



ALERION EXPRESS 20

STANDARD EQUIPMENT

October, 2007

Length Overall	20'-0"
Length Water Line	17'-1"
Beam	6'-10"
Draft	3'-6"
Air Draft	30'-8"
Displacement	1900 lbs (including ballast)
Ballast	780 lbs
Sail Area	220 sq ft
Sail Area/Disp	22.95

Hull Shell

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

Deck

- GRP sandwich structure with biaxial reinforcing fabrics, and end grain balsa core
- White deck with molded nonskid

Hull to Deck Joint

- Flange type bonded with Plexus MA550 adhesive (ABS approved)
- 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

Steering

- Stainless steel rudder shaft with composite rudder blade
- Balanced spade rudder with elliptical blade profile
- Low maintenance self-aligning bearings
- Laminated teak tiller with extension
- Stainless steel rudder head

Plumbing

- Manual cockpit bilge pump operable from helm

Bonding

- Mast and chainplates bonded to meet ABYC standards

Interior

- Interior bulkheads from marine grade plywood bonded to hull and deck with biaxial glass and vinylester resin
- Interior finished in off white gelcoat
- Inflatable flotation tanks

Deck Hardware

- Mainsheet system 3:1 ratio with fiddle blocks
- Reef system with hook and 2:1 purchase
- Rope clutches for main and jib halyards
- Vang w/6:1 purchase
- Stainless steel chainplates and stemhead fitting
- Roller furling unit with furling line lead to cockpit
- Mooring cleats, 2 aft, 1 forward with 2 bow chocks
- (2) line bags
- Ensign, staff and socket
- Color coded sheets and lines
- Teak toerails and coaming caps
- (2) seat lockers
- Gear locker at helm
- Bare teak seat edge trim
- Jib sheet tracks and cars port and starboard
- bilge access via plastic cockpit grate

Sails

- Main and Jib

* All Specifications are subject to change without notice

