

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.
- Remote oil sump drain.
- Engine oil drip pan.
- Flexible four 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, volt, oil, and temperature gauges are recessed in cockpit face.
- Fuel gauge mounted at nav station.

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.
- Tri-sect masthead with 3 forward halyard sheaves
- 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
- 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 25 Inverter/charger
- Microwave oven in galley

DECK HARDWARE

- Inboard genoa tracks are 1 1/4" x 3/16" x 12' aluminum T-track.
- Inboard tracks are recessed into the deck tooling.
- Stainless steel cowl vents.
- Stainless companionway handrail.
- Inboard tracks supplied with end stops and (2) Lewmar twin sheet lead blocks.
- Five part main sheet with Lewmar Ocean Racing blocks led to ball bearing cabin top traveler, and aft to a Lewmar #44CST two-speed winch.
- Custom 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.
- Teak 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.
- Two 10" chrome winch handles, one 10" chrome lock-in.

STEM HEAD

- Custom stainless steel anchor roller.

STANDING RIGGING

- Rod Rigging
- Spreader boots, shroud covers, 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.
- Sea Frost 12 Volt DC refrigerator in ice box
- 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.
- 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.
- Double drawer type stainless steel refrigerator.
- Propane Force 10 stove with oven.
- 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.

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