

Quick Specs

LOA.....	36 ft 0 in
LWL.....	31 ft 6 in
Beam.....	12 ft 0 in
Draft	
Fin.....	6 ft 7 in
Beavertail.....	5 ft 0 in
Displacement	12,000 lbs
Ballast	4,000 lbs
Capacities	
Fuel.....	38 gallons
Water.....	80 gallons
Auxiliary.....	38 hp diesel saildrive
Berths.....	3

Sail Dimensions (with 100% self-tacking jib)

Sail Area.....	679 sq ft
I.....	46 ft 0 in
J.....	13 ft 8 in
P.....	45 ft 7 in
E.....	16 ft 0 in
Mainsail Area.....	365 sq ft
100% Foretriangle.....	314 sq ft
Bridge Clearance.....	56 ft 6 in
Ballast/displacement.....	.34
Displacement/length.....	171.3
Sail area/displacement.....	20.8
RM @ 1 degree.....	1010 ft lbs
Designer.....	Tim Jackett

Tartan 3600 | Design Comments

The Tartan 3600 is conceived to be the perfect midsize “couples” cruising sailboat. Our boats tend to be cruised or daysailed by experienced sailing couples. Careful attention has been given to design, configuration and equipment choices that will enrich this type of sailing lifestyle.

Sailors spend a great deal of time in the cockpit, it's the command center when sailing and the social center at the dock or at an anchorage. On the 3600, we've expanded the size and function of the cockpit to meet these important requirements. The cockpit is deep for sailing security with a large amount of comfortable seating that is also long enough to recline and enjoy an evening read while “on the hook”. Aft, the helmsman has a generous range of helm positions, allowing great sailing sight lines as well as confident positions for in-port docking maneuvers. Fit with a unique “tacking” steering pedestal, the wheel can be moved to provide the most comfortable position, always keeping the wheel within easy reach. In port the helm can be set to port or starboard, providing a comfortable walkway to access the large, hinge-down swim platform complete with a convenient swim ladder. Also note, the extended stern rails, which provide even more security either sailing or dockside. With so much time spent in the cockpit, it deserves primary attention and it gets it in the Tartan 3600.

Efficient and easily manageable performance is a hallmark feature of every Tartan. From the rig design, through the sail handling systems and equipment this important trait is continued and refined on the 3600. Although tall and powerful, the sail plan and rig are engineered with safety, performance and easy handling paramount. The large mainsail and efficient self tacking jib provide an impressive 20.8 sail area to displacement ratio, promising superior light air performance. Combined with great stability, this configuration will delight when the breeze is up. Tartan 3600, like all cruising Tartans, feature a carbon spar that is engineered to be stronger, stiffer and safer than the aluminum masts found on most cruising sailboats. The beauty of carbon is that its superior physical properties allow a much simpler standing rigging plan providing less weight aloft and easier rig management. The standard mainsail, is full performance, full roach and fully battened and easily set and doused. A standard electric halyard winch means effortless hoisting and the Tartan Pocketboom with integral lazy jacks and sail cover means dropping the main is equally convenient. All sail controls are led to the cockpit winches through appropriate stoppers to provide finger tip control for the “sail tweaker” in all of us. Wide side decks, tall toerails and top of the line hardware and equipment complete the superior on deck features found on the Tartan 3600.

For many, the real “candy store” experience when coming aboard a Tartan is the handcrafted interior. The Tartan 3600 focus is on luxurious onboard living for the cruising couple. The island v-berth is large and fit with an overstuffed quilted mattress for “at home” sleeping comfort. The main cabin provides comfortable lounging or dining for four at the custom crafted solid cherry drop leaf table, complete with an inlaid Tartan “T” logo. To starboard there is a space dedicated for navigation or a work station. The galley features extensive storage, a convenient slide out stainless steel VitrAfrigo refrigerator, 2 burner LPG stove with oven and a deep galley sink. Aft of the galley is a traditional open, quarterberth for the occasional guest. The head is complete with a full shower, electric head, sink and convenient access to additional storage in the cockpit locker. All cabins are expertly finished in solid cherry to furniture grade, surrounding her owners in opulent comfort.

