

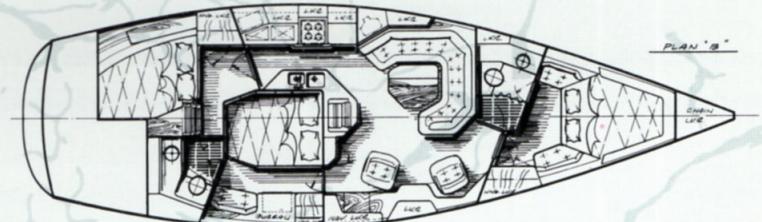
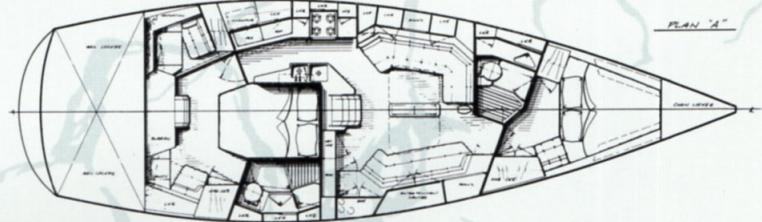
# TARTAN 4600



For 33 years the Tartan name has offered experienced yachtsmen boats of superior, sensible design and construction. In 1961 the first Tartan 27 was commissioned. Since then, some 4,000 Tartans have been launched. All have exhibited enviable sailing performance; performance measured both in speed on the race course and in terms of offshore seakeeping abilities. Indeed, virtually every Tartan model has crossed oceans and many have carried their crews to successful circumnavigations. This is certainly not the requirement of all our owners, but it is reassuring to know your Tartan is built to endure and get you home in the most challenging conditions.

Come visit your Tartan dealer and see why 4,000 owners put their trust in Tartan.

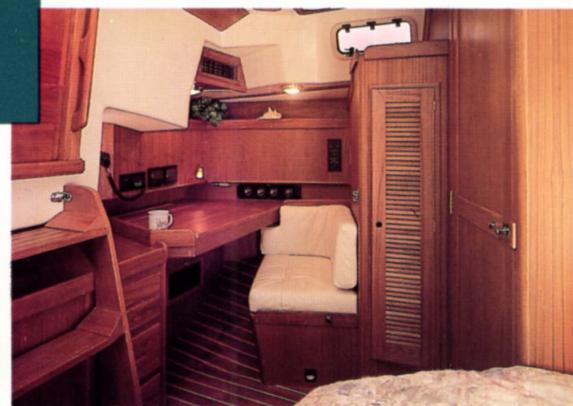
# TARTAN 4600



## Tartan 4600 Dimensions

Sail Area	1,014 sq. ft.	Draft: Deep Fin	8' 11"
I - Foretriangle Height	59' 6"	Beaver Tail	5' 6"
J - Foretriangle Base	17' 0"	Centerboard	4' 10"/9' 0"
P - Mainsail Luff	53' 6"	Ballast: Fin	8,500 lbs.
E - Mainsail Foot	19' 0"	Beavertail	9,600 lbs.
Mast Height	64' 0"	Centerboard	10,500 lbs.
LOA	46' 2"	Displacement (Lt. Ship)	24,000 lbs.
LWL	39' 7"	Diesel Power	62 hp
Beam	14' 4"	Berths	5 - 7

# TARTAN 4600



## Design comments by Tim Jackett

Fast and safe cruising in style and comfort are the goals for the **Tartan 4600**. A medium displacement, long waterline hull with clean, undistorted lines is driven by a powerful masthead rig.

The beavertail bulb shoal draft keel allows entry into shallow cruising grounds while still offering excellent stability and superior performance. An even shallower beavertail bulb keel/centerboard configuration reduces draft to under 5'0". A deep elliptical fin is offered for those without draft restrictions. The large elliptical rudder is built on an oversized stainless steel shaft and the Duralon bearings offer fingertip steering.

The deck is engineered for safety with particular attention paid to ease of handling for cruising sailors - typically one or two couples. The unique deck plan provides aft cockpit sailing and a second mid-cockpit for lounging and a convenient second companionway directly entering the main cabin. Electric main halyard winch, oversized sail handling winches, cockpit adjustable genoa lead and Harken Batslide™ mainsail system are just a few examples of how thoughtful design contributes to sail handling ease.

