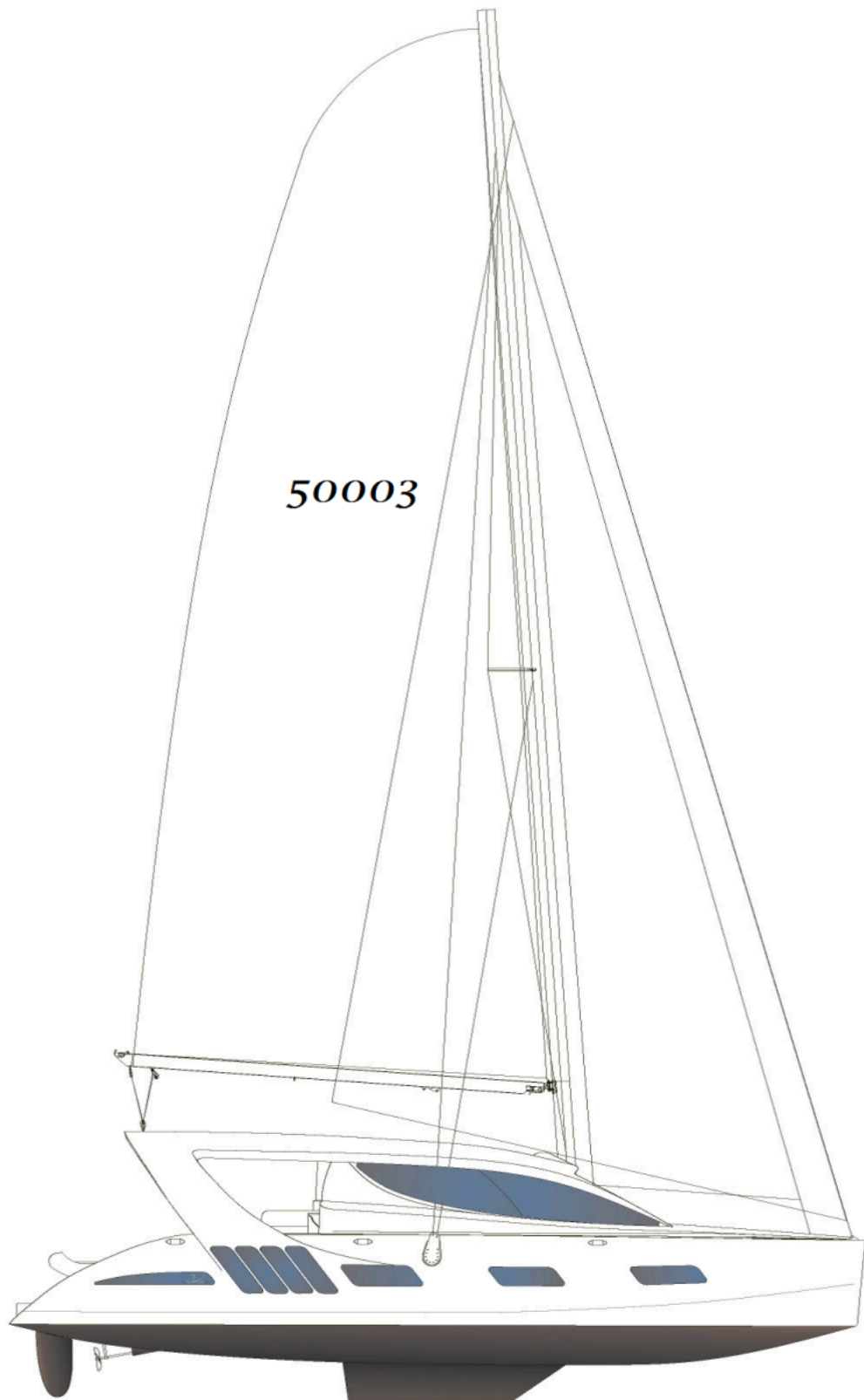


**SAILING CATAMARAN 'PEARL' 50ft  
SPECIFICATIONS AND INVENTORY**



# PEARL

H.I.N ZA-DEA50006A310

Length overall	15.39m	Engines	2x 80HP
Length waterline	15.15m	Fresh water	2 x 395ltr
Beam	8m	Diesel	2 x 395ltr
Draft	1.5m	CE Certified	Category A
Mast height above waterline	24m	Light craft displacement	19000 KG
Sail Area – Mainsail	100m <sup>2</sup>	Sail Area-Jib	42 m <sup>2</sup>
Bridge deck clearance	1000mm	Sail Area-Reacher	90 m <sup>2</sup>