While many hull design trends come and go, Tartan has continued to refine and carefully evolve shapes that deliver great performance, excellent handling characteristics and that always look great. The 3600 extends its waterline length, while maintaining balanced overhangs forward and aft. Her full section shapes provide excellent stability and good interior volume, yet also produce a hull with balanced volume throughout her length that in turn, keeps her well mannered even when pressed by tougher sailing conditions. Tartans have a timeless element to their design, by not chasing the latest fad, they still look great ten years after their conception and excellent performance and handling never go out of style.

Many of the important design and performance attributes found in the Tartan 3600 are only made possible by Tartan's dedication to advanced marine composite manufacturing. Performance is maintained while eliminating the use of overlapping headsails; this is done by increasing the size of the base working sail plan to produce a rig that is powerful enough to keep the boat driving, even in the lightest winds. However, it begins with the use of high performance, modified epoxy, infused laminates that are strong and light, allowing the weight that is conserved to be put to use increasing stability. By placing the added available weight very low in the lead bulb keel, the boat's stability is increased. Of course the logic is simple, if one increases the working sail area for light wind performance, one must also increase stability so the boat remains well mannered in stronger wind conditions. Although completely logical, most builders do not make the investment in higher priced materials and processes to deliver the greater value and greater performance that is found in every Tartan sailing yacht.

The Tartan 3600 is conceived to deliver a rewarding sailing experience and luxurious accommodations all in a stunningly good looking yacht executed to deliver uncommon value through the use of advanced composites, top of the line gear and hardware and the finest interior joinery.

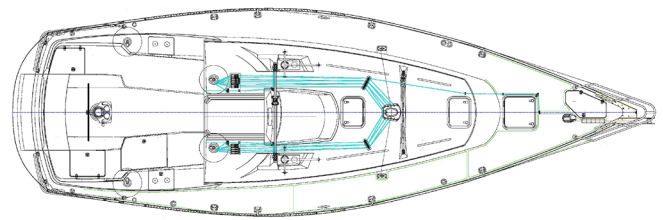
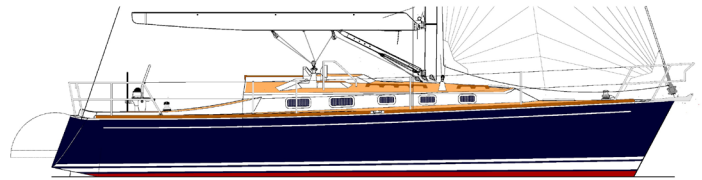
Tartan 3600 | Specifications and Features

Hull

- NPG Isophthalic gelcoat
- Infused epoxy modified vinyl ester hull
 - Locally reinforced at high load areas
 - Closed cell synthetic foam hull coring
- Resin infused hull laminated in “one shot” eliminating secondary bonding of structural materials
- Built to meet ABS Plan Certification
- Internal structural grid designed to carry rig and keel loads, glass taped into hull
- UL and ABS approved, corrosion free Marelon flush thru hull fittings
- All hull penetrations made into solid fiberglass “core windows”
- Interior surfaces painted out with enamel gelcoat for aesthetics
- Transferrable 15-year hull structural and blister warranty

Deck

- NPG Isophthalic gelcoat
- Infused epoxy modified vinyl ester deck
- CNC computer cut sealed end grain balsa coring
- Locally reinforced at high load areas
- Molded nonskid surface on working areas
- All deck penetrations made into solid fiberglass “core windows”
- 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 to meet or exceed ABS standard for offshore use
- Hull to deck joint bonded with 3M 5200 adhesive sealant



