



## Specifications

February, 2015

Length Overall	8.72 m / 28.6 ft
Length Waterline	8.02 m / 26.3 ft
Beam	2.87 m / 9.4 ft
Keel Draft	2.1 m / 6.89 ft
Displacement	1600 kg / 3525 lb
Keel Weight	650 kg / 1425 lb

I	11.36 m / 37.3 ft
J	3.15 m / 10.3 ft
P	11.69 m / 38.4 ft
E	4.14 m / 13.6 ft
ISP	13.02 m / 42.7 ft
TPS	4.98 m / 16.34 ft
Bowsprit	1.64 m / 5.38 ft

Mainsail	32.2 m <sup>2</sup> / 346 ft <sup>2</sup>
Headsail	20.4 m <sup>2</sup> / 220 ft <sup>2</sup>
Asymmetric Spinnaker	107 m <sup>2</sup> / 1150 ft <sup>2</sup>

Motor: 20 hp diesel inboard saildrive

### Construction

- All major components of the hull, deck, and internal structure are optimized E-glass/epoxy/Corecell M-Foam construction
- Hull, deck and internal structure are fabricated with vacuum infusion technology to ensure high fiber ratio and consistent part weight
- All tooling created by precision CNC milling
- Carbon reinforced moulds for accuracy and longevity
- Laminates and composite structure are designed and built to exceed ISO/CE category A standards
- Gelcoat finish, hull/deck/internal structure

### Major Components

- Southern Spars keel-stepped, grand prix mast
  - Full Carbon mast including 2 sets of air foil shaped, aluminum spreaders
  - Dyform, discontinuous wire standing rigging
  - Dynex double topmast running backstays
  - Regatta splice to allow mast to be split for easy and low cost transportation
  - Two masthead halyard sheaves
  - One fractional halyard sheave
  - Main halyard lock
  - Dyneema forestay strop
  - Adjustable hydraulic mast base
  - Clearcoat mast finish
  - Aluminum boom with outhaul and optional single reef, black anodized finish

### Deck Gear and Finish

- Centerline, fixed bowsprit in carbon, removable for transport and storage
- Harken racing blocks and cleats
- Spinlock rope clutches (3)

- Harken 35.2PTP primary winches (2)
- Harken 20STP backstay winches (2)
- Four (4) Harken winch handles
- Hiking stanchions and stern rail, GRP with carbon-look finish
- Dyneema hiking lines
- Optional stanchions, bow pulpit and stern rail for double lifelines, to comply with ISO/CE Category B, GRP with carbon-look finish
- Cockpit footrests (2), GRP with carbon-look finish
- Running rigging, grand prix specification
- Deck Compass
- Manual bilge pump, deck mounted
- Closed cell EVA non-skid in cockpit

#### **Deck systems and purchase:**

- Foredeck canvas hatch cover and actuation system
- Foredeck closing hatch/deadlight for offshore sailing and boat storage
- Composite companionway locking hatch
- Canvas hatch cover for companionway
- Mainsheet fine tune, 24:1
- Traveler, 5:1
- Cunningham, 4:1
- Jib clew in/out, 5:1 and up/down, 8:1
- Jib tack, 6:1
- Spinnaker tack line, internal/below deck
- Boomvang, soft, single part above deck with below deck purchase, 16:1

#### **Hydraulic systems:**

- Custom Harken hydraulic system
  - Internal mast jack cylinder, aluminum
  - Forestay cylinder, aluminum
  - Custom hydraulic panel/pump in cockpit for in-race mast jack and forestay adjustment
  - Reservoir

#### **Engine:**

- Lombardini LDW 702 SD
- Fuel filter, cables, clamps and adapters
- Rigid plastic 40L fuel tank
- Exhaust system including muffler, hose, piping and thru hull
- Raw water intake system
- Gori 380 x 265 LH folding propeller
- Spinlock control face and Teleflex engine control

#### **Electrical:**

- Starting battery
- 12 VDC distribution/circuit breaker panel, switches, wiring, terminal, harnesses
- Four (4) DC bilge pumps with through-hull, hoses and wiring
- Approved running/navigation lights

**Steering and Rudder:**

- Pre-preg carbon rudder stock
- Female molded and infused GRP rudder blade
- Jefa top and bottom rudder bearings
- Gelcoat rudder finish

**T-bulb Keel:**

- Easily removable from hull
- Fabricated steel fin with corrosion protection, covered with female molded composite fairing with gelcoat finish
- CNC-machined, bolted lead T bulb for easy removal, painted finish

**Interior:**

- Two (2) pipe seats with canvas bottoms and Harken block and tackle for adjustment
- One (1) canvas hull storage bags
- Single point lift

**Certification:**

- One Design Certification to the Farr 280 One Design Rule including corrector weights
- ISO/CE Certified to Category C with standard equipment (hiking stanchions and straps and canvas cover on forward hatch)
- ISO/CE Certified to Category B with optional equipment (offshore stanchions and hard cover on forward hatch)