

Once in a while something special comes along that challenges the status quo, breaks with the norm and trail-blazes an entirely new class of boat. The Admiral 45 Power Cat is just such a pioneer. Akin to an "offshore SUV", she's a tough, no-nonsense, go anywhere craft that will get you to your destination safely, speedily and comfortably while turning heads as she passes her rivals or manoeuvres in the marina.

A true wolf in sheep's clothing, with her asymmetrical catamaran hulls supported by the latest in foil assisted lift technology. Greatly improved fuel economy, lower horsepower requirement, extended range and increased speed. Her single-level outside entertaining space is unsurpassed for a craft of this size while her below-deck appointments provide comfortable over-nighting facilities.

The 45c is an asymmetrical planning Hydrofoil Assisted Power Catamaran, capable of superior speed, sea keeping, and comfort. The Foil - Assist concept, married with state of the art construction and exterior styling, places this craft in a league of its own. She is available in a Sport Cruiser as well as a Sport Fishing or an Open Model (Centre Console). Power plant and drive system options range from 250 hp to 440 hp diesel inboard motors with a choice of 'Z' Drive, Jet Propulsion or Surface Drives.

Performance with a pair of 440 hp motors and surface drives will attain speeds in excess of 30 knots. Twin 315 hp motors with stern drives will give up to 25 knots with craft weight at approximately 10 tons. At around 12 knots the yacht will get onto the hydrofoils



## HYDROFOIL ADVANTAGES

- Increased top speed with existing engines (by 20 - 40%)
- Smaller engines can be fitted to reach desired top speed
- Reduced fuel consumption (by 20 - 40%)
- Increased travelling range (by 20 - 40%)
- Improved sea keeping in rough seas
- Drier ride in choppy seas
- Increased payload carrying capacity with less speed loss
- Increased hull strength (keels being bolted together by the main foil)
- Banks at speed more like a mono-hull.

Produced by one of the largest specialist catamaran factories in the Southern Hemisphere with experience of over 70 boats to date and backed by both build performance and manufactures warranties, means a superlative craft that will be the envy of all who see her.



Length (with swim step)	14.625 m / 44.7'
Length at waterline	10.3 m / 33.8'
Beam	4.50 m / 14.8'
Draft fairbody (lightship)	0.5m / 1.65'
Draft (lightship)	0.85m / 2.8'
Boat weight (lightship)	8 t
Engines (Two)	Yanmar 315HP with Zdrives
S/S Hydrofoils	Optional
Fuel capacity	1400l (2x700)
Cruising speed/Max speed	22 Knots / +30 Knots
Fuel consumption/Range	67l/hr / 550miles
Certification	USCG / CE / or Client specific
Yacht Design & Naval Architecture	Argo Boats

# SPECIFICATIONS

## HULL AND DECK

- White as standard
- Balsa coring in hull for the highest obtainable strength/weight ratio & excellent thermal insulation

## ENGINES & DRIVE

- 2 Yanmar counter rotating engines
- MODEL: GLPA-STP315HP
- TYPE: diesel 4-stroke – 6 cylinders in line
- INJECTION SYSTEM: direct
- INTAKE: turbo-charged – inter-cooled
- COOLING: by temperature exchanger
- EXHAUST: cooled manifold and exit
- GEARBOX: ZF
- DRIVE: Mercruiser Stern Drives
- STARTING: 12 volt
- Integrated engine oil-change pump.
- All fuel lines stainless steel braided and labeled to indicate direction of flow

## ENGINE CONTROLS

- Electric Throttle controls
- Hydraulic steering

## ENGINE ROOMS

- Fluorescent lighting
- Ventilators
- Antiskid composite floor
- Acoustic insulation certified against fire.
- Main engines exhaust line water lock and goose-neck ventilator
- Generator exhaust system separates exhaust gas from cooling water for lower noise levels when operating



## FIRE SYSTEM

- CO<sup>2</sup> extinguishing system are installed in each engine room
- 2kg powder extinguisher in each boat compartment
- CO<sup>2</sup> extinguisher installed next to the steering console
- Ignition solenoid shutoff from steering position
- Engine room deployment from console cable release

## FUEL TANKS

- Fuel tanks certified. 2 X 700L
- Inspection hatch
- Siphons
- Level gauge reading at the console
- All tanks are appropriately baffled
- Protected with fuel resistant epoxy coating
- 316 s/s fuel filler provided on deck

## FRESH WATER TANKS

- Water tank 300L
- Inspection hatch
- Siphons
- Level gauge reading at the console
- 316 s/s filler provided on deck
- 12v pressurized water to outlets

## BLACK WATER SYSTEM

- Electric toilet fed by seawater
- Black Water tank with level gauge reading at console
- 2 way drainage system with macerator

## RAW-WATER

- Salt wash down system with pickup in cockpit and anchor well

## BILGE SYSTEM

- 4 distinct bilge zones. 2 per hull, the engine room and the accommodation
- Multiple back-up system with 2 x manual, 2 x float-switch electric plus engine diverter valves for emergency discharge
- High water level sensors connected to a buzzer and visual alarm at console

