



ALERION CRUISING 41

STANDARD EQUIPMENT
2017

Length Overall	40' 6"
Length Water Line	30' 6"
Beam	11' 6"
Draft	6' 6"
Shoal Draft (optional)	5' 0"
Air Draft	56' 0"
Displacement	15,600 lbs.
Ballast	4,865 lbs.
Sail Area	942 sq. ft.
Sail Area/Disp	23.5
Aux. Engine	40 hp Volvo diesel w/Saildrive

Hull

- Infusion-molded GRP with biaxial and unidirectional E-glass reinforcing fabrics
- End grain balsa core
- Vinyl ester resin gelcoat reinforcing layer
- White gelcoat hull color with bottom paint
- Molded and tapered single gelcoat bootstripe - Owner's choice of color
- Keel floors, keel sump, engine bed, mast step and longitudinal stringers are integrally molded with the hull during the infusion process
- Marine grade plywood structured bulkheads bonded to the hull and deck with Plexus

Deck

- Resin-infused GRP sandwich structure with biaxial reinforcing fabrics and end grain balsa
- White deck with molded buff nonskid
- Flange type hull to deck joint bonded with Plexus
- Full-length teak toerail
- Bow and stern chocks cap ends of toerail
- Amidship chocks (4) are set in integrally with toerails
- Chocks are chrome-plated and fitted with stainless steel chafe guards at hull edge

Keel

- One-piece cast lead fin with integral bulb for low center of gravity
- One-piece lead casting alloyed with antimony, bolted to molded keel sump with 1" diameter 316 grade stainless steel bolts
- Fin is faired to hull with seam over-laminated with biaxial glass
- Finished with interprotect epoxy barrier coat

Mast and Boom

- Carbon-fiber Hall Spars mast w/carbon gooseneck
- Aluminum spreaders
- Hoyt Jib Boom w/light air extender
- Aluminum Boom
- "Moondust" Awlgrip finish on booms and mast
- Hall QuikVang solid boom vang
- Lazy jack mainsail retrieval system
- G-10 mast step
- Steaming light
- Masthead anchor light
- Windex

Cockpit

- Removable teak cockpit table finished with high-gloss, two-part varnish with flush base in sole
- Teak trimmed Alerion cockpit with molded line boxes forward
- Teak cockpit sole
- Port settee has hatch for access to below deck locker
- Self-draining to IMO standards
- Winch islands located port and starboard forward of helm area with primary electric rewind winches recessed in islands with rope tail bins below
- Emergency tiller and upper rudder bearing access plate in surface of helm seat
- Engine panel, winch switches and manual bilge pump mounted in helm area



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Steering

- Edson destroyer wheel, pedestal-mounted in cockpit, with varnished teak or leather covered rim, and Ritchie binnacle magnetic compass
- Integral shaft brake. Stainless steel guard with instrument pod
- Side-mounted, single-lever engine control on starboard side
- Low-maintenance, self-aligning bearings
- Balanced spade rudder with elliptical blade profile

Standing Rigging

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

Running Rigging

- Main halyard led below deck to cockpit
- Jib halyard led under deck
- Mainsheet led under deck to cockpit
- Jib sheet led under deck to cockpit
- Headsail furling line led under deck to stbd. winch
- Cunningham and vang lines led to cockpit
- Single-line reefing line led under deck to cockpit
- Mainsheet traveler lines run under deck to cockpit

Interior

- All interior teak is varnished
- Tongue and groove white beadboard overhead panels with varnished wood accent strips
- Varnished teak and holly cabin sole
- Wood laminate bulkheads with teak trim
- Wood laminate locker interiors/bunk tops and shelves
- Laminated teak door frames
- Removable plywood/vinyl panels with teak trim

Interior (continued)

- Solid lumber louvered panel doors with push button positive latches
- Interior cushions for v berths, settees and backrests from Sunbrella all in owner's choice of color
- Furniture is wood laminate with varnished teak corner posts and fiddle rails
- (2) hanging lockers, one forward, one aft
- Bureau to starboard in forward cabin; drawers and storage under forward berth
- V berths in forward and aft cabins