## ENGINES; DRIVES; PORPS ETC.

- 2 x Craftsman C4.80 (2x 80HP) marine diesel engines
- SD-12 ZF sail drives with 2.49:1 reduction ratio
- Alternators – 2 x Craftsman 110 Amp standard on engines
- Alternators - 2 x Mastervolt 130 Amp High Output with Mastervolt Controllers
- Flexofold 3 bladed folding propellers
- Oil change pumps 12V for 2 x engines, 2 x sail drives, 1 x generator
- Soundproofing in engine rooms

## NAVIGATION AND ELECTRONICS

- Raymarine ES-127 Hybrid Touch – 12" MFD with sonar
- Raymarine ES-125 Hybrid Touch – 12" MFD
- Navionics charts for Caribbean, Central America, etc.
- Raymarine AIS650 transceiver
- Raymarine SR150 - Sirius weather receiver
- Raymarine wind sensor
- Raymarine HS5 - Network switch
- Raymarine GPS receiver
- Raymarine camera – fitted on spreader
- Raymarine i70 color displays – x3 units
- Raymarine p70 autopilot control
- Raymarine Smartpilot EVO ACU400
- Raymarine Compass Sensor EVO
- Raymarine HD radar dome
- Airmar Tridata speed/depth/temp transducer
- Airmar PB200 weather station on mast head
- Power Max dual band cell booster 3G/4G
- WI-FI antennae - Bullet and amplifier
- ICOM IC M506 VHF radio with Command MIC in cockpit
- ICOM IC-802/with AT-140 ATU, copper strap, ground plate, Banten 7m whip
- Pactor 4 Dragon SSB modem
- Hailer-horn on mast connected to M506 VHF radio
- Paradox Alarm system with motion sensors and siren in cockpit
- Samsung 40 inch LED flat screen TV in salon on custom folding bracket
- 32 inch LED flat screen TVs (x2 units) in both aft cabins on custom sliding brackets
- KVH Trackvision M7 satellite TV antenna
- KVH V3 MiniVSAT (dummy dome only)
- Marantz 5.1 home theater system with Blue Ray player
- 4 Channel amplifier for mast and cockpit speakers
- Fusion MS-UD755 Bluetooth stereo with remote control at the helm
- Speakers – 4 independent zones (8 speakers total), including speakers on mast
- Chain counter and control in cockpit

## **ELECTRICAL**

- Batteries - Mastervolt 6 x 2V Gel cells totalling 1500 Ah
- CZone full Digital switching 12V DC equipment
- CZone USB connection at nav station
- CZone Touch-10 screen at nav station
- Genset - Fischer Panda PMS 9-4 – 9KW - 120V/60 Hz - with sound insulation shell
- Mastervolt DC heavy current distribution and shunt connected to Masterbus network
- Mastervolt Power Analyzer on generator output connected to Masterbus network
- Mastervolt EasyView control touchscreen at the nav station
- Mastervolt MasterAdjust USB connection at the nav station
- Mastervolt Combi - Inverter / charger – 12V/5000W/200A Combis (x2 units)
- Mastervolt - Additional battery charger - Chargemaster 100 amp
- Isolation transformer 6Kva ISO (step up from 120V to 220V)
- Solar panels - 6 x 145 Watt on saloon coach roof (recessed) and hinged on inside and adjustable
- Mastervolt Solar charger - 60 amp MPPT
- 50A Shore power inlet with Galvanic Isolator, shore lead etc.
- Analogue fuel, water, waste tank gauges at navstation 2 x water/3 x fuel/2 x waste
- Yaskawa VFD – variable frequency drive for 3 phase dive compressor
- Coltri MCH-16 – 4Kw tri-phase scuba compressor
- Fans – Caframo fans x 7 units in salon and cabins

