



ALERION EXPRESS 30

SPECIFICATIONS

2018

| | |
|--------------------------|--|
| Length Overall | 30' 1" |
| Length Water Line | 24' 5" |
| Beam | 8' 9" |
| Draft | 5' 0" |
| Air Draft | 41' 11" |
| Displacement | 6,424 lbs. |
| Ballast | 2,650 lbs. |
| Sail Area | 465 sq. ft. |
| Sail Area/Disp | 21.4 |
| Aux. Engine | 12 hp Volvo diesel w/ Saildrive |

Hull

- Infusion-molded GRP with biaxial and unidirectional E-glass reinforcing fabrics
- Aircraft grade, end-grain Balsa core
- Vinyl ester resin gelcoat reinforcing layer
- White gelcoat hull color
- Molded gelcoat single boot in owner's choice of color
- Epoxy barrier coat plus antifouling bottom paint
- Single-piece structural grid w/integral bulkheads, keel floor, engine bed, mast step and longitudinal stringers bonded with Plexus
- E-glass and foam core structural bulkheads bonded to hull and deck with Plexus

Deck

- Infusion molded GRP with biaxial reinforcing fabrics and foam core w/extreme 2000 inserts
- White deck with molded buff nonskid
- Flange type hull to deck joint bonded with Plexus
- Teak toerail

Steering

- Laminated teak tiller with extension
- High-strength stainless steel rudder shaft and polished stainless steel rudder head
- Carbon-fiber reinforced rudder blade; high aspect ratio, balanced spade type
- Low-maintenance, Jefa self-aligning bearings

Keel

- Fin with integral flared bulb for low center of gravity
- One-piece lead casting alloyed with antimony, bolted to molded keel sump with 316 grade stainless steel bolts

Mast and Boom

- Carbon-fiber Offshore Spars mast
- Aluminum boom
- (2) Sets of aluminum spreaders
- G-10 mast step
- Mainsail luff track with ball bearing cars
- Masthead anchor light
- Steaming light
- "Moon dust" Awlgrip finish on boom and mast
- Rigid boom vang
- Windex

Standing Rigging

- Wire rigging with open body turnbuckles
- Internal stainless steel headstay foundation
- Stainless steel recessed chainplates through-bolted to reinforced hull

Running Rigging

- Tapered Spectra main and jib halyards
- Mainsheet with 2:1 coarse and 6:1 fine tune led to Barney post
- Self-tacking single jib sheet led through seahood to cockpit face with coarse and fine tune
- Single-line reefing / lazy jacks for mainsail
- Jib furler, outhaul and traveler control lines

Deck Hardware & Equipment

- Underdeck headsail furling unit
- Cabintop self-tailing stainless 35.2 winches
- (2) winch handles
- Running rigging blocks



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Deck Hardware & Equipment (continued)

- Flush-mount safety reboarding ladder
- Spinlock rope clutches
- Deck organizers
- 4:1 mainsheet traveler with cockpit control lines
- (1) Lewmar foredeck hatch
- (4) Stainless steel oval portlights
- Teak flag staff and deck-mounted socket. Flag.
- Teak handrails on cabin house top
- Companionway sliding hatch with seahood and Lexan washboards
- Starboard cockpit storage locker
- Large transom storage locker
- Large, molded forward anchor locker
- (4) Stainless steel mooring cleats fwd and aft
- (2) Stainless steel mooring cleats amidships
- Companionway and cockpit hatch locks
- Deck fills for fuel and waste
- Cockpit mounted bilge pump w/handle

Interior Joinery

- Molded bulkheads with teak trim
- Molded shelves with teak fiddle
- Solid teak framed doors with plywood panels
- Furniture is molded fiberglass in modules, integral with the internal hull structure and capped with solid teak trim and fiddles
- Molded white tongue & groove style ceiling & sides
- Varnished teak and holly cabin sole
- Interior varnish (finish)

Forward Cabin

- V berth with storage under berth
- Cushions for v berth

Main Cabin

- Settees port and starboard w/cushions
- Shelves outboard of settees
- Storage in port and starboard side seatbacks

Galley

- Dry storage lockers
- Single burner stove top
- Corian countertops w/molded sink and foot pump
- Cooler

Head

- White molded GRP pan
- Plumbed marine head w/Y valve, holding tank

Electrical

- 12 volt DC system designed to ABYC
- All wiring tin-plated to inhibit corrosion
- All wiring coded for ease of identification
- Bonding system
- DC master panel with analog meter and magnetic circuit breakers
- Battery switch
- (2) 12 volt AGM batteries
- (2) LED reading lights
- Overhead LED lighting in galley and head

Navigation Lights

- Port and starboard LED stemhead lights
- LED stern light mounted on aft deck
- LED anchor light

Engine

- 12 HP Volvo diesel w/ Saildrive
- Two-blade Gori folding propeller
- Integrated GRP engine bed and oil pan
- Through-transom wet exhaust
- Waterlock muffler
- Single-lever engine control

Tankage

- 15 Gallon fuel tank
- 9 Gallon marine holding tank
- 5 Gallon fresh water bladder tank



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Optional Equipment

- 44" Edson teak wheel, with (2) add'l winches on port & starboard cockpit islands
- Electric winches (with wheel option)
- Asymmetric w/carbon bow sprit, sheets, halyards, blocks
- Removable cockpit table
- Stern-mounted rigid swim ladder
- Bow and stern pulpits w/lifelines and gates
- Synthetic Teak cockpit sole
- Shelves in V berth, port and starboard
- Bulkhead-mounted compass
- Hoyt Jib Boom w/ light air extender
- Safety Kit (PFDs, fenders, dock lines, anchor w/rode)
- Shorepower with battery charger
- Hella Turbo fans in forepeak berth and cabin
- Electronics per Owner specification
- Gold cove stripe

**Specifications subject to change without notice*