

# SUMMIT 35

## IRC RACER / CRUISER

### SPECIFICATIONS

# 2010

REV. A

### Principle Dimensions

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

### Sail Dimensions

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

# **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

*These Specifications are subject to change without notice. Summit Yachts reserves the right to change, modify, upgrade, or discontinue any part of the Specifications without prior notice. Specifications and prices will be fixed at the time the contract is executed and a deposit is received.*