

SABRE 426 Mk2

SPECIFICATION

2012 MODEL YEAR

L.O.A.	42' 6"/12.95 m
L.W.L.	36' 0"/10.97 m
Beam.....	13' 5"/4.09 m
Draft:	
Deep Keel	6' 10"/2.08 m
Wing Keel	5' 2"/1.60 m
Displacement (lbs.):	
Deep Keel	24,000 lbs/10.71 t
Wing Keel	24,500 lbs/10.94 t
Ballast (lbs.):	
Deep Keel	8400 lbs/3.75 t
Wing Keel.....	8650 lbs/3.86 t
Rig Dimensions:	
P	49.5'/15.09 m
E.....	17.5'/5.33 m
I	56.5'/17.22 m
J	16.6'/5.06 m
Total Sail Area (sq. ft.)	920/85379 sqm
Main Halyard/Reef winch	46 CST
Jib Halyard and mainsheet winch	46 CST
Primary winches	58 CST
Cockpit Length	7' 6"/2.31 m
Headroom.....	6' 6"/1.98 m
Water Tanks - (Total g.als.)	120/450 l
Holding Tank (gals.)	30/ 112 l
Batteries (No. @ Amp Hrs.)	4 @ 110
Berths (No. @ Sizes).....	7 @ 6' 6"/1.98 m
Hatches.....	6
Chrome Dorades	2
Opening Ports	10
Fixed Ports	4
Destroyer Wheel (Diameter)	40"/1.01 m
Auxiliary Engine	Yanmar 55Hp
Fuel Tank (gals.).....	60/255 l
Theoretical Hull Speeds (Knots)	8.0
PHRF Rating (Average).....	58
Mast Height Above W.L.	59.0'/17.98 m
Built to NMMA, ABYC, USCG and CE Category A standards	

HULL

- Single unit, vacuum bagged fiberglass of alternate layers of mat knitted biaxial roving. Cored with Airex PVC closed cell foam.
- ISO NPG gelcoat.
- Below waterline chopped strand glass with vinylester resin are used as a back up for ISO NPG gelcoat.
- Internal deck to hull joint.
- Double boot and cove stripes.
- Bulkheads, berth faces, shelves and floor stringers laminated to hull providing integral, structural strength.
- Choice of step or traditional transom.

DECK

- Single unit, resin infused fiberglass with Airex core for stiffness with high density PVC core in high stress areas
- The deck is fastened to the hull using stainless steel thru bolts every 6" (4" in way of genoa tracks)
- 3M 5200 Polyurethane sealant used in the hull/deck joint.

STEERING SYSTEM

- Edson Model 402 wheel steering with 42" comfort grip destroyer wheel, pedestal guard, and brake.
- Ritchie SP-5 compass mounted in stainless steel binnacle.
- Emergency tiller stored in cockpit locker.
- Balanced rudder, molded fiberglass bonded to a carbon fiber rudder stock passing through a Tide's Marine top bearing and a lip seal bearing laminated to the hull.

COCKPIT

- Deep storage locker to starboard.
- Molded in winch handle pockets; coamings angled for comfort.
- Solid teak cup holder on pedestal.
- Two cockpit scuppers to Marelon sea valves.
- Stove fuel storage locker in aft lazarette.
- Telescoping transom boarding ladder with composite treads.

CHAINPLATES

- Stainless steel, thru-bolted to chainplate bulkheads bonded to the hull. Grounded to the keel.
- Mounted well inboard for optimum sheeting angles.

AUXILIARY ENGINE

- Yanmar 55 hp 4 cylinder fresh water cooled diesel with Sail drive.
- 12-volt 100 amp Balmar alternator.
- Single lever engine control
- 60 gallon custom aluminum fuel tank, deck filled, shut-off valve, vented and grounded.
- Racor fuel filter/water separator.
- Raw water intake strainer with wrench.
- Engine oil drip pan.
- Flexible three point engine mount system to minimize vibration and noise.
- Engine compartment exhaust blower.
- Engine compartment light.
- Complete engine access provided by sound and heat insulated removable panels.
- Tachometer, hour meter, oil, and temperature gauges are recessed in cockpit face.
- Fuel gauge mounted at helm.

KEEL

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

MAST

- One piece aluminum, Selden keel stepped, mast with triple airfoil spreaders, masthead rig with white painted finish.
- Internal main and genoa halyards.
- Boom vang lug.
- Spare halyard exits.
- Pre-wired with VHF radio cable.

