



ALERION EXPRESS 38

STANDARD EQUIPMENT

October, 2007

Length Overall	38'-3"	➤ (2) 8" stainless steel mooring cleats. (4) 10" mooring cleats
Length Water Line	30'-1"	➤ Companionway sliding hatch with seahood and washboards
Beam	10'-8"	➤ Molded GRP seat lockers
Draft	5'-11"	➤ Molded GRP gas locker with 1x10 lb. aluminum LPG tank
Air Draft	56'-3"	➤ Port and starboard cockpit coaming bins
Displacement	13,000 lbs	➤ (2) Harken B46 2 sp. Electric winches
Ballast	6000 lbs	➤ Lewmar Superlock rope clutches
Sail Area	879 sq ft	➤ Hoyt Jib Boom by Hall Spars
Sail Area/Disp	23.5	➤ Jib Boom light air extender
Aux. Engine	39 HP at 3000 rpm	➤ Harken 6:1 Mainsheet traveler track with cockpit control lines

Hull Shell

- Infusion Molded (SCRIMP) GRP with biaxial and unidirectional E-glass reinforcing fabrics
- End Grain balsa core
- Vinyl ester resin gelcoat reinforcing layer
- White gel coat hull color
- Molded and tapered single gelcoat bootstripe – Owner's choice of color

Hull Structure

- Keel floors, keel sump, engine bed, mast step and longitudinal stringers are integrally molded with the hull during the SCRIMP process

Deck

- Resin infused (SCRIMP) GRP sandwich structure with biaxial reinforcing fabrics, end grain balsa
- White deck with molded smoke white nonskid

Hull to Deck Joint

- Flange type bonded with Plexus MA550 adhesive (ABS approved)
- Full length teak toerail

Ballast Keel

- Fin with integral bulb for low center of gravity
- One-piece lead casting alloyed with antimony bolted to molded keel sump with 304 grade stainless steel bolts

Structured Bulkheads

- Marine grade plywood bulkheads bonded to hull and deck

Interior Joinery

- Furniture is Formica covered plywood with teak corner posts and teak fiddle rails
- Varnished teak and holly cabin sole
- The underside is sealed with epoxy
- Teak lywood cabin house sides, solid teak trim, teak hull ceilings

Deck Hardware

- (3) Brushed aluminum deck hatches over forward cabin and main cabin
- Vent hatch over head compartment.
- Stainless steel port lights
- Custom stainless steel stemhead fitting
- Teak handrails on cabin house top

- Deck fills for fuel and water tanks
- Holding tank pump out deck plate
- Ritchie Binnacle mounted Compass
- Self draining Cockpit with port and starboard drains
- Cunningham and Quick Vang adjustments lead into cockpit.

Steering

- Edson 336 211T Pedestal Steering
- 48" Teak Wheel
- Stainless Steel rudder shaft with composite rudder blade
- Balanced spade rudder with Elliptical blade profile
- Low maintenance self-aligning bearings

Chainplates

- Stainless steel headstay tang integral with stemhead fitting.
- Stainless steel main chainplates thru bolted to interior structure

Mast and Boom

- Pre preg carbon by Hall Spars
- Carbon fiber gooseneck
- Lazy jack sail retrieval system
- G-10 Mast step
- Steaming light
- Masthead anchor light
- Aluminum boom
- "Moondust" Awlgrip finish on boom and mast
- "Quik Vang" boom vang
- (2) sets of aluminum spreaders

Standing Rigging

- Navtec Continuous Rod rigging
- All rigging is Nitronic 50

Varnish

- Interior and Exterior



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Running Rigging

- Tapered spectra main halyard runs below deck to cockpit
- Jib halyard runs below deck
- Mainsheet runs below deck to cockpit
- Jib Sheet runs below deck to cockpit
- Jib furler and outhaul lines run below deck to cockpit
- Single line reefing runs below deck to cockpit
- Mainsheet traveler lines run below deck to cockpit

Forward Cabin

- V berth and storage under
- Bureau to Port & Starboard with 2 drawers and storage
- Teak and holly sole
- Teak ceilings
- Deck Hatch
- Cushions are 4" laminated foam
- Overhead light, Vinyl head liner

Main Cabin

- Settees port and starboard
- Shelves outboard of settees
- Hanging locker aft to port
- Varnished teak and holly cabin sole with access to bilge
- Teak hull ceiling
- Electrical panel on port side settee

Galley

- Storage lockers outboard
- Icebox (approx) 6 cubic ft. top opening with shelf, minimum of 4" insulation
- Formica counter tops
- Stainless steel sink
- Hot/cold mixing faucet
- Icebox drain to bilge
- LPG stove, 2 burners with oven

Head Compartment

- White molded GRP pan
- Teak grate floor
- Electric Raritan PHII marine toilet
- Combination shower sink faucet
- Stainless steel sink and vanity
- Storage lockers outboard
- Locker under vanity
- Mirror
- Deck hatch

Interior Décor

- Removable plywood/vinyl panels with teak trim
- Teak hull ceilings in main cabin and v berth
- Formica plywood bulkheads with teak trim
- Formica locker interiors/bunk tops and Shelves
- Laminated teak door frames
- Solid teak doors with plywood panels
- Varnished teak and holly cabin sole
- Interior cushions for v berth, settees and backrests are owners choice of color

Electrical System

- 12 VDC System designed to ABYC
- All wiring is tin-plated to inhibit corrosion
- All wiring is coded for ease of identification
- Bonding system
- DC master panel with analog meter and magnetic circuit breakers
- Battery switch
- (2) 4D Gel cell batteries
- (4) Halogen reading lights
- Xantrex battery monitor

Navigation Lights

- Combination light mounted at stemhead
- Stern Light mounted on aft deck
- Anchor Light
- Overhead lights are red/white

Mechanical

- 40 HP Yanmar Engine 3JH4CE with sail drive
- 2 blade folding propeller
- GRP engine bed and oil pan
- Through transom wet exhaust
- Waterlock muffler
- Single lever engine control
- Neutral safety switch

Tankage

- 26 gallon aluminum fuel tank
- 45 Gallon PVC Fresh water tank
- 6 gal Water heater with engine heat exchanger
- 18 gallon polypropylene holding tank

Plumbing

- Hot and cold pressure water service to galley and head compartment
- Accumulator tank
- Manual bilge pump
- Electric Bilge pump with float switch

Marine Head

- Electric Raritan PH-2 with "Y" valve
- Holding tank (18 U.S. gal.) with deck pump out
- Stainless steel sink in head
- Combination faucet and shower

Equipment

- 2 x 10 inch lock in winch handles
- 48" teak ensign staff
- Companionway and cockpit hatch locks
- (2) deck plates Keys
- Owner's manual
- Equipment manuals (Owners manuals for builder-installed equipment, pumps, winches, etc.)
- Bilge pump handle
- Running Rigging blocks

* All specifications are subject to change without notice.