

# SABRE - Spirit

## SPECIFICATION

### 2012 Model Year

L.O.A. ....	36'-8"/11.18 m
L.W.L.....	28'-4"/8.64 m
Beam.....	10'-5"/3.18 m
Draft:	
Deep Keel.....	6'-7"/2.01 m
Wing Keel .....	4-11 1/2"/1.51 m
Displacement (lbs.):	
Deep Keel .....	9,300 lbs/4220 kg (est)
Wing Keel .....	9,920 lbs/4500 kg (est)
Ballast (lbs.):	
Deep Keel .....	3740 lbs/1700 kg(est)
Bulb/Wing Keel .....	4,360lbs/1980 kg(est)
Rig Dimensions:	
P .....	45.50' / 13.87 m
E .....	16.55' / 5.05 m
I .....	45.50' / 13.87 m
J .....	12.87' / 3.92m
Total Sail Area (100% FT, sq. ft.) .....	668 sq ft/62.1 sqm
Main Halyard .....	34 CCEST
Jib Halyard and jib sheet winch.....	34 CCST
Mainsheet winches .....	46 CCST
Cockpit Length .....	10' 0" / 3.05 m
Headroom.(Max).....	5' 11" / 1.80m
Water Tanks (Total gals.) .....	39 gals / 146 l
Holding Tank (gals.) .....	30 gals / 114 l
Batteries (No. @ Amp Hrs.)....	3 @ 110 (2-house, 1-start)
Hatches.....(1) #60 (2) #00.....	3
Opening Ports .....	2
Fixed Ports .....	4
Destroyer Wheel (Diameter) .....	48"/1.23 m
Auxiliary Engine Yanmar .....	21 Hp
Fuel Tank (gals.) .....	20 gal / 75.7 l
Mast Hgt Above WL (w/o instruments)..	55' 3" / 16.66 m
PHRF Rating (Average) .....	93 (est)
Built to NMMA, ABYC, and USCG standards	

#### HULL

- Single unit, vacuum bagged E glass, cored with PVC closed cell PVC foam
- ISO NPG gelcoat
- Below waterline chopped strand glass and vinylester resin as a back up for ISO NPG gelcoat
- Internal deck to hull joint
- Double boot and single cove stripes
- Bulkheads, berth faces, shelves and floor stringers laminated to hull for integral strength
- Carbon fiber reinforced stringers
- Traditional Transom

#### DECK

- Single unit, resin infused fiberglass with Airex PVC foam core for stiffness, and High Density PVC core in high stress areas.
- The deck is fastened to the hull using stainless steel thru bolts
- 3M 5200 Polyurethane sealant in the deck to hull joint

- Propane storage locker in port side deck

#### STEERING SYSTEM

- Edson wheel steering with 48" five spoke Teak Rimmed Destroyer wheel, with guard and brake
- Ritchie SP5 compass mounted in binnacle
- Emergency tiller stored in cockpit locker
- Balanced rudder is molded fiberglass bonded to a carbon fiber rudder post passing through a removable self aligning roller bearing and support tube securely laminated to the hull

#### AUXILIARY ENGINE

- Yanmar 21 hp Sail drive. Fresh water-cooled diesel with reduction gear. Electric shut-off
- Single lever engine control
- 12-volt 115 amp alternator
- 20 gallon custom fuel tank, deck filled, shut-off valve
- Racor fuel filter/water separator
- Raw water intake strainer with wrench
- Tuned front and rear cushion type rubber mounts-adjustable
- Engine compartment light
- Complete engine access through sound and heat insulated removable panels
- Tach, volt, water temperature alarms and hour meter

#### KEEL

- A modern fin keel cast in lead with antimony added for strength
- Thru-bolted to a reinforced keel sump with stainless steel bolts and bronze nuts

#### ELECTRICAL SYSTEM

- Three (2- house and one engine start) 12-volt 110 amp group 31 deep cycle marine batteries with sealed 2 position battery switch
- 110V shore power system with GFI protection and 50 foot shorepower cord
- 50 amp marine battery charger
- Hot water heater w/heat exchanger; 6 Gal / 23 l
- Master AC/DC marine circuit breaker panels (black), include AC/DC volt and DC ammeters, and polarity indicator. Space is provided for additional breakers and electronic gear
- 12V outlet at chart table
- 12V fresh water pump
- All wiring is tinned, color coded and meets USCG standards