BOOM

- Aluminum, white painted finish.
- Internal clew outhaul led aft.
- External topping lift.
- Two sets of internal jiffy reefing led aft

ELECTRICAL SYSTEM

- Four 12-volt 110 amp group 31 deep cycle marine batteries
- Remote, Sealed battery switch.
- 110V shore power system with GFI protected in galley and head. Includes 50' shorepower cord
- Macerator pump for head
- Master AC/DC panels, located in the navigation area, include AC/DC volt and ammeters, marine circuit breakers, and polarity indicator.
- 12V outlet at chart table
- All wiring is color coded and tinned and meets USCG stds
- Cabin courtesy lights.
- Xantrex Prosigne 2.0 Inverter/charger
- Microwave oven in galley

DECK HARDWARE

- Recessed inboard genoa tracks are 1 1/4" x 3/16" x 12' aluminum T-track. End stops and sheet lead blocks supplied.
- Stainless steel cowl vents.
- Stainless companionway handrail.
- Five part main sheet with Lewmar Ocean Racing blocks led to ball bearing cabin top traveler, and aft to a Lewmar #46CST two-speed winch.
- Selden mast collar with provision for halyard and turning block attachment.
- Two 10" 4-bolt cleats forward mid deck and aft.
- Self-draining foredeck anchor locker with drain and stainless pad eye to secure end of anchor rode.
- Two recessed deck scuppers.
- Custom stainless steel mid-rail chock fitted into each toerail.
- Pulpit, stern rail, and stanchions custom fabricated stainless steel, thru-bolted with backing plates.
- Double lifelines stainless steel cable with port and starboard boarding gates with braced stanchions.
- All lifeline terminals and turnbuckles are swaged stainless steel.
- Stainless steel handrails.
- Solid teak toe rails.
- Custom stainless steel anchor roller.
- Halyards, reefs, outhaul and vang, led aft.
- (2) Wichard fold down pad eyes

WINCHES

- All Winches Lewmar Ocean Series
- Main sheet/main halyard led to Lewmar #46CST two-speed.
- Genoa halyard and two reefing lines led through a double stopper to Lewmar #46CST two speed winch, mounted on aft cabin top.
- Primaries - two Lewmar 58CST self-tailing winches.
- Three winch handles.

STEM HEAD

- Custom stainless steel anchor roller.

STANDING RIGGING

- Rod Rigging
- Spreader boots, and turnbuckle covers.

RUNNING RIGGING

- All line color coded
- Mechanical boom vang led aft
- Main halyard with headboard shackle.
- Genoa halyard with snap shackle.
- Dacron braid main sheet.

- Dacron braid genoa sheets.
- Traveler control lines.
- Jiffy reefing lines.

ACCOMMODATIONS

- Scandvik polished SS double galley sink.
- 6'6" headroom in main and aft areas, with 6'4" headroom in forward sections.
- Forward cabin has a 6'10" berth
- Main cabin has (2) 6'5" settee berths, port side converts to double.
- Aft-cabin with 6'10" long, full width, double berth.
- Storage in aft-cabin settee.
- Refrigerator Drawer style, Vitrifrigo DW100, AC/DC, SS
- Freezer built in box, Isotherm BI53, AC/DC
- Propane Force 10 stove with oven.
- Ample drawers in both fore and aft cabins
- Flat panel doors throughout. Shoji screens on berth back lockers.
- Large cedar lined hanging lockers in forward and aft cabins.
- Optimized area for instrument installation, storage locker space and panel arrangement at the chart table.
- Main cabin berth backs with cabinets with Shoji screen doors port and starboard.
- Forward head with separate stall shower.
- Aft cabin equipped with vanity sink, mirror, hanging locker, and upholstered seat.
- All berths provided with thick foam cushions covered with a durable fabric, zippered for ease of removal and cleaning.
- Quiet Flush fresh water flush MSD w/macerator pump.
- Lights in hanging lockers.

VENTILATION AND LIGHT

- 7 Lewmar polished Ocean Series deck hatches with wood framed screens.
- 4 main cabin recessed fixed port lights of Marguard Lexan.
- 2 stainless steel cowl vents.
- 8 Stainless Steel and 2 polished aluminum opening ports with screens.
- Acrylic sliding companionway hatch w/frp spray hood and solid teak hatch boards.
- Screened hatch boards.

SABRE 426 FEATURES

- Fully equipped Sabre custom tool drawer.
- Cockpit locker light.
- 4 type A; B; C fire extinguishers.
- Activated carbon water filter.
- Marelon flush thru-hulls with sea valves.
- Varnished interior cherry finish.
- Sealer only on cabin sole. Final finish TBD with client and dealer
- Automatic electric bilge pump.
- Manual, cockpit mounted bilge pump.
- Laminated cherry trim on all counters and shelving.
- Cherry hull ceilings.

Designed by Jim Taylor and the Sabre Design Team. All specifications are approximate and subject to change without notice.

12/11