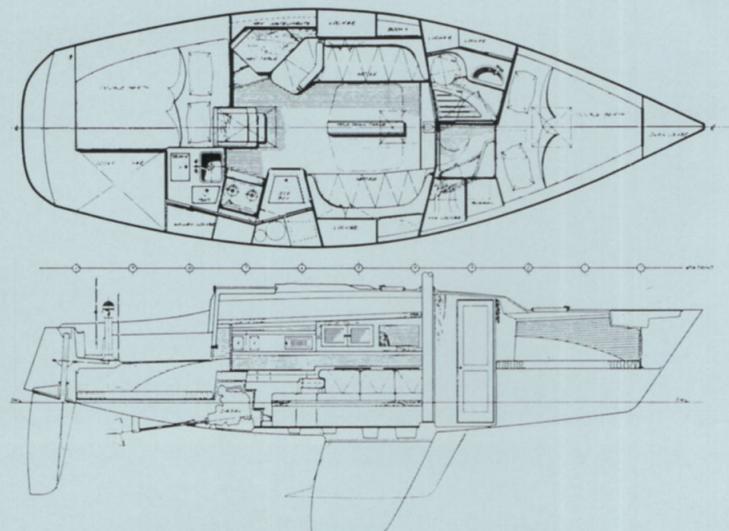
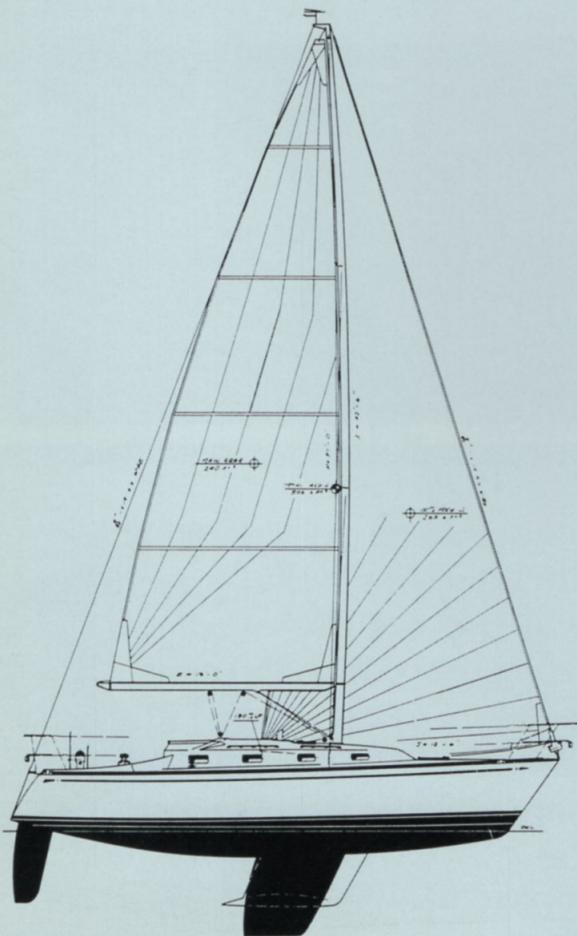


TARTAN 3100



For 35 years, Tartan has been crafting sailing yachts of uncompromising stature. Combining comfortable and stylish designs with high performance power, the Tartan line is fitting for both pleasure cruising or competitive racing. Manufacturing one of the first fiberglass hulls in 1961, Tartan quickly became a premier name in boat building. Working hard to persevere this reputation, Tartan has since commissioned nearly 4,000 yachts and has continued to redefine quality in both design and construction.

TARTAN 3100



Tartan 3100 Dimensions

Sail Area	506 sq. ft.
I - Foretriangle Height	42' 6"
J - Foretriangle Base	12' 6"
P - Mainsail Luff	37' 0"
E - Mainsail Foot	13' 0"
Bridge Clearance	48' 6"
LOA	31' 4"
LWL	26' 0"
Beam	10' 11"
Draft: Deep Fin	6' 0"
Beaver Tail	4' 4"
Ballast	3,600 lbs.
Displacement	9,030 lbs.
Diesel Power	18 hp
Berths	6

TARTAN 3100



Design comments by Tim Jackett

The **Tartan 3100** is designed to carry on the Tartan tradition of excellence in sailing performance, whether racing or cruising and to withstand offshore conditions. We then looked for proven and innovative ways to maximize comfort and luxury within her 31-foot hull.

The hull form carries fullness to the ends; her sections are U-shaped with a firm turn at the bilge. The result is excellent stability, low wetted surface and powerful sailing lines. Her design points to a hull with good behavior and performance throughout a wide range of wind and wave conditions.

Two keel plans are offered: a deep elliptical fin (6'0") and a shoal-draft beaver tail bulb (4'4") which has proven successful and popular among cruising owners of other Tartan models. The proper size of the subtly elliptical rudder underscores Tartan's commitment to control. Ballast is carried low; this, together with a high ballast/displacement ratio, allows **Tartan 3100** to comfortably carry a powerful sailplan.

Tartan 3100 has a tall double-spreader masthead rig. The large mainsail insures good reaching and off-wind performance; the high-aspect fore-triangle and close sheeting-angles insure efficient headsails and strong windward performance.

While the deck styling is sleek and modern, the emphasis has been placed on function and safety. All sail controls are led aft to housetop-mounted winches. So, too, are the 4-part cabin-top mainsheet traveler controls. The cockpit is T-shaped; seats are contoured for comfort under sail and at anchor. From the gently raised hump of the helmsman's seat, the visibility forward is excellent. **Tartan 3100's** large foredeck, wide sidedecks, comfortable cockpit and well-planned layout provide safety and pleasure to the sailing experience.

The interior was designed with offshore sailing in mind yet is contemporary in style. Angled bulkheads and cabin furniture in hand-rubbed teak provide an openness and a luxurious look without omitting necessary features. Tartans have always been well appointed: this model is no exception.

The forward stateroom provides a large V-berth with bureau and hanging locker to starboard. The generously sized head includes marine toilet, sink and shower (separate shower sump with overboard pump) plus lockers and access from both forward stateroom and main cabin.

In the main cabin, a varnished drop-leaf table stands on centerline between facing settees, both of which are bunk size. Behind each settee are storage lockers with book shelves.

The U-shaped galley, for security in a seaway, wraps an area to starboard at the foot of the companionway with a large and well insulated ice box, 2-burner gimballed propane stove with oven, storage trap and deep stainless steel sink.

To port is a large nav station with lockers for instrumentation, equipment and charts. Aft, past the nav station, you'll find access to a 5-foot wide double quarterberth, 7-feet in length.

Interior cabinetry and trim is hand-oiled teak lumber and ply or pressure laminates. Ventilation, always an important Tartan consideration, is provided in nine opening portlights, three overhead hatches and two dorades.

Craftsmanship and construction techniques adhere to Tartan's proven high standard. Value-retention based on these virtues is one of this company's hallmarks.

TARTAN 3100

HULL

- * White NPG/ISO gelcoated hull, hand laminated with alternating layers of strand mat and unidirectional "E" glass locally reinforced.
- * Partially balsa cored for stiffness.
- * Gelcoat backup layer is laminated using a 4mm barrier coat of vinylester anti-corrosive resin for blister resistance.
- * Backed by a 5 year blister guarantee.
- * Built to ABS Plan Certification

DECK

- * White, off-white or sand gelcoat with patterned, contrasting non-skid
- * Balsa cored uni-directional "E" glass laminate.
- * Hand laid with polyester resin.

KEEL/BALLAST

- * 3,600 lb. high lift fin or beavertail bulb keel
- * Attached to hull with stainless steel bolts

RUDDER

- * Elliptical foam cored rudder blade with uni-directional FRP skins
- * 3" oversized 304 stainless steel rudder post
- * Pedestal console steering with 36" s.s. destroyer wheel
- * Emergency tiller supplied

INTERIOR

- * Structural fiberglass timbers bonded to hull
- * Bulkheads and risers are pressure laminate or teak faced plywood
- * Cabinetry and trim of hand rubbed teak
- * Cabin sole is varnished teak and holly
- * 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) 19" x 19" Lewmar deck hatch; (2) 4"x10" ss opening portlights
- * Head: (2) 4"x10" portlights;
- * Main Cabin: (4) 4"x 10" ss opening portlights; (1) 12"x17" Lewmar deck hatch; (2) 9" chrome dorade; (1) companionway hatch
- * Quarterberth: (2) 4"x14" ss opening portlights

ENGINE/ELECTRICAL

- * 18 Hp diesel with console mount controls and instrument panel
- * 19 gallon fuel capacity (approx>) with remote gauge
- * Racor fuel filter
- * 15" Fixed propeller on stainless shaft
- * Brass interior cabin dome lights and berth directional lights
- * Courtesy cabin sole night lights
- * Navigation lights
- * Electric bilge pump
- * 12 Volt DC metered panel
- * 110 Volt AC shorepower with distribution panel
- * 50 ft. shorepower cord
- * 20 amp battery charger
- * (2) 105 amp battery with selector switch
- * UL approved stranded, tinned copper ABYC color coded wiring throughout

GALLEY/PLUMBING

- * 2 burner Force 10 propane gimballed stove with oven
- * Double stainless steel galley sinks - 9" deep
- * Molded top and front load icebox, 4" foam insulated (refrig. optional)
- * Built in trash bin
- * Hot and cold pressure water and manual fresh water pump
- * Extensive lockers, shelves and drