

TARTAN 3700

YACHTS

50 YEARS

Specifications and Features



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Sophisticated Designs • Exceptional Performance • Superior Value

At Tartan Yachts we have a passion to deliver the best sailboat owner experience possible. Our commitment to design and engineering is based on total performance. We don't believe that a simple superficial appeal to aesthetics is enough to serve the interests of our owners. Our designers, builders and sales team understand and appreciate that every yacht we build must be the best yacht we build. Most importantly we are committed to the next 50 years with the focus of simply making our customer experience the best the industry has to offer.

Hull

- NPG Isophthalic gelcoat
 - Infused BPA modified epoxy 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
- Interior surfaces painted out with enamel gelcoat for aesthetics
- 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"
- Built to meet ABS Plan Certification
- Transferrable 15-year hull structural and blister warranty

Deck

- NPG Isophthalic gelcoat
- Infused BPA modified epoxy 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 & Ballast

- 6,000 lb. (2722 kg) fin, 6,200 lb. (2812 kg) beavertail or 6,400 lb. (2903 kg.) keel/centerboard, 4% antimonial hardened lead casting
- Template ground for fit and performance
- Faired and epoxy coated
- Deep fin, beavertail bulb design, or keel/centerboard configurations
- 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 rack and pinion steering pedestal
- 44" stainless steel wheel with leather cover
- Stainless steel pedestal guard
- Single lever engine control with stainless steel handle
- 5" lighted binnacle compass
- High density, closed cell foam rudder blade with reinforced skins
- 3 1/2" type 304 stainless steel rudder post
- High density low friction rudder bearings
- Bronze rudder stuffing box
- Emergency tiller

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Ventilation

- (6) Stainless steel unlimited offshore CE approved deck hatches
- (12) Cabin side mounted stainless steel opening port lights with fly screens
- (3) Cockpit mounted stainless steel opening port lights with fly screens
- (2) 4" Chrome dorade vents with stainless steel guard
- Lexan sliding companionway hatch with solid teak hatch boards and trim

Engine & Mechanical

- 40 hp diesel saildrive with two blade folding propeller
- 38 gallon (143.85 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, (3) Group 27
- 2 kw inverter/charger
- Polished chrome and stainless steel interior lighting
- Automatic lights in hanging locker, liquor locker and refrigerator compartment
- 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
- Recessed, dimmable overhead spotlights in cabin over head
- Interior, cockpit and swim ladder courtesy lighting
- (2) 30 amp shore power services
- 30A, 50 foot shore power cord
- 110 VAC distribution panel
- 110 VAC shore power outlets in each cabin with GFI protection
- 12 VDC metered distribution panel
- Battery selector switch
- Electrical bonding system
- Electric sump pump with automatic float switch for icebox and shower drains
- Electric bilge pump with automatic float switch with manual override
- High water bilge alarm
- 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

Electronics / Entertainment

- (2) Raymarine i70 displays at companionway with wind, speed and depth
- Raymarine VHF radio
- Raymarine Seatalk NG backbone system
- AM/FM/CD Stereo with two interior and two exterior speakers

Galley & Plumbing

- 3 burner Force 10 gimbaled LPG stove with oven and broiler
- (1) 11 lb (5 kg) LPG tank
- LPG sniffer with automatic shut off
- Cherry faced cabinetry with raised panel access doors
- Cherry faced, dovetailed cutlery drawers
- 9" deep stainless steel 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 cherry doors
- Hinge out galley trash bin with cherry raised panel door access
- Molded icebox with Granicoat solid surface counter top and 4" foam insulation, insulated front and top load access
- 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
- 80 gallons (302.8 l) of freshwater tankage with distribution manifold
- Forward cabin vanity with sink, hot and cold water and Granicote solid surface counter top
- 6 gallon (22.7 l) water heater, operates on 110 VAC or engine heat exchanger

Head

- Electric marine head with 24 gallon (90.85 l) holding tank
- Holding tank remote level indicator
- Low odor premium marine grade sanitation hose
- Separate stall shower with Plexiglas enclosure and molded seat
- Shower drains to separate sump box with automatic overboard discharge
- Premium marine grade head faucet and shower mixer
- Molded Granicote 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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Accommodations & Storage

