



Aquatich 40

ORC Cruiser / Racer GPH 545

Specification April 2017

12.20m Production yacht aimed at providing competitive ORC Performance and comfortable accommodation.

Design / Builder:

Humphrey Yacht Design - Oceantec, Slovenia

Design category:

CE category A

Dimensions:

Hull length	12.20 m
LWL	11.00 m
Beam max	3.80 m
Draft	2.55 m
Displacement	5920 kg
Ballast	3300 kg

Sail area:

Main sail	55 m ²
Jib	42 m ²
Gennaker	170 m ²

Construction:

Vinylester infused PVC core sandwich, Carbon reinforcements in keel structure Bulkheads and longitudinal structure vinylester infused PVC core sandwich. Floor boards vinylester infused PVC core sandwich Interior fixtures vinylester infused PVC core sandwich White gel coat finish

Keel:

2.55m draft 770 kg SG iron fin with 2630kg lead bulb T- keel

Optional : Race faired finish

Rudder and steering:

Jefa double wheel steering, Carbonautica 1000mm GRP wheels Carbon fiber rudder stock and blade

Optional:

Carbon fiber twin wheel

Deck:

Mainsheet 2 x Harken Performa 46.2 winch
Primary 2 x Harken Performa 46.2 winch
Pit 2 x Harken Performa 40.2 winch
Harken equipment
2 : 1 Mainsheet to winch, traveler and tracks
Transverse jib sheet track with 5-10 degrees sheeting angle, and outboard leads, black anodized pushpits, pullpit and 10 x stanchions
Bulkhead mounted compass
8 Spinlock XX0812 Clutches,
Lewmar hatches size 60 + 2 size 20 at coachroof
Lewmar portlight size 0 aft cabin/ cockpit
Sliding companionway hatch and washboard, ORC compliant
Constrictor rope clutch for reef lines inside the boom

Optional:

*Pontos 4 speed grinder winch, genakker take down system
Side mounted clutches for mainsheet and tackline
Lifeline pads for racing*

Mast and Rig:

Carbon Mast
Rod rigging
Black anodized aluminum boom
Windex, Main sheet, Jib sheets, travelers control lines
Provision for 2 : 1 Main halyard
Backstay adjuster
Carbon bow sprit 1.7m

Optional:

Hydraulic Integral mast jack
Hydraulic adjustable back stay with 2 panels each side
Electrical or manual
Maffioli Racing Running Rigging

Engine:

Engine Yanmar 3YM30C
Saildrive SD25,
Alternator 12V ; 125A
2-blade Flexofold race propeller
Removable engine box with 20mm sound proofing
Yanmar B-20 engine control panel
Single lever Morse control in cockpit
Fuel tank 80l with deck filler

Electrical:

65 Ah engine start battery
2 x 100 Ah Consumers battery
Main switches
12V electrical panel with switches,
battery monitoring device and tanks gauges
LED navigation lights
LED interior lightning

Optional:

220V shore connection and battery charger, Lithium batteries

Plumbing:

2 x manual bilge pump, ORC compliant
100l flexible water tank with deck fill
Flush mounted seacocks
Marine toilet
Electric pressure pump, hot water system,
1 x Automatic Electrical bilge pump

Interior general:

All interior units are moulded from foam cored E-glass sandwich panels with a gelcoat finish and solid hardwood fiddles Cabin sole run throughout interior featuring a hard wearing laminate surface . Berth for every member of the crew when in port (i.e.10) and designed to sleep 6 in comfort when cruising and up to 4 to windward offshore

Hull:

Base primer at bottom

Optional :

Duropox race finish, colour folie wrapping