## GENERATOR

- 7 kva generator
- Diesel 4-stroke – 3 cylinders in line
- Starting: 12 volt



## ELECTRICAL & ELECTRONICS

- 220V AC/12V DC System: (or 110V AC/12V)
- Automatic Battery charger
- VCustom Breaker panel / Distribution board
- Digital Link Battery monitor gauge showing voltage, charge and discharge
- Batteries –gel type 12V 400 Ah house batteries
- 2 x 12V 140A batteries: engine and genset start
- Voltmeter, Amp meter, battery test meter, panel lighting
- 50 amp Shore power hook-up
- 12V Lighting throughout boat
- Microwave / Grill (optional generator required or shore power)
- 85l Fridge
- 12000 BTU Air conditioner for interior
- 220V (110V) outlets
- Yanmar engines gauges C-Panel
- Steering compass
- Navigation Lights
- VHF
- GPS
- Radar
- Horn

## DECK HARDWARE

### LAYOUT & FEATURES:

- Custom fender system
- Cockpit hard top
- Large opening overhead/escape hatches
- Opening ports / VETUSPX57 or similar
- Companionway sliding & hinged acrylic hatches
- Captive safety pin secures hatch boards in heavy weather
- 20kg "CQR" anchor, 20m x 10mm chain & 50m rope
- Lewmar (or similar) Electrical windlass 1000 W with remote control at helm station and switches in the self draining anchor locker
- Windshield wipers, Pantogram, with fresh water, heavy duty
- Twin Helm seats
- Stainless steel bow rail
- Stern pulpit with flag pole socket
- Transom lifeline gate, SS swim/re-boarding ladder
- Stainless steel grab rails

- Stainless pop-up cleats & appropriate fairleads, chafe guards
- Bow fitting with anchor roller and anchor holder
- Life lines and rail around the cap rail perimeter
- Mooring Lines
- Life Rings

## INTERIOR

### MASTER CABIN:

- 2000 x 1600 mm, 100 mm high density foam mattress
- 2 drawers with runner system
- 2 reading lights
- 2 bookcases
- 1 Lewmar hatch with blind and mosquito screen
- 1 porthole with blinds and mosquito screens (outboard)
- 1 cabin door composite with wood veneer
- 2 wardrobes
- Various lockers
- Vinyl covered ceiling panels with integrated halogen lights
- FRP side panels
- Colors are owner's choice
- HIFI entertainment system in master cabin: (OPTIONAL)
- Pioneer flatscreen 32" or similar
- Pioneer car radio CD/DVD/mp3 HTZ700 or similar
- 4 loudspeakers

### TOILETS AND SHOWERS:

- Air extractors
- Custom surfaces
- Lockers under the basin with 2 pivoting doors & shelves
- Basin with mirror and lights
- Faucets
- Vinyl covered ceiling panels with integrated halogen lights, and extractor.
- Removable teak grating shower floor
- Electric W/C

### GALLEY:

- Fridge
- Microwave oven
- Various lockers
- Ceiling panels with integrated halogen lights



## SALOON/HELMSTATION:

### Cockpit hard top:

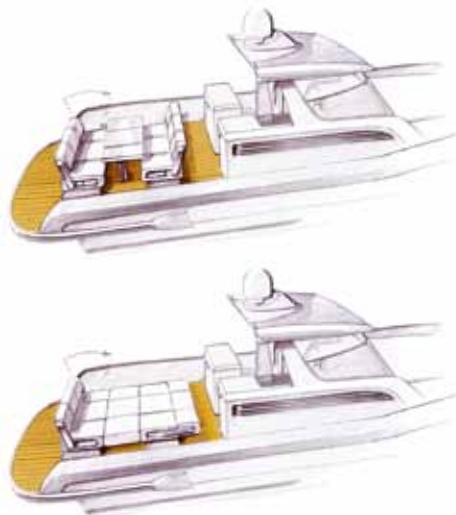
- Manual tempered glass aft sliding side windows
- Airco vents on dashboard
- Two seat helm station, with plexi-glass cover
- Navigation & electronics switchboard
- Engine gauges and alarms, C-Panel including alarm buzzer, illumination switch for gauges, alarm for charging, cooling water high temp, oil low pressure, F.O. separator, water level, sea water flow, cooling water level, boost pressure, tachometer with hour meter, lubrication oil pressure gauge, cooling water temp gauge.

### Cockpit Saloon:

- Ergonomically shaped settee for 6-8, Folding saloon table, convertible to bed (OPTIONAL)
- Overhead Grab rails, overhead lights

### Cockpit - Aft deck:

- Settee for 6 Folding table, on centerline life raft storage, outboard engine storage .



## EQUIPMENT OPTIONS

Due to the discerning and varied requirements of Admiral owners, provision is made early in the order process for the specification of various optional items. Examples are :

- Flexi-teak deck covering
- Alternate Hull color
- Cockpit Air Conditioner
- Life Raft
- Ice Maker
- Auto Pilot
- Integrated Radar / GPS / Plotter
- Water Maker

## PROPULSION OPTIONS

The Admiral 45c can be provided with alternate propulsion systems including up-rated engines (440hp) and Water Jet or Surface piercing drives.



## MODEL OPTIONS

The Admiral 45f is equipped for fishing and includes :

- Tower
- Out riggers
- Aft cockpit sink
- Fish box and cooler
- Rod holders
- Fighting chair
- Live bait well

The Admiral 45o, is an open version with centre console that is in concept development

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