

Magnum 36 Power Catamaran Walkaround Model



Manufacturers of custom power and sailing catamarans
Cape Town, South Africa

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Company Profile

Two Oceans Marine Manufacturing is a world-class marine manufacturer based in Cape Town, South Africa.

Founded in 1989, Two Oceans Marine is a leading global custom catamaran manufacturer. The company specialises in custom power and sailing catamarans from 23 to 110 foot and bigger and has 4500 square meters of covered factory floor space at the Cape Town harbour.

Two Oceans Marine manufactures custom cruising, performance sailing, day charter, sport fishing and commercial catamarans.

With over 30 years' experience in quality boat building, the staff at Two Oceans Marine are highly skilled. They are actively involved in all sailing and boating activities and have a wealth of knowledge and experience. Extensive testing is performed on all new production boats. Completed vessels are launched and sea trialed within a short distance of the factory, saving time and expense.

Two Oceans Marine's vessels are designed by world-class naval architects to be comfortable and ergonomically friendly in every way. Boat layout and interior design is customised to the customers' needs.



Specifications

This boat was developed from the highly successful Magnum 32 and has been reengineered to allow for a greater waterplane area. This is to primarily allow for an increased load carrying capability. Essentially the waterline length and the beam have both been increased, and the tunnel entry and exit zones have been modified.

In order to reduce overall weight, the method of construction has been altered to incorporate the use of foam sandwich construction for all items above the waterline.

The in-house design brief was to improve on the performance and load carrying capabilities of the 32 ft hull. This has been accomplished and initial trials have returned performance figures that are an improvement on those anticipated. This hull is well suited to inboard power, should customers favour this option. However, it should be noted that the new generation, high capacity, high output, outboard engines provide favourably comparable fuel consumption figures when compared with inboard options.

The new Magnum 36, like its predecessors, is built to endure the Cape of Storms. The hull has certain areas filled with high density foam, and the deck layout has been designed specifically to satisfy the needs of the serious fishermen. The walkaround cabin makes it possible to operate safely in 360 degrees arc even in challenging sea conditions.

The catamaran hull provides excellent stability with a dry and soft ride. Emphasis has been placed on following sea performance as it is expected that these vessels will travel extended distances in open waters. The cabin, which houses the main control station, offers comfortable seating with excellent vision to the aft deck and a clear 360 degree view of the surroundings through toughened tinted glass. A fully enclosed head is built into the port sponson, and the cabin is fitted with sliding doors. This offers improved security, and added shelter from inclement weather.

The flybridge, which houses the dual controls, is accessed from the aft deck, and provides wrap around seating for up to five persons. A fixed bimini top provides protection from direct sunlight.

LOA: 10.9m

Beam: 4.02m

Draft: 0.700 m

Boat weight – operational, incl power/fuel: $\pm 7\ 000$ kg

Fuel – Standard capacity: 780 litres

Min H.P. (O/B 30-inch shaft): 2 x 300 HP

Max H.P.: 2 x 425 HP



AFT DECK

Self-draining
Two below deck storage hatches approx. 850lit. each
Access hatches to battery storage located in transom engine wells
Deck mounted storage hatch or table
Removable Transom door opening to swim platform
2 x Access hatches to fuel tanks
2 x Automatic bilge pumps for hull drainage
1 x Remote Manual bilge pumps for emergency hull drainage
2 x Electric drain pumps for drainage of below deck storage hatches

CABIN INTERIOR

Steering console housing hydraulic steering pump, engine instrumentation, and electronic units
Upholstered heavy-duty helm chair
Bench seating for crew with built in storage drawers
Access door to storage cupboard with shelves
Timber drawer unit for tackle storage
Port access door to fully enclosed electric marine head
Sliding doors for security / weather protection
Flotex carpet on cabin floor

FORWARD DECK

Moulded non-skid surface with safety rails
Anchor locker – Self-draining, ahead of collision bulkhead
Bench seat with built in storage

FUEL SYSTEM

2 x Aluminium fuel tanks constructed to marine specifications, complete with full baffles, inspection plate, fill suction and vent lines
Useable volume per tank approx. 530litres
Remote level gauges are located at main control station.
Water separator filters, isolating valves, and engine primer bulbs located in storage hatches on aft deck
Marine approved flexible fuel piping used throughout

ELECTRICAL

2 x Heavy duty 100amp Delco engine start batteries with isolating switches
2 x Heavy duty 100amp Delco house batteries with selector switch
Marine grade switch panel with circuit breakers connected via bus bars
Marine grade silicone tin wiring
12-volt horn
Cabin lights
2 x spreader lights to illuminate aft deck
Navigation lights
Anchor light
Bilge pumps, located as specified above, are wired through the switch panel, and have their integral float switches
hot wired to the house batteries