#### VENTILATION AND LIGHT

- 3 Lewmar polished Ocean Series deck hatches with screens
- 4 main cabin fixed port lights of Marguard Lexan
- 2 Custom stainless steel opening ports with screens salon
- Acrylic sliding companionway hatch with fiberglass spray hood solid teak hatch boards and screened hatch boards

#### DECK HARDWARE

- Self Tacking Headsail track
- Selden Furlex TD (below deck furler)
- Pulpits and 7 x 7 stainless steel lifelines
- End Boom Mainsheet led to cockpit coamings

- Mast collar with provision for halyard and turning block attachments
- Custom stainless steel fore, mid-rail and aft corner chocks.
- (4) ea pop-up and two style horn mooring cleats
- Self-draining foredeck anchor locker with drain and pad eye for anchor rode
- Pulpit, stern rail and stanchions are custom fabricated of type 316 stainless steel and are fitted but supplied uninstalled
- Removable double lifelines of stainless steel 7 x 7 wire with port and starboard boarding gates and braced gate stanchions
- All lifeline terminals and turnbuckles are swaged stainless steel
- Custom Solid teak toe rails
- Stainless steel companionway handrail and cabin top hand rails

#### **WINCHES**

- All winches are Lewmar "Chrome Ocean Series"
- Main sheet led to Lewmar 46 CCST two-speed
- Main halyard led to Lewmar 34 CCEST two-speed Electric
- Genoa halyard led to port side 34 CCST winch
- Single-Line reefing
- Two 8" alloy winch handles; one 10" chrome lock-in

#### **COCKPIT**

- Sail locker to starboard and port
- Recessed winch handle pockets
- Coamings angled for comfort
- Cup holder on pedestal
- Two cockpit scuppers to Marelon sea valves
- Telescoping transom boarding ladder

#### **MAST and BOOM**

- Hall Spars CARBON Mast 152C with taper. - Carbon fiber masthead with sheaves for (1) main and (1) spinnaker halyard
- (2) sets aluminum spreaders
- Boom – aluminum Hall Spars 152 section
- Both mast and boom in Matterhorn White Awlgrip finish
- Antal mainsail track system
- Internal main and genoa halyards led aft to cockpit.
- Prewired with VHF radio cable.
- Internal clew outhaul.
- External topping lift.
- Hall Quick Vang led aft to cockpit

#### **CHAINPLATES**

- Stainless steel, thru-bolted to composite bulkhead structure bonded to the hull. Electrically grounded to keel

#### **STANDING RIGGING:**

- Continuous Navtec Rod Rigging with Dyform wire headstay

#### **RUNNING RIGGING**

- Color-coded lines
- Hall QuickVang led aft to cockpit
- Navtec hydraulic self contained backstay adjuster

#### **ACCOMMODATIONS.**

- 5' 11" standing headroom. (max)
- Forward cabin v- berth 7'-0" long w/storage below
- Hanging locker to starboard
- Main cabin has 6'5" berth to port and stb
- Fwd end of port berth forms chart seat
- Chart table at fwd end of port berth
- Centerline pedestal drop leaf table (removable)
- Galley with propane stove and oven, ice box, stainless steel sink, storage lockers and drawer
- All berths provided with 4" foam cushions (main cabin berths have 4 1/2") covered with a durable fabric, zippered for ease of removal
- Quiet Flush fresh water flush MSD

#### **SABRE FEATURES**

- Sabre tool kit
- Type A: B: C fire extinguishers
- Louvered locker doors
- Cockpit locker light
- Marelon thru-hulls and sea valves
- Hoses below waterline are double clamped
- Cherry hull ceilings
- 2 burner Propane Force 10 stove w/oven and gas sniffer
- Varnished interior cherry finish with teak & holly sole
- (2) coats sealer only on sole. Final finish TBD by dealer/client
- Dovetailed maple drawer boxes
- (1) Automatic electric and (1) manual, bilge pump

Designed by Jim Taylor and the Sabre Design Team. All specifications are approximate and subject to change without notice. May vary from dealer inventory due to changes made in Sabre Model Year Improvement Program.

06/11