



## ***STANDARD SPECIFICATIONS***

### ***HULL***

- NPG Isophthalic gelcoat
- Modified epoxy vinylester laminating resin
- Partially cored with CNC computer cut closed-cell synthetic foam coring
- Locally reinforced in high-load areas
- Laminated in “one shot” resin infusion process eliminating secondary bonding of structural materials
- All hull penetrations made through solid E-glass laminate “core windows”
- Interior surfaces painted out for aesthetics
- Internal structural grid designed to carry rig and keel loads, bonded and glass-taped into hull
- UL and ABS approved, corrosion free Marelon flush through hull fittings
- Built to meet ABS Plan Certification
- Transferrable 10-year hull structural and blister warranty

### ***DECK***

- NPG Isophthalic gelcoat
- Modified epoxy vinylester laminating resin
- CNC computer cut sealed premium coring
- Locally reinforced in high-load areas
- Laminated in “one shot” resin infusion process eliminating secondary bonding of structural materials
- All deck penetrations made through solid E-glass laminate “core windows”
- Interior surfaces painted out for aesthetics
- Molded nonskid surface on working areas
- Two color deck, sand and white or gray and white
- 6061 T6 aluminum backing plates added at lamination for all loaded hardware
- Inward-facing hull flange with integrally molded 6061 T6 aluminum bar forming a full length backing plate for hull-to-deck joint
- Hull-to-deck joint fasteners, stainless steel and meet or exceed ABS standard for offshore use
- Hull-to-deck joint bonded with 3M 5200 adhesive sealant

### ***RUDDER & STEERING SYSTEM***

- Carbon-fiber rudder post autoclave-molded for high strength and low weight
- High density, closed cell urethane foam rudder blade with modified epoxy reinforced skins
- Gator rudder post seal
- Self-aligning roller rudder bearings
- Twin wheel system using cable-style radial steering
- (2) custom pedestals with integrated electronics mounting
- (2) stainless steel wheels
- (2) stainless steel pedestal guards



- Single-lever engine control with removable handle
- (2) 4-1/2" (114 mm) flush mount compass with cover
- Emergency Tiller

#### **DECK HARDWARE**

- (2) Harken 46 STC (self-tailing chrome) primary genoa winches
- (2) Harken 40 STC (self-tailing chrome) cabin top winches
- (9) Spinlock rope clutches for aft-led sail controls
- Harken self-tacking jib traveler with double-ended jib sheet led aft to cockpit winches
- Harken aft lead control blocks
- Harken turning blocks at base of mast for aft-led sail control
- Harken mainsheet traveler with double-ended sheet led to cockpit winches
- (3) Harken aluminum winch handles
- 27" x 1 1/8" diameter stainless steel stanchions
- 27" x 1 1/8" tube double stainless steel bow rail with navigation light
- 27" x 1 1/8" tube double stainless steel split stern rail with navigation light
- 1 x 19 double lifelines with port, starboard, and transom boarding gates
- Custom stainless steel stem fitting with integral bow roller
- Teak toe rails through bolted to hull flange (aluminum rails nc option)
- (4) custom rail mount chocks for mooring cleats
- (6) stainless steel 10" mooring cleats
- Custom stainless steel mast collar with multiple attachments for blocks
- Companionway hatch sea hood with instrument pod
- Match molded anchor locker lid with latch
- Offshore ready, match molded, and gasketed cockpit seat hatches
- Deck drains to waterline discharge, eliminates hull streaking
- Stainless steel cabin top handrails
- Manual cockpit-mounted bilge pump
- Hinge-down swim platform with a retracting stainless steel swim ladder

#### **VENTILATION**

- (6) stainless steel unlimited offshore CE approved deck hatches
- Screens and blinds for deck hatches
- (12) cabin side mounted stainless steel portholes with fly screens
- (2) cockpit-mounted stainless steel portholes with fly screens
- (2) polished chrome 4" cowl vents on teak/FRP Dorade boxes with stainless steel guards
- Lexan sliding companionway hatch with solid teak hatch doors and trim

#### **ENGINE & MECHANICAL**

- 50 hp diesel with saildrive and three-blade folding prop
- 40-gallon fuel tank capacity with remote gauge
- Fuel filter/water separator
- Lead-lined engine compartment insulation