STAINLESS STEEL

All fittings are marine grade 316 stainless steel welded and polished
Bow rail
Handrails strategically located
Bimini support and 4 rod holders
4x rod holders on cabin sides
14 x gunwale mounted rod holders

6 x trolling squares in gunnels
1 x Anchor bollard and roller guide
6 x Heavy duty deck cleats
1 x Heavy duty bow eye
2 x Heavy duty transom eyes
Gaff holders

GENERAL

Antifoul hull
Full safety equipment for 12 persons required to satisfy SAMSA category B > 9m
Container with boat's operating manual, which includes wiring diagrams, mechanical layout etc. as well as manuals of all installed equipment

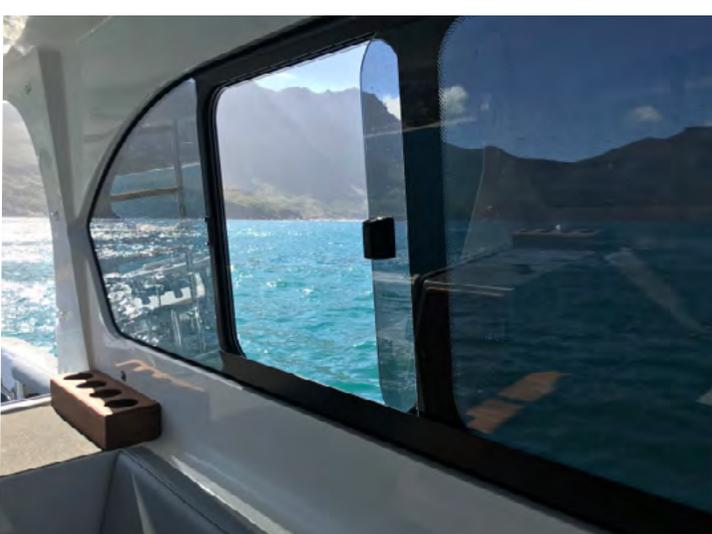
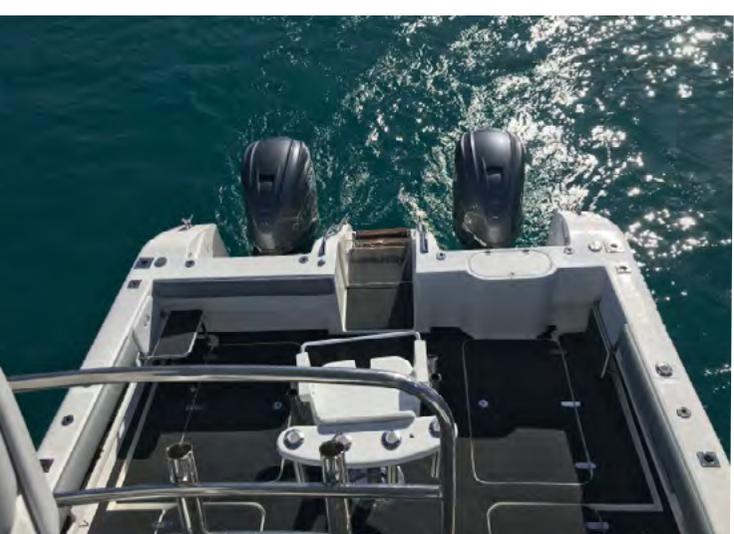
FLYBRIDGE

Dual hydraulic steering system with stainless steel steering wheel
Dual engine controls
2 x Digital Tachometers, 1 x engine start-stop panel
Swivel helm seat
Bench seat with storage locker and molded Bimini top

DUAL STATION 3D NAVNET SYSTEM

Furuno 15 tz touch navnet system at main control station
Furuno 15 tz touch navnet system in navpod on upper helm
Furuno 1150 echo sounder and 1kw transducer
6KW open scanner radar and AIS
Furuno autopilot with display at main control and flybridge
2x Icom vhf radios and 9DB antennas
Fusion marine sound system incl amp and internal / external speakers





The Magnum Power Catamaran Range



Magnum 23 Centre Console



Magnum 2750 Walkaround



Magnum 2750 Centre Console



Magnum 32 Walkaround



Magnum 32 Full Cabin Sportfisher



Magnum 36 Walkaround



Magnum 44 Walkaround



Magnum 46 Walkaround



VIDA

DTC 14937B

YAMAHA

1997 31' 0" Magnam 30