Keel & Blast

- Deep fin, beavertail bulb, or keel/centerboard configurations
- 4,000 lb. (1814 kg.), antimonial hardened lead keel castings
- Template ground for fit and performance
- Faired and sealed with epoxy barrier coat
- Keel is thru-bolted to hull with cast in place stainless steel bolts
- Keel bolt quantity and size exceed ABS standard for offshore use

Rudder & Steering System

- Pedestal style tacking steering system
- 36” stainless steel wheel
- Stainless steel pedestal guard
- Single lever engine control with stainless steel handle
- Lighted binnacle compass
- High density, closed cell foam rudder blade with reinforced skins
- High strength/low weight carbon fiber rudder post
- High density, low friction rudder bearings
- Bronze rudder stuffing box
- Emergency tiller

Ventilation

- (3) Stainless steel CE unlimited offshore approved deck hatches
- (10) Cabin side mounted stainless steel opening portlights with fly screens
- (1) Cockpit mounted stainless steel opening portlight with fly screen
- (2) 4” Chrome dorade vents with stainless steel dorade guards
- Lexan sliding companionway hatch with solid teak hatch boards and trim

* Specifications are subject to change

Tartan 3600 | Specifications and Features

Engine & Mechanical

- 38 h.p. diesel saildrive with two blade folding propeller
- 25 gallon (95 l) fuel capacity in aluminum tank with remote gauge
- Fuel filter/water separator
- Lead lined engine insulation
- Engine service access front, sides and aft

Electrical

- Batteries, (2) Group 27
- 30A battery charger
- Polished chrome and stainless steel interior lighting
- Service lighting in engine compartment and cockpit lockers
- Directional reading lights at berths and main cabin settees
- Directional spot lights in galley and over main cabin table
- Cockpit and swim ladder courtesy lighting
- 110 VAC distribution panel
- 110 VAC outlets in each cabin with GFI protection
- 30A, 50 foot shore power cord
- 12 VDC metered distribution panel
- Battery selector switch
- Electrical bonding system
- Electric sump pump with automatic float switch for shower drains
- Electric bilge pump with automatic float switch with manual override
- UL approved, 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
- Courtesy floor lighting
- High water bilge alarm

Electronics/Entertainment

- (2) displays at companionway with wind, speed and depth
- VHF radio
- AM/FM/CD Stereo with two interior and two exterior speakers

Galley & Plumbing

- 2 burner Force 10 gimbale LPG stove with oven and broiler
- LPG sniffer with automatic shut off
- Cherry faced cabinetry with raised panel access doors
- Cherry faced, dovetailed cutlery drawers
- 9" deep single sink with marine grade galley faucet and manual foot pump with swivel spigot
- Solid surface galley countertops
- Storage under galley sink through ventilated raised panel cherry doors
- Vitra Frigo drawer style, stainless steel refrigeration
- Hot and cold pressure water with service access to pump and plumbing
- 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
- 60 gallons (227.1 liters) of freshwater tankage with distribution manifold
- 10 gallon (22.7 l) water heater, operates on 110 VAC or engine heat exchanger

Head

- Electric marine head with 20-gallon (75.7 liters) holding tank
- Deck pump out, vent and macerator pump for holding tank
- Low odor premium grade marine sanitation hose
- Shower drains to sump box with automatic overboard discharge
- Y-valve with direct overboard discharge
- Premium marine grade head faucet and shower mixer
- Solid surface counter tops with integral sink
- Utility storage under sink through raised panel cherry door
- Solid cherry face upper vanity cabinet with storage

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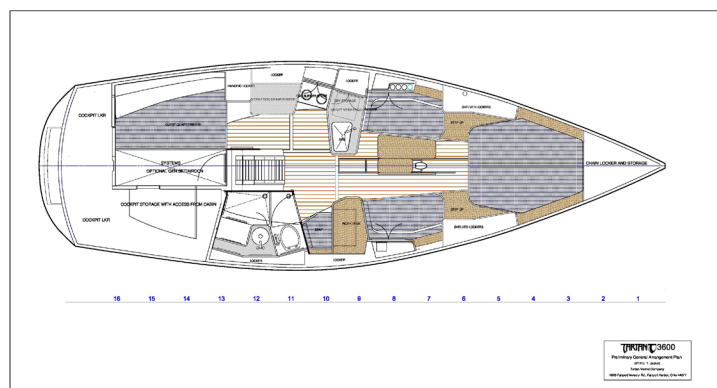
Tartan 3600 | Specifications and Features

Accommodations & Storage

- Extensive storage lockers, hanging lockers and dovetail drawers
- Centerline island double berth
- Furniture grade main cabin settees and seats with contoured cushions
- Cherry cabinets with ventilated raised panel doors throughout main salon
- Storage outboard of main cabin seat backs
- Full navigation/work station
- Navigation lockers with installation space for extensive electronics
- Aft quarter berth, with lockers and shelves
- Storage below berths
- Large cockpit seat locker
- Cockpit lazarette hatch to port and starboard
- Propane gas bottle storage in cockpit for 11 lb. (5kg) tank

Interior

- Structural fiberglass timbers taped to hull to carry mast and keel loads
- Structural bulkheads bonded to hull and deck
- Cherry faced bulkheads and risers
- Solid stock cherry trim throughout
- Solid stock raised panel cherry passage doors in cherry door jambs
- Polished chrome mortised door lock sets
- Solid stock cherry cabinet faces throughout
- Positive lock polished chrome cabinet hardware
- Solid cherry face, dovetail joined, all wood drawers throughout inlay and centerline drawer storage
- Cherry battened overhead with strategically placed access panels
- Varnished teak and holly cabin sole with teak banded access hatches
- Varnished teak handrails placed for security in a seaway
- Interior woodwork sprayed with satin finish lacquer varnish
- Selection of designer fabrics available for interior upholstery



Spars & Rigging

Mast:

- Autoclave cured, prepreg carbon-fiber mast
- Finished with white acrylic urethane topcoat
- Tapered mast section for reduced weight aloft
- Tapered airfoil swept spreaders
- Custom carbon fiber masthead
- Carbon fiber backstay crane integrally molded at lamination
- 1 x 19 Stainless steel wire rigging with forged turnbuckles
- Internal halyards
- Harken furler for self-tacking jib
- Mast to deck tie-rod to carry running rigging loads
- Masthead anchor light
- Custom stainless steel chainplate system ties to structural FRP grid and hull
- Steaming light with foredeck illuminator
- Mast wiring conduit
- Masthead VHF antenna
- Spartite mast sealing and chock system

Boom:

- Carbon-fiber Pocket Boom with integral sail cover
- (2) Single line reefs led aft to housetop winch
- Internal 4:1 outhaul
- Two-part boom topping lift
- Rod vang with tackle led aft
- Integral lazy jack system

Running Rigging:

- Low stretch main, genoa and reacher halyards
- Polyester double braid jibsheet, mainsheet and reacher sheets
- Polyester double braid main traveler control lines
- (2) Polyester double braid reef lines

Sails:

