

# TARTAN Fantail Weekender

## // Standard Specifications

### **HULL**

- NPG Isophthalic gelcoat for improved color and gloss retention
- Modified epoxy vinylester laminating resin
- CNC computer cut premium sealed 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
- Transferrable 10-year hull structural and blister warranty

### **DECK**

- [Weekender deck, higher house provides approximately 9” increase in headroom vs. Daysailor](#)
- NPG Isophthalic gelcoat for improved color and gloss retention
- Modified epoxy vinylester laminating resin
- CNC computer cut sealed end-grain balsa 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
- 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
- 5/8” x 3” FRP covering board at sheerline
- 5/8” x 3” FRP taffrail
- Synthetic white companionway trim and bin boards
- Port and starboard cockpit seat hatches to access storage below
- Aft engine compartment with hinged lid

### **KEEL & BALLAST**

- Fin bulbed keel in deep and shallow drafts
- Antimonial hardened lead keel castings
- Template-ground for fit and maximum performance
- Faired and epoxy sealed and coated
- Keel is through bolted to hull with cast-in-place stainless steel bolts

- Keel bolt quantity and size exceed ABS standard

#### **RUDDER & TILLER**

- Stainless steel rudder head and custom-built laminated teak and ash curved tiller
- High density, closed-cell foam rudder blade with reinforced skins
- Carbon-fiber rudder post
- High density, low friction rudder bearings

#### **PROPULSION**

- Torqeedo Cruise 2.0 electric motor, includes one Power 24-3500 lithium ion battery, shore power with ELCI panel, Torqeedo battery charger

#### **DECK HARDWARE**

- (2) Harken 20 STA Radial (self-tailing aluminum) cockpit winches with (2) Harken winch handles
- (2) Harken 20 STA Radial (self-tailing aluminum) housetop winches
- (4) Stainless steel opening portlights in house side
- Stainless steel bow rail, stern rail, (6) lifeline stanchions and lifelines
- Harken self-tacking jib traveler
- (2) Stainless steel 6" bow mooring cleats, (2) Stainless steel 6" aft mooring cleats
- Custom stainless steel quarter caps
- Custom designed and fabricated stainless steel stem fitting with integral sprit housing
- Carbon fiber extendable sprit for asymmetrical spinnaker
- Under-deck lead for asymmetrical spinnaker tack line
- Harken turning blocks at base of mast for leading sail controls aft to cockpit
- Spinlock rope clutches for aft led sail controls
- Harken mainsheet system
- Harken traveler with four-part tagline adjustment mounted at the aft end of the cockpit
- Cockpit mounted manual bilge pump
- Extra-wide companionway hatch
- Bulkhead mounted compass
- Lewmar size 51 semi-circular foredeck hatch

#### **INTERIOR**

- Molded galley unit, includes sink with drain and manual hand pump, and freshwater tank with deck fill
- Marine head with holding tank and deck pumpout
- 12VDC electrical package; 12 VDC AGM house battery, battery charger, battery switch, distribution panel, bow and stern nav lights, masthead light, steaming light, interior lights, 12VDC Igloo cooler in lieu of standard, electric bilge pump with float switch
- Easy maintenance molded FRP liner forms interior layout
- Elegant, curved and hand-varnished trims for bunk, seats, and shelves
- Two seats with 4" thick Sunbrella covered cushions with storage below
- 6' 5" V-berth with 4" thick Sunbrella covered cushions with storage below
- Custom access door to hull forward
- Textured FRP overhead

### ***SPARS & RIGGING MAST***

- Carbon-fiber mast painted white with integrally molded carbon-fiber masthead
- Double tapered airfoil aluminum spreaders
- 1 x 19 Stainless steel wire rigging with forged turnbuckles
- Adjustable, double ended backstay tensioner
- Internal halyards
- Furler for self-tacking jib
- Custom stainless steel chainplates

### ***BOOM***

- Carbon-fiber boom painted white with lazy jacks
- Single-line reef led aft to cockpit winch
- Internal 2:1 outhaul • Boom topping lift
- Four-part Harken boom vang

### ***RUNNING RIGGING***

- Polyester low-stretch main, jib, and spinnaker halyards
- Polyester double-braid jib sheet (2:1 self-tacking) and mainsheet
- Polyester double-braid backstay adjustment taglines
- Polyester double-braid main traveler control lines
- Polyester double-braid sprit control line and asymmetrical spinnaker tack line

### ***SAILS***

- Fully battened Dacron mainsail with (1) reef and sail cover, and self tacking Dacron jib

### **FANTAIL DS FACTORY OPTIONS**

- Dark hull color
- Deck with contrasting non skid
- 3' 6" keel in lieu of standard draft keel
- 3' 3" fixed keel with CCR sail plan
- Lifting keel with CCR sail plan
- Exterior teak trim package in lieu of low maintenance molded white trim
- Teak cockpit sole
- Additional Power 24-3500 lithium ion battery
- Torqeedo Cruise 4.0 OFP Pod drive electric motor includes; Power 48-5000 battery, shore power with ELCI panel, Torqeedo battery charger, folding propeller
- Carbon fiber pocket boom in lieu of standard traditional tube boom
- Stereo with two cockpit speakers
- VHF radio
- Raymarine wireless knot/depth with multi display
- Raymarine wireless knot/depth and AWI with multi display and analog AWI display
- Raymarine ST1000 tiller pilot
- USCG safety package; (4) life jackets, first aid kit, flare kit, fire extinguisher, horn, horseshoe ring
- Docking package; (4) 1/2" x 25' docklines, (2) 8"x 20" fenders, (2) fleece fender covered, (2) fender taglines
- Nylon asymmetrical spinnaker
- Single point lift bracket
- Dual axle trailer

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// Standard Specifications

## TARTAN FANTAIL//DESIGN DIMENSIONS

LOA .....	26 ft
LWL .....	22 ft 2 in
Beam .....	8 ft 5 in
Displacement .....	3,425 lb
Ballast .....	1,325 lb
DRAFT	
Standard fin .....	4 ft 6 in
Shallow fin .....	3 ft 6 in
SAIL DIMENSIONS	
I, self-tacking jib .....	34 ft
J, self-tacking jib .....	9 ft 10 in
I, asymmetrical spinnaker sprit .....	12 ft 4 in
P .....	33 ft 9 in
E .....	11 ft
Mainsail area .....	185.63 sq ft
100% foretriangle .....	167.11 sq ft
Upwind sail area (main & self-tacking jib) .....	352.74 sq ft
PERFORMANCE RATIOS	
Ballast/displacement ratio .....	.34
Displacement/length ratio .....	136
Sail area/displacement ratio (upwind) .....	25.3
Designer .....	Tim Jackett

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE 081220



# TARTAN

*Proudly handcrafted in the USA for 60 years*



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