- Forward cabin with vanity and sink, storage lockers, hanging locker and dovetail drawers
- Cherry tongue and groove hull sides in forward cabin
- Furniture grade main cabin settees and seats with contoured cushions
- Cherry cabinets with ventilated raised panel doors throughout main salon
- Through bulkhead raised panel ventilation door to forward cabin
- Storage outboard of main cabin seat backs
- Main cabin settee converts to double berth
- Full navigation station to port with four drawers
- Navigation lockers with installation space for extensive electronics
- Aft cabin with a double berth, hanging locker and shelves
- Storage below berths
- Cockpit seat locker
- Cockpit lazarette hatches port and starboard
- Propane gas bottle storage in cockpit for two 11 lb (5 kg) tanks

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
- Cherry main salon table with Tartan logo 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 with sheaves for (1) jib, (1) main, (1) reacher and (1) spinnaker halyard
- 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
- Harken furler for masthead reacher
- Mast to deck tie-rod to carry running rigging loads
- Masthead anchor light
- Custom stainless steel chainplate system ties 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
- Lightweight masthead reader

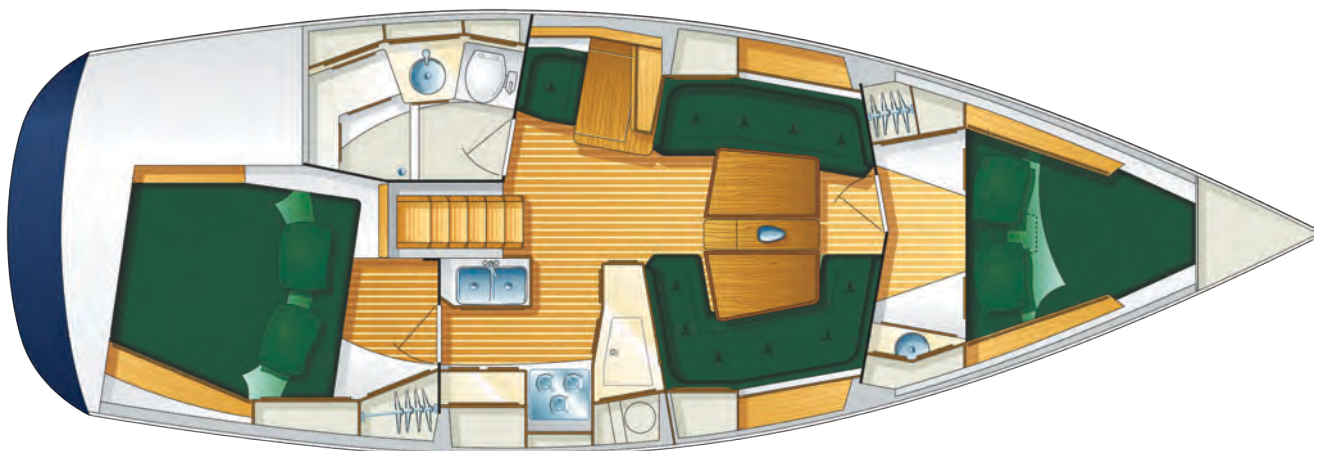
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Deck Hardware

- (2) Harken 53.2 STC (self-tailing chrome) primary genoa winches
- (1) Harken 40.2 STC (self-tailing chrome) aft house top winch
- (1) Harken 40.2 STEC electric main halyard winch
- Harken self-tacking jib traveler
- 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
- Stainless steel stem fitting with integral single bow roller
- Custom fabricated bow mooring chocks
- Stainless steel 10" bow mooring cleats
- Custom fabricated midship mooring chocks
- Stainless steel 10" midship mooring cleats
- Stern stainless steel quarter caps
- Stainless steel 10" aft mooring cleats
- 2" x 1 1/2" teak toerails through-bolted to hull flange
- Teak taffrail
- Polished stainless steel outboard genoa track for reacher
- (2) Harken aluminum winch handles
- (9) 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 winch
- Custom stainless steel mast collar with multiple attachments for mast base blocks
- (2) Stainless steel dorades with guards
- 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
- Hinge down swim platform.



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Design Dimensions

LOA..... 37 ft (11.28 m)
LWL 32 ft 6 in (9.01 m)
Beam 12 ft 8 in (3.86 m)

Draft

Fin 7 ft 3 in (2.21 m)
Beavertail..... 5 ft (1.52 m)
Keel/Centerboard 4 ft (1.22 m)
Displacement
Fin 15,950 lbs (7235 kg)
Beavertail..... 16,150 lbs (7326 kg)
Keel/Centerboard 16,350 lbs (7416 kg)

Ballast

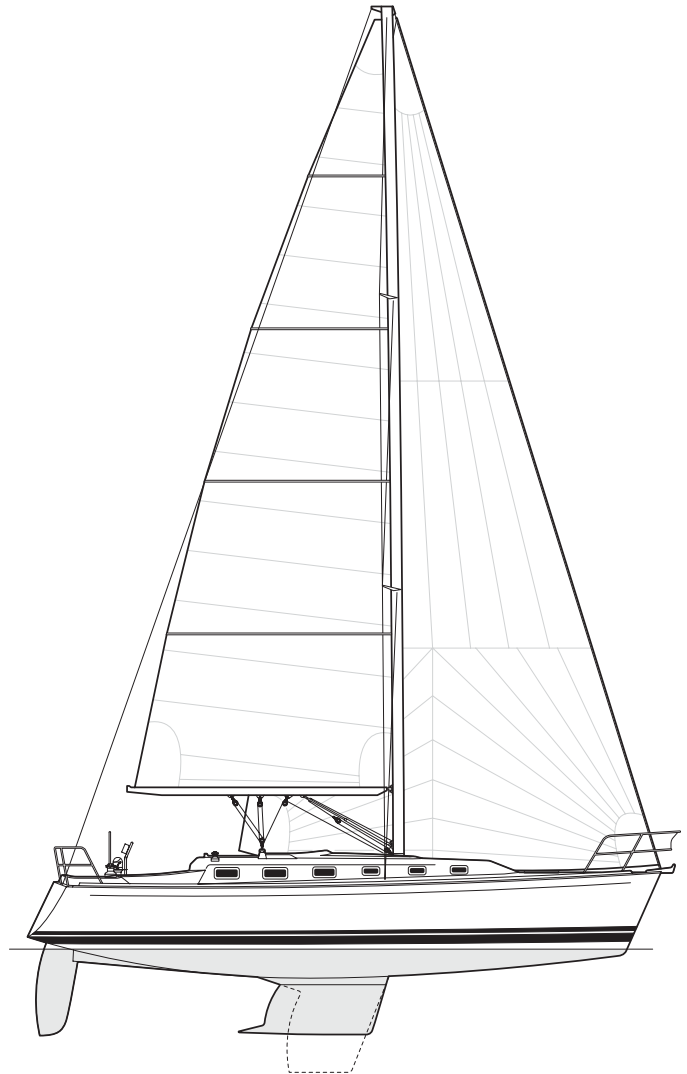
Fin 6,000 lbs (2722 kg)
Beavertail..... 6,200 lbs (2812 kg)
Centerboard..... 6,400 lbs (2903 kg)

Capacities

Fuel..... 38 gal (143.85 l)
Water..... 80 gal (302.83 l)
Auxiliary..... 40 hp diesel saildrive
Berths..... 7

Sail dimensions

Sail area 727.5 sq ft (67.58 sq m)
I..... 51 ft 9 in (15.77 m)
J..... 15 ft (4.57 m)
P..... 45 ft 3 in (13.79 m)
E..... 15 ft (4.57 m)
Mainsail Area 339.3 sq ft (31.52 sq m)
100% foretriangle..... 388.2 sq ft (36.01 sq m)
Bridge clearance 56 ft (17.01 m)
Ballast/displacement..... 40
Displacement/length 210
Sail area/displacement 18.2
Designer Tim Jackett
CE approved for category "A" unlimited offshore



1920 Fairport Nursery Rd • Fairport Harbor, Ohio 44077
440-392-2628 • info@tartanyachts.com • www.tartanyachts.com

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