

SUMMIT 35

IRC RACER / CRUISER

SPECIFICATIONS

2010

REV. A

Principle Dimensions

Length Overall	10.70 m	35.09 ft
Waterline Length	9.20 m	30.17 ft
Beam	3.48 m	11.40 ft
Draft	2.20 m	7.21 ft
Displacement	4,950 kgs	10,920 lbs
Ballast	2,400 kgs	5,300 lbs
Righting Moment @ 1 deg	125 kg/m	905 ft/lbs

Sail Dimensions

I	14.300 m	46.90 ft
J	4.117 m	13.50 ft
P	14.300 m	46.90 ft
E	5.050 m	16.56 ft
LP	104 %	
STL	5.650 m	18.53 ft
Headsail Area	31.28 sm	337 sf
Mainsail Area	44.16 sm	479 sf
Spinnaker Area – Sprit	135 sm	1410 sf

SPECIFICATIONS

Hull & Deck

Vinylester resin with E-glass and foam composite infusion hull & deck
Uni-directional, Bi-axial and Tri-axial E-glass fabrics
Engineered & built to meet or exceed ABS & ISO Standards
Complies with European RCD (CE Mark) Category A Standards
SG Iron keel fin with lead bulb epoxy coated
Anodized aluminum keel grid
Gelcoat hull and deck
Bonded hull to deck joint
Structural GRP Interior Glass Unit bonded to hull

Propulsion & Steering

Volvo 28 hp diesel engine with sail drive
115 Amp alternator
2-blade Volvo folding propeller
Manual engine shift / throttle control
64 liter fuel tank (appx)
Waterlift muffler
Balanced carbon fiber spade rudder
Upper and lower rudder bearings
Custom tiller with adjustable offshore hiking stick

Electrical

12VDC system
115 Amp alternator
Batteries 2 each Group 29 sealed
Battery Switch – 4 position
DC Panel with 16 independent circuit breakers
LED Navigation lights
Reading spot light over each bunk (6)
Overhead lights (6)
Dome lights (2)
Chart Light
110 VAC shorepower system is an option

Plumbing & Stove

Water tank, 100 liters
Pressure cold water system with automatic 12 vdc pump
Galley sink with faucet
Head vanity sink with faucet
Marine toilet with 20 liter holding tank
Y-valve for overboard discharge or deck pump out
Manual diaphragm bilge pump in cockpit
Electric 12 vdc bilge pump
Ice box with 4" foam insulation and electric drain pump
Origo 2-burner non-pressurized gimbaled alcohol stove

Deck Hardware

Harken racing blocks throughout

Winches:

- Primary Harken Radial 46.2STA
- Mainsheet Harken Radial 40.2STA
- Cabin Top Harken Radial 40.2STA

Under deck mainsheet

Under deck jib car adjusters with 10:1 purchase

Under deck inahulers with 8:1 purchase

Spinlock rope clutches for halyards

Stainless steel bow rail, stern rail and stanchions

Retractable s/s 8" foredeck cleat

Foredeck hatch round Lewmar

Vent hatches (2) Lewmar

Opening ports (2) in Q-berths

Fixed cabin ports

Flush hatch garage

Sliding hatch at companionway

Spars & Rigging by Southern Spars

Aluminum 2-spreader mast, tapered

Aluminum boom with 8:1 internal outhaul lead aft, mainsail reef clutch

Discontinuous s/s rod rigging

Custom s/s chainplates, headstay and backstay

Double masthead spinnaker halyards

Double hounds height jib halyards

Mainsail halyard

Solid mechanical vang 16:1 purchase lead aft P&S

Integral -10 hydraulic backstay cylinder

Carbon fiber retractable sprit and all associated hardware

Running Rigging

- Main halyard 8 mm Vectran with shackle (1)
- Jib halyard 8 mm Vectran with shackle (2)
- Spinnaker halyards 8 mm Spectra with Shackles (2)
- Mainsheet 10mm Sta-set braid (1)
- Jib sheets 10mm Sta-set braid with soft shackles (2)
- Traveller crosshauls 10 mm Dacron braid (2)
- Jib lead adjuster A 5 mm Spectra (2)
- Jib lead adjuster B 8 mm Dacron (2)
- Jib inhaul A 6 mm Spectra (2)
- Jib inhaul B 8 mm Dacron (2)
- Reef 10mm Sta-set braid (1)
- Tack line 8 mm Sta-set braid (1)
- Sprit launch 8 mm Sta-set braid (1)
- Spinnaker sheet 8 mm Spectra (2)
- Cunningham 5 mm Dacron 8:1 (1)

Accommodations

Upholstery is 4" foam on bunks & seat with Ultra leather
Removable cabin sole panels in high durability composite
Main cabin door
Bi-fold door between head & v-berth

Options

Exterior

Two tone non-skid deck, gray / white
Custom hull colors & graphics on request
Antifouling bottom paint 3 coats Pettit Vivid sprayed
Gori race propeller in lieu of standard Volvo folding prop
Steel 2 – position Hi/Lo steel cradle
Steel – Keel off shipping cradle

Mast and Rigging

Symmetric spinnaker with carbon pole & all rigging in lieu of sprit
Harken Radial Quattro 40.2STA cabin top winches in lieu of std.
Remote panel hydraulic backstay in lieu of integral backstay
Electric push button hydraulic backstay in lieu of integral backstay
Harken Carbo foil headstay
Harken roller furling headstay

Steering

Twin wheels on composite pedestals includes:
 Aluminum race wheels 900 mm dia. standard
 Emergency tiller
Carbon fiber wheels 900 mm diameter optional extra

Electrical and Plumbing

Hot pressure water from engine or 110 shorepower (if installed)
Cockpit shower
Second manual bilge pump below deck
110 VAC 30 amp shorepower system
 30 amp shore power cord and inlet
 Circuit Breaker Panel – six circuits
 Duplex receptacle with GFI (4)
 Battery Charger 40 amp / Inverter
Refrigeration operates on either 12 VDC or 110 VAC

Cabin Table, double drop leaf with storage

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