- Engine service access forward, top, sides, and aft

#### ***ELECTRICAL***

- Batteries: (3) Group 31 AGM house batteries, (1) AGM Group 31 emergency start battery
- 30 AMP battery charger
- Polished chrome and stainless steel interior lighting fixtures with LED lights
- Automatic lights in hanging lockers, main cabin lockers, and refrigerator compartment
- Service lighting in engine compartment and deck lockers
- Directional reading lights at berths and main cabin settees
- Directional spotlights over main cabin table
- Recessed, dimmable spotlights in main, forward, and aft cabins
- Interior, cockpit, and swim platform courtesy lighting
- 30 AMP shore power service with cord
- 110 VAC digital metered distribution panel
- 110 VAC shore power outlets in each cabin with GFI protection
- USB chargers at 110VAC outlets where applicable
- 12 VDC digital metered distribution panel
- 12VDC USB outlet in panel and cig type at helm
- Battery selector switch
- Electrical bonding system
- Electric sump pump with automatic float switch for icebox and shower drains
- Electric bilge pumps with automatic float switches and manual override
- High water bilge alarms
- Stranded, tinned copper wiring
- Wiring bundled in PVC conduit with room for future installations
- All wiring chafe protected where it passes through internal structure
- ABYC compliant color coded wiring throughout
- USCG approved navigation lights on bow rail, stern rail, and mast

#### ***INTERIOR***

- Structural fiberglass timbers bonded to hull to carry mast and keel loads
- Structural bulkheads bonded to hull and deck
- Choice of maple or cherry hardwood interior build out available
- Solid stock trim throughout
- Solid stock raised panel cabinet doors throughout
- Solid stock raised panel passage doors in hardwood jambs
- Polished chrome mortised door lock sets
- Solid stock cabinet faces throughout
- Positive lock cabinet hardware
- Solid stock, dovetail joined, all wood drawers throughout
- Solid hardwood main cabin table with Tartan logo inlay and centerline drawer storage
- Tongue and groove solid hardwood hull sealings in forward cabin
- Easy maintenance overhead of molded FRP panels secured with varnished battens



- Varnished teak and holly cabin sole with teak banded access hatches
- Varnished solid teak handrails placed for security in a seaway
- Interior woodwork sprayed with satin finish two-part conversion varnish
- Ultraleather interior upholstery

#### **ACCOMMODATIONS & STORAGE**

- Forward cabin with storage lockers, hanging locker, shelves, and drawers
- Approximately 78" x 64" berth in forward cabin with quilted mattress
- Furniture-grade main cabin settees and seats with contoured cushions
- Solid hardwood cabinets with ventilated raised panel doors in main cabin
- 76" long sofa-style main cabin settee with slide out extension to form double berth on starboard side
- Large storage outboard of main cabin seat backs
- Forward-facing navigation station with chart storage and drawers
- Navigation cabinets with installation space for extensive electronics
- Aft cabin with lockers, hanging locker, and shelves
- Full width 78" x 56" double berth in aft cabin with quilted mattress
- Storage below berths
- Sail and anchor locker forward
- Cockpit seat locker to port
- Cockpit lazarette hatches port and starboard
- LPG gas bottle storage in cockpit for two 11 lb. (5 kg) tanks

#### **GALLEY & PLUMBING**

- 3-burner Force 10 gimballed LPG stove with oven and broiler
- LPG sniffer with automatic shut off
- Hardwood cabinetry with raised panel access doors
- Hardwood, dovetailed cutlery drawers
- Stainless steel 9" deep double sinks with premium marine grade galley faucet and manual foot pump with swivel spigot
- Granicoat solid surface galley countertops
- Storage under galley sink through ventilated raised panel maple doors
- Two-drawer stainless steel 12 VDC/110 AC refrigerator/freezer
- Hot and cold pressure water with service access to pump and plumbing
- Hot and cold cockpit shower
- Polyethylene tubing and Whale mechanical fittings for freshwater plumbing
- All below waterline hose connections are double clamped with stainless steel hose clamps
- Premium marine grade hoses used throughout
- 100 gallons of freshwater tankage with distribution manifold
- 6-gallon water heater, operates on 110 VAC or engine heat exchanger



### **HEAD**

- Marine head with 30-gallon holding tank
- Holding tank gauge
- Deck pump out with vent
- Y-valve for direct overboard discharge (where legal)
- Holding tank macerator pump for overboard discharge (where legal)
- Low odor premium marine grade sanitation hoses
- Separate stall shower with Plexiglass enclosure and molded seat
- Shower drains to separate sump box with automatic overboard discharge
- Hanging/wet locker outboard of aft shower seat
- Premium marine grade head faucet and shower mixer
- Molded Granicoat solid surface countertop with integral sink
- Utility storage under sink through raised panel maple door
- Solid hardwood upper vanity cabinet with storage and flip-up shaving mirror