Main Cabin

- Settees port and starboard w/shelves behind (convert to 2 single berths)
- Overhead LED lighting
- Cabin sole has access to bilge
- Teak table finished with high-gloss, two-part varnish and fitted with foldout leaves and drawers
- Storage cabinet located behind starboard settee
- Convertible navigation table with LED light

Galley

- Corian counter tops in owner's choice of color
- Stainless steel double sink
- Hot/cold mixing faucet
- Top-loading Isotherm refrigerator in countertop, with high-efficiency vacuum panel insulation
- Drawer style fridge in aft galley bulkhead
- Two-burner LPG cooktop w/ electric solenoid shut-off
- Microwave
- Storage lockers outboard
- Overhead LED lighting



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Head

- Electric fresh-water head with holding tank equipped with deck pump out and off-shore overboard discharge
- Shower with hot and cold mixing faucet
- Stainless steel sink w/vanity and mirror
- White molded GRP pan
- Storage lockers outboard
- Locker under vanity
- Lewmar deck hatch
- Teak floor grate

Plumbing

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

Electrical

- 12 volt DC 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
- Electrical panel on port side settee in main cabin
- Xantrex battery monitor
- Battery switch
- (2) 4D Gel cell batteries

Navigation Lights

- Combination LED navigation light at stemhead
- LED stern light
- LED anchor light

Anchor

- Lewmar electric windlass
- Retractable stainless steel bow roller
- Anchor w/chain and rode

Tankage

- 26 Gallon aluminum fuel tank
- 45 Gallon PVC fresh water tank
- 6 Gallon water heater with engine heat exchanger
- 18 Gallon polypropylene holding tank

Engine

- 40 hp Volvo diesel w/ Saildrive
- Gori two-blade folding propeller
- Integrated GRP engine bed and oil pan
- Through-transom wet exhaust
- Waterlock muffler
- Single lever engine control
- Neutral safety switch

Deck Hardware & Equipment

- Harken Mk IV headsail furler
- Harken 46RWC self-tailing, electric rewind winches, on islands port and starboard, forward of helm
- Winch buttons mounted on aft cockpit faces, accessible to helmsperson
- Harken 20 STC radial self-tailing cabintop winches
- (2) Harken 2x10" locking winch handles
- Rigging & blocks for sail controls
- Harken 6:1 mainsheet traveler with control lines
- Rope clutches
- (3) Lewmar brushed aluminum deck hatches over forward and main cabin
- Lewmar vent hatch over head compartment
- (6) Stainless steel elliptical port lights
- Teak handrails on cabin house top

(Deck Hardware continues on next page)



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Deck Hardware & Equipment (continued)

- (4) Stainless steel mooring cleats, forward and aft
- (2) Stainless steel midship mooring cleats
- Companionway sliding hatch with seahood and Lexan washboards
- Companionway and cockpit hatch locks
- Molded GRP seat lockers
- Molded GRP gas locker with 1x10 lb. aluminum LPG tank
- Port and starboard cockpit coaming bins
- Deck fills for fuel and water tanks
- Holding tank pump out deck plate
- Self-draining cockpit with port and starboard drains
- 48" Teak ensign staff
- Lewmar high-polish finish aluminum deck skylights in aft cabin, forward cabin foredeck, and head
- Custom coach roof port located starboard in cockpit face for aft cabin
- (2) Deck plates keys
- Bilge pump w/handle
- Safety re-boarding ladder in transom

Optional Equipment

- Oceanvolt SD 10 electric propulsion
- Stern pulpit with lifelines and gates
- Teak deck
- Fold-down transom w/swim platform
- Air conditioning
- Bow thruster
- Shoal draft keel (5')
- Cockpit/wheel covers
- Bimini and / or dodger
- Cockpit cushions
- Fischer Panda Generator
- LPG stove w/oven
- Cockpit shower
- Varnished teak interior cabin sides
- Electronics package
- Asymmetric downwind sail package (includes sail, winches, sheets, halyards, blocks)
- Custom furling or V boom
- Sail Away Kit (PFDs, docklines, fenders, fender covers, and first aid kit)

**All specifications are subject to change without notice*