## **PLUMBING**

- Shore water connection on transom
- Quick 60L water heater
- MIELE - washing machine (fully stainless)
- SMEG - dishwasher
- Water maker – SPECTRA Newport 1000 – 40Gph with additional remote at nav station with automatic
- fresh water flush system Dometic VacuFlush vacuum toilets with fresh water flushing in each cabin
- Sea water pump for firefighting/deck wash
- Fresh water wash down in cockpit
- Freshwater manifold system allowing use of each tank and each pump separately and tanks fill from shore water connection
- Cockpit shower

## **HULL AND DECK**

- Stainless steel rope deflector in front of rudders
- Overhead cockpit LED strip lighting
- Custom built davits on aft deck in stainless steel with electric motors
- Sunshade on foredeck
- Trampolines - Dyneema with a rope border
- Bow seats with cushions
- Glass windscreen and sliding cloth bimini above helm chair
- Bimini sides and back
- Cockpit cushions
- 2x large bean bags
- 2 x Lumishore multicolor LED underwater lights with control at nav station
- Main anchor - Delta- 45Kg with 100 meters of 12mm chain plus 100 meters braided rope
- Secondary anchor - Delta - 25Kg with 30 meters of 12 mm chain plus 50 meters braided rope
- Handheld wired remote for windlasses with chain counter
- Stainless steel fender holder on transom for 6 fenders

## **SAILS AND MAST**

- CruiseLam laminated sails by Quantum / Cape Town - 100m<sup>2</sup> main, 90 m<sup>2</sup> reacher on furler, 42 m<sup>2</sup> jib on 2nd furler
- Custom mast by Southern Spars / Cape Town
- Boom gantry system to lift dinghy (backup for the electric davit system)
- LED Tri-anchor/anchor light combination on mast top
- LED floodlight on foredeck and spreaders - x3 units

## **SAFETY EQUIPMENT**

- Category 1 offshore safety equipment by Viking
- 8 man life raft - Viking Rescyou 8 (last serviced September)
- Fire fighting equipment
- Complete safety equipment
- 10x PVC fenders with covers and tie up ropes
- 2x large inflatable fenders Megafend

## **ANTIFOULING**

- Copper Coat (last painted June 2019)

## **INTERIOR**

- Shade/mosquito screen on deck hatches
- Shades for hull windows, roller blinds in aft cabins
- Oceanair saloon blinds
- Ambient LED strip lighting in ceilings
- LED Courtesy lights in cockpit – blue
- Blue LED courtesy lights throughout salon and hulls
- Custom built drink cabinet on electro-mechanical lifting system with LED lights
- Stainless steel tool cabinet with drawers and assorted tools
- Saloon upholstery
- Fully equipped galley including all appliances
- Fully equipped cabins including bed sheets, pillows, towels, etc.
- Assorted spare parts for all systems including engines, generator, water maker, rigging, toilets, pumps, general plumbing, general electrical, etc.



## **AIRCON - REFRIGIRATION – GAS**

- Air conditioners - Dometic Marine Air - 1 x 16000 and 2 x 12000 BTU units - 120V 60 Hz
- 2 drawer fridge in the galley - Vitrifrigo
- 2 drawer freezer in galley - Vitrifrigo
- Extra fridge in the cockpit – Vitrifrigo
- Ice maker in cockpit - Vitrifrigo IM classic hydro
- Oven - SMEG
- Gas cooker - SMEG 4 burner
- Microwave oven
- Electronic gas shut off with galley sensor
- Composite gas bottles - 3 x 7.5Kg
- Magma BBQ with gas line supply on transom

## **WATER TOYS**

- Dinghy – AB AL-15 in Hypalon with aluminum hull
- Dinghy engine - 60HP Yamaha F60 four stroke, fuel injection
- 2 Person kayak
- Water skies
- Wake board
- Offshore fishing gear – 2 poles with large reels and assorted fishing equipment
- 8 SCUBA tanks with filling hoses
- Numerous SCUBA dive gears
- Numerous snorkel gears and fins
- Numerous wet suits and rash guards
- Life jackets – assorted sizes
- Assorted floating toys (noodles, lazy buns, etc.)