



ALERION EXPRESS 28

STANDARD EQUIPMENT

October, 2007

Length Overall	28'-3"
Length Water Line	22'-10"
Beam	8'-2"
Draft	4'-6"
Air Draft	40'-0"
Displacement	5700 lbs (including ballast)
Ballast	2200 lbs
Sail Area	352 sq ft
Sail Area/Disp	17.7
Aux. Engine	14HP Diesel with Saildrive

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 molded integrally with the hull during the SCRIMP process

Deck

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

Hull to Deck Joint

- Flange type joint 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 (General)

- Marine grade plywood bulkheads with white, low maintenance laminate
- 3" urethane foam cushions with Owner's choice of fabric
- Sealand Portable head
- 38 qt. icebox / companionway step w/teak and holly lid
- Teak and holly cabin sole

Steering

- laminated teak tiller w/extension
- GRP rudder with stainless steel tube shaft and internal stainless steel tangs
- Balanced spade rudder with elliptical profile and low drag section

Plumbing

- Manually operated bilge pump in cockpit
- Electric bilge pump with float switch
- Oversized cockpit and side deck drains

Electrical

- 12VDC system built to A.B.Y.C. standards
- 12 Volt Starting battery
- Bass electrical panel w/8 circuit breakers
- Guest battery switch
- (2) swivel reading lights
- (2) overhead dome light
- Navigation lights
- Mast and chainplates grounded to keel for lightning protection to meet A.B.Y.C. standards

Deck Hardware

- Two Lewmar #7A winches
- Roller furling for 100% self tacking jib with portside sheeting
- Harken mainsheet led to 4:1 traveler system mounted on aft deck
- Harken mainsheet cam base and block mounted on a barney post
- Two 10" aluminum winch handles
- Custom curved Harken track for self tacking jib system
- Adjustable (8:1) backstay below deck with lead to cockpit
- 19"x19" Lewmar deck hatch with smoke tint
- (4) fixed elliptical Bomar portlights
- 8" mooring cleats: 2 forward, 2 aft, 2 midship
- Custom-cast chocks for forward and midship cleats
- Teak and lexan companionway hatch slider with lexan drop-in washboard
- Halyards led aft thru deck mounted Harken fairleads and triple clutch stoppers port and starboard
- Custom stainless stemhead with welded jib tack and fair lead ring
- Teak handrails on cabin house
- Teak toe rail
- Self draining cockpit
- Flag, teak flag pole and socket

Standing and Running Rigging

- 1x19 stainless wire standing rigging with open barrel turnbuckles
- Continuous rigged system for easy rig tuning
- Custom port and starboard chainplates
- Internal main and jib halyards
- Lazy-jacks and single line reefing for mainsail
- Hall Quick Vang system

Engine

- Yanmar Diesel Saildrive, 2cyl., 14 H.P.

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