### **SPARS & RIGGING MAST**

- AMP Spars painted carbon-fiber mast with sheaves for (1) jib, (1) main, (1) reacher, and (1) spinnaker halyard
- Harken Low friction mainsail track
- Tapered airfoil swept spreaders
- 1x19 stainless steel wire rigging with forged turnbuckles
- Internal halyards
- Harken furler for self-tacking jib
- Harken furler for 155% masthead reacher
- Mast to deck tie-rod to carry running rigging loads
- Masthead anchor light
- Steaming light with foredeck illuminator
- Mast wiring conduit
- Spartite mast sealing and chock system
- Self-amalgamating mast boot tape

### **BOOM**

- AMP Spars painted carbon fiber, conventional tube boom with
- (2) single-line reefs led aft to cabin top winch
- Internal 2:1 outhaul
- Two-part boom topping lift
- Rod vang with tackle led aft

### **RIGGING RUNNING**

- Low-stretch main and forward halyards
- Polyester double-braid jib sheet, reacher sheets and mainsheet
- Polyester double-braid main traveler control lines



- (2) Polyester double-braid reef lines

### **SAILS**

- Fully-battened mainsail with white Sunbrella sail cover
- Dacron self-tacking jib
- Light weight Dacron 155% (of larger reacher J dimension) masthead reacher

### **Factory Options**

- Dark hull color
- Hull rub strake, teak
- Hull rub strake, PVC
- Aluminum toe rail in lieu of standard teak
- Beavertail keel (STD)
- Deep fin keel (NC Option)
- Keel/centerboard
- Teak cockpit table
- Electric main halyard winch, Harken 40 STEC
- Electric cockpit winches in lieu of standard, Harken 46 STEC
- Electric windlass, Quick DP2, includes deck washdown
- Leather covered wheels (2)
- Teak cockpit coamings
- Teak cockpit sole
- 2000W inverter with remote control panel
- 5 cabin fans (FC, MC, AC, Galley, Nav)
- Generator, 3.5kw
- Electric head in lieu of standard manual head, sea water flush
- Vaccu-Flush head in lieu of standard manual head, fresh water flush
- Microwave oven
- Vitra Frigo top-load freezer compartment
- Marine air reverse cycle air conditioning-1unit
- Marine air reverse cycle air conditioning-2 units
- Bow thruster, Quick 185, 7.25" tunnel
- Flat screen HDTV monitor, connected to Fusion stereo for DVD, mast mount air antenna
- Raymarine Coastal electronics package
- Raymarine Offshore electronics package
- Composite pocket boom with Sunbrella cover
- Leisure Furl in boom furling
- Integral split hydraulic backstay adjuster
- Cruise spinnaker gear
- Telescoping whisker pole with mast track, toggle car with taglines and pole topping lift
- 135% Dacron genoa with inboard tracks with pin stop cars in lieu of self tacking jib
- Cruising spinnaker with snuffer



**DESIGN DIMENSIONS**

LOA .....	39 ft 6 in
LWL .....	33 ft 3 in
Beam .....	12 ft 10 in
DRAFT Deep Fin.....	6 ft 2 in
Beavertail .....	4 ft 10 in Keel/
Centerboard .....	4 ft 3 in/8 ft 3 in
<b>DISPLACEMENT</b>	
Deep Fin .....	16,000 lb
Beavertail .....	17,000 lb Keel/
Centerboard .....	17,300 lb
<b>BALLAST</b>	
Deep Fin .....	5,500 lb
Beavertail .....	6,500 lb Keel/
Centerboard .....	6,800 lb
<b>CAPACITIES</b>	
Fuel .....	40 gal
Water .....	100 gal
Auxiliary .....	40 hp diesel saildrive
Berths .....	7
<b>SAIL DIMENSIONS</b>	
I, self-tacking jib .....	51 ft 10 in
J, self-tacking jib .....	15 ft
I, 155% reacher (optional) .....	57 ft
J, 155% reacher (optional).....	16 ft 5 in
P .....	50 ft 9 in
E .....	16 ft
Mainsail area .....	406.59 sq ft
100% foretriangle .....	388.7 sq ft
Upwind sail area (main & self-tacking jib) .....	794.73 sq ft
Downwind sail area (main & reacher) .....	1,112.59 sq ft
Bridge clearance .....	62 ft 7 in
<b>PERFORMANCE RATIOS</b>	
Ballast/displacement .....	38
Displacement/length .....	206.5
Sail area/displacement (upwind) .....	19.3
Sail area/displacement (downwind) .....	26.9
Designer .....	Tim Jackett