



ALERION EXPRESS 33

STANDARD EQUIPMENT

October, 2007

Length Overall	33'-0"
Length Water Line	26'-4"
Beam	9'-3"
Draft	5'-0"
Air Draft	46'-0"
Displacement	8700 lbs
Ballast	3300 lbs
Sail Area	609 sq ft
Sail Area/Disp	23.1
Aux. Engine	20HP

- (4) 10" stainless mooring cleats
- (2) 8" stainless steel midship mooring cleats
- Companionway sliding hatch with seahood and washboards
- Molded port and starboard lazarette hatches with automatic courtesy lights
- Harken B46 2 sp. Electric winch (main)
- Harken B44 2 speed manual winch to starboard (Jib)
- Rope clutches: Lewmar Superlock
- Hoyt Jib Boom by Hall Spars
- Jib Boom light air extender
- Harken 6:1 Mainsheet traveler track with cockpit control lines
- 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

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

Steering

- Edson 336 211T Pedestal Steering
- 36" Stainless steel wheel
- Stainless Steel rudder shaft with composite rudder blade
- Rudder blade is elliptical profile, low drag section balanced spade type
- Low maintenance self-aligning bearings

Hull Structure

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

Chainplates

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

Deck

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

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

Hull to Deck Joint

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

Standing Rigging

- Navtec Continuous Rod rigging
- All rigging is Nitronic 50

Ballast Keel

- Fin with integral bulb for low center of gravity
- One-piece lead casting alloyed with antimony bolted to molded keel sump with 1" diameter 304 grade stainless steel bolts

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 line runs below deck to cockpit
- Mainsheet traveler lines run below deck to cockpit

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

Deck Hardware

- (2) Lewmar deck hatches over forward cabin and main cabin
- Deck hatch over head compartment
- (4) Stainless steel oval portlights
- Custom stainless steel stemhead fitting
- Teak handrails on cabin house top

Forward Cabin

- V berth and storage under
- Deck Hatch
- 4" laminated foam cushions



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- Overhead light,
- Vinyl head liner

- Through transom wet exhaust
- Waterlock muffler
- Single lever engine control
- Neutral safety switch

Main Cabin

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

Tankage

- 18 US Gallon polypropylene fuel tank
- 16 US Gallon PVC fresh water tank
- 11 US gallon PVC holding tank

Galley

- Storage lockers outboard
- Origo alcohol Stove
- Isotherm DI 40 DC refrigerator (top loaded)
- Formica counter tops
- Stainless steel sink

Equipment

- (2) Harken 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

Head Compartment

- White molded GRP pan
- Raritan PHII marine toilet with y valve
- Stainless steel sink
- Storage lockers outboard
- Locker under vanity
- Mirror
- Deck hatch

*** All specifications are subject to change without notice**

Interior Décor

- Removable plywood/vinyl panels with teak trim
- Teak hull ceilings in main cabin
- 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
- Overhead lighting in galley and head

Navigation Lights

- Combination light mounted at stemhead
- Stern Light mounted on aft deck
- Anchor light

Mechanical

- 20 HP Yanmar 3YM20C engine with sail drive
- 2 blade folding propeller
- GRP engine bed and oil pan