flooring offering maintenance free natural wood look
- Separate shower stall with seat and flexible shower faucet
- Natural teak grating shower floor
- Acrylic door separating shower from the rest of the bathroom
- Automatic shower & sink drain via dedicated sealed sump box
- Overhead LED lighting
- LED nightlight above washbasin
- Toilet roll holder located in sink locker

# INTERIOR FEATURES

## NAVIGATION AREA

- Ample navigation work surface for charts and books
- AC/DC electrical panel w/ circuit breakers & transfer switches for all electrical systems.
- Inc ample spare breakers
- Dedicated service panel for optional generator, desalinator and inverter control panels
- Dedicated electronics display panel offering easy access and visibility to electronic systems inc optional VHF radio
- Multi-zone entertainment system master unit offering multi-zone control with dedicated iPod/iPhone connection
- Electronic panel displaying navigation lights and bilge pump warning lights and manual switches
- Light switch panel controlling all salon, galley and aft cockpit lighting

## WATER SYSTEM

- Fresh water pressure pump with accumulator tank offering equal water pressure throughout
- Backup fresh water pump
- 2x 15 Gal/60 L hot water cylinders powered by engine heat exchangers and AC power
- 2x 103 Gal/390 L connected water tanks
- Water tank level gauge located at on service panel

## WASTE SYSTEM

- Grey water from showers and sinks collected in 2x sealed sump boxes and automatically discharged over-board
- Black water holding tanks discharged via deck pump out or overboard with macerator pumps
- Black water tank level gauges located on service panel

## ELECTRICAL

- House batteries 5x 200 Amp/hour AGM technology in dedicated battery locker
- Dedicated engine batteries 2x 200 Amp/hour AGM technology
- Shore side electrical system
- AC power supplied by 2x 50 Amp 125/250V shore power cables
- Dedicated circuit breaker switches for all high load components
- Galvanic isolator protector system

## FUEL SYSTEM

- Diesel fuel system with racor water separation filters
- Dedicated fuel tank for each engine
- Fuel filters
- Aluminum fuel tanks with safety shut off valves and level monitors at helm station

## SAFETY

- 2x opening escape hatches located in aft cabins
- 2x tempered glass escape hatches located under cabin stairs with emergency escape hammer
- Automatic fire suppression heat activated system with alarm monitors at helm station
- Emergency hammer
- Emergency steering position with custom emergency tiller in 316 stainless steel
- 2 x opening escape hatches located in forward cabins
- Dedicated bow crash boxes in each hull
- Dedicated aft hull extensions double as crash boxes for each hull
- All deck hatches fitted with latches and waterproof





## **AQUILA 48**

### **POWER CATAMARAN**


The Aquila 48 was designed to be an exceptionally comfortable cruising boat as a result of the integration of advanced technology in all design and build decisions.

This ocean-going power cat includes many customization options to meet an array of boating lifestyles from 2, 3 or 4 cabin layouts, custom finishes, interior helm and aft deck options for cruising, entertaining or live aboard comforts.



# AQUILA

Builder:  SINO EAGLE GROUP

Design & Styling:  ]&]  
DESIGN

Concept:  MARINEMAX

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