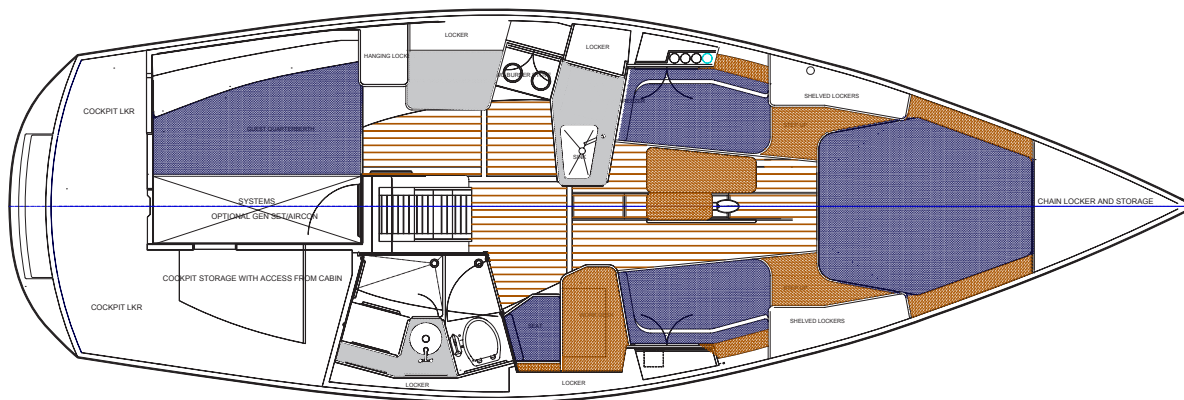
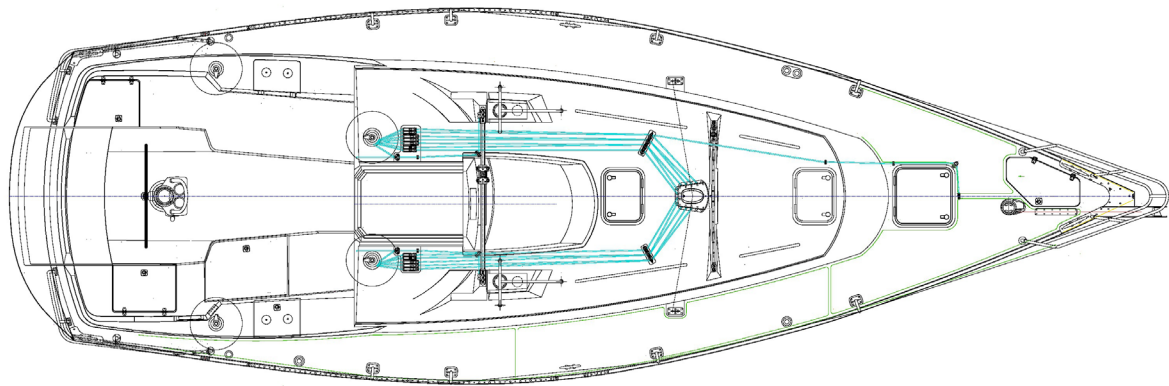
- Fully-battened mainsail with white Sunbrella sailcover
- Dacron self-tacking jib

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Tartan 3600 | Specifications and Features

Deck Hardware

- (1) Harken 40.2 STEC electric main halyard winch
- (1) Harken 32.2 STC (self-tailing chrome) aft house top winch
- (2) Harken 40.2 STC (self-tailing chrome) cockpit winches
- Harken self-tacking jib traveler
- 24" x 1" diameter stainless steel stanchions
- 24" x 1" tube double stainless steel bow rail with navigation light
- 24" x 1" tube double stainless steel extended split stern rail with navigation light
- 1 x 19 double lifelines with port, starboard and transom boarding gates
- Stainless steel stem fitting with integral single bow roller
- Stainless steel 10" bow mooring cleats
- Stainless steel midship mooring chocks
- 8" stainless steel midship mooring cleats
- Stainless steel stern quarter caps
- Stainless steel 10" aft mooring cleats
- 2" x 1 1/2" teak toerails through-bolted to hull flange
- Teak taffrail
- (2) Harken aluminum winch handles
- Spinlock rope clutches for aft sail control leads
- Harken stacked double aft lead control blocks
- Harken turning blocks at base of mast for aft sail control leads
- Harken mainsheet and traveler systems led to housetop winches
- Custom stainless steel mast collar with attachments for mast base blocks
- Companionway hatch sea hood with instrument pod
- Match molded anchor locker lid with latch
- Deck drains to waterline discharge, eliminates hull streaking
- Teak housetop handrails
- Cockpit mounted manual bilge pump
- Strategically located molded drink holders in cockpit
- Offshore ready, match molded, and gasketed cockpit seat hatches



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