Ventilation, always a concern for Tartan, is excellent. **Tartan 4600** boasts 16 opening portlights, 6 deck hatches and 2 dorade ventilators.

A choice of standard accommodation plans is offered. Interior construction is teak or pressure laminate bulkheads, teak trim and louvered doors. Galley and head counter tops are Corian™, available in a full range of designer colors.

**Tartan 4600** construction techniques employ up-to-the-minute materials and methods. The resulting strong, light and well-insulated hull and deck structures also add to an already stable hull form and additionally allow for greater load carrying ability. The hull is laminated from the highest grade NPG/Isothalic gel coat, vinylester and polyester resins, uni-directional "E" glass and locally reinforced with Kevlar on a balsa core to yield a high strength to weight ratio. Extensive framing, structural floor members and full, structurally bonded bulkheads further add to hull rigidity.

The **Tartan 4600** offers a sense of confidence and power only found in well designed and executed sailing yachts.

# TARTAN 4600

## HULL

- White NPG/ISO gelcoated hull, hand laminated with alternating layers of strand mat and uni-directional "E" glass locally reinforced with high impact resistant Kevlar. Fully balsa cored for stiffness. Gelcoat back-up layer is laminated using a 4mm barrier coat of vinylester anti-corrosive resin for blister resistance. Hull is backed by 5 year blister guarantee.
- Built to ABS Plan Certification.

## DECK

- White, off-white or sand gelcoat with a patterned non-skid deck consisting of a balsa cored uni-directional "E" glass laminate. Hand laid with polyester resin.
- Contrasting non-skid.

## KEEL/BALLAST

- 8,500 lb. high lift lead fin or 10,000 lb. beavertail bulb keel. Attached to hull with stainless steel bolts.

## RUDDER

- Foam cored rudder blade with uni-directional FRP skins. Oversized 304 stainless steel rudder post. Pedestal console steering with 44 in. stainless steel destroyer wheel. Emergency tiller supplied.

## INTERIOR

- Structural fiberglass floor timbers bonded to hull. Bulkheads and risers are teak faced or pressure laminate faced plywood. Cabinetry and trim of hand rubbed teak. Cabin sole is varnished teak and holly. The overhead liner is teak battened FRP with strategically placed access panels. A selection of designer fabrics is available for interior upholstery.

## VENTILATION

- Forward Stateroom: (1) 24" x 24" Lewmar Deck Hatch; (1) 5" x 15" Portlight; (1) 4" Chrome Dorade with Guard.
- Aft Stateroom: (7) 5" x 15" Portlights; (1) Companionway Hatch.
- Forward Head: (1) 5" x 15" Portlight; (1) 4" Chrome Dorade with Guard.
- Aft Head: (1) 7" x 12" Lewmar Hatch with Guard; (2) 4" x 20" Portlights.
- Main Cabin: (4) 5" x 15" Portlights; (2) 12" x 17" Lewmar Deck Hatches; (1) Companionway Hatch.
- Galley: (2) 5" x 20" Portlights; (1) 7" x 12" Lewmar Hatch with Guard.

## ENGINE/ELECTRICAL

- 62 hp diesel with console mount controls and instrument panel.
- 70 gallon fuel capacity (approximately), with remote gauge.
- Racor fuel filter.
- High output alternator.
- Fixed propeller on stainless shaft.
- Brass Interior cabin dome lights and berth directional lights.
- Back lighting in main cabin and staterooms.
- Courtesy night lighting.
- Navigation lights.
- Electric sump pump.
- Electric bilge pump.
- 12 Volt DC metered panel.
- 110 Volt AC shorepower with distribution panel.
- 50' shore power cord.

- 10 Gallon stainless steel hot water heater.
- 1800 Watt inverter with integral battery charger.
- Main cabin entertainment center with TV/VCR and stereo.
- Prevailer 8G27 engine starting battery.
- Prevailer (2) 8D house batteries.
- Electrical bonding system.
- UL approved stranded, tinned copper ABYC color coded wiring throughout.

## GALLEY/PLUMBING

- 4 Burner Force 10 gimballed stove with oven and broiler.
- Double stainless steel galley sinks - 9" deep.
- Molded top and front load icebox, 4" foam insulated.
- Built-in trash bin.
- Hot and cold pressure water and manual freshwater pump.
- Extensive lockers, shelves and drawers. Teak louvered doors and teak hardwood.
- 150 Gallon (approximately) fresh water (aluminum tanks with visual and remote gauges).
- Built-in microwave oven.
- Freshwater filter system.
- Engine driven freezer/refrigeration.
- Cockpit hot and cold shower.

## HEADS

- (2) Marine heads with "Y" valves and 24 Gallon holding tanks with deck pumpouts.
- Separate showers in heads with drains to sump.
- Macerator pumps.

## ACCOMMODATIONS/STORAGE

- Forecabin with lockers, hanging locker, and drawers; Island berth is 78" x 60".
- Furniture grade main cabin settees and seats.
- Main cabin with teak hardwood cabinets throughout.
- Main cabin settees fitted with 6 in. thick tapered cushions.
- Large storage area outboard of main cabin seatback.
- Furniture quality, varnished pedestal table.
- Full navigation station.
- Navigation locker with storage space for extensive electronic installations.
- Aft double centerline bed (see Plan A) with 78" x 60" mattress.
- Storage below berths.
- Cockpit seat locker port and starboard.

## SPAR/RIGGING

### Mast

- Polyurethane finished double spreader, tapered mast.
- Rod stainless steel standing rigging with turnbuckles.
- Bow light with foredeck illumination light.
- Masthead light.
- Mast wiring conduit.
- Internal halyards.
- Harken Batslide" mainsail system.
- Harken lazy jack system.

## Boom:

- Polyurethane finished boom.
- (2) Single line slab reefing - one line reefs both luff and leach led aft to cockpit winch.
- Internal 4:1 outhaul led aft to cockpit.
- (4) sheave outboard endcap.
- (4) sheave inboard endcap.
- 2-part boom topping lift.
- Offshore rod vang.

## DECK HARDWARE

- (2) Harken 66.2STC (self-tailing) primary winches.
- (1) Harken 44.2STEC-4 electrical main halyard winch.
- (1) Harken 46.2STC (self-tailing) mainsheet winch.
- (1) Harken 46.2C genoa halyard winch on spar.
- 27 in. Double stainless steel bow and stern rails.
- 27 in. Double lifelines.
- Swim ladder.
- Boarding gates port and starboard.
- Custom stainless steel stemplate with tack fitting and double anchor rollers.
- Teak toerails (aluminum toerails optional).
- Stainless steel bow mooring chocks with stainless steel cleats.
- Stainless steel mid-mooring chocks with stainless steel cleats.
- Teak taffrail.
- Outboard track with (2) cars and (2) snatch blocks.
- Inboard Harken ball bearing genoa track with (2) adjustable wide sheave cars.
- (3) Harken winch handles.
- (5) Spinlock Express rope clutches for aft leads.
- Harken deck turning blocks for halyards and aft leads.
- 4-part Harken mainsheet system lead to winch.
- Harken mainsheet traveler with tagline adjustment.
- Cast aluminum mast collar with stainless aft lead plates.
- On deck drains to waterline outlet.
- Housetop teak handrails.
- Manual deck mount bilge pump.
- Ritchie binnacle compass.
- Forward dorade guards.
- Aft vent hatch guards.
- Simpson Lawrence windlass - electric.

## RUNNING RIGGING

- (1) Wire/rope genoa halyard.
- (1) Low stretch main halyard.
- (2) Dacron genoa sheets.
- (1) Dacron mainsheet.
- (2) Traveler taglines.
- (2) Reeflines.
- (2) Adjustable genoa car taglines.

## OPTIONS

- Colored hull.
- Deep centerboard or beavertail bulb shoal keel.
- Steel storage cradle.
- Secondary winches.

Qualifications: Specifications and prices subject to change without notice including after receipt of customer's order until final delivery. All prices F.O.B., Grand River, OH.

**TARTAN 2800 — TARTAN 3100 — TARTAN 3500 — TARTAN 3800 — TARTAN 4600**  
Tartan Yachts, Inc. — 320 River St., Grand River, OH 44045 — (216) 354-3111 — Fax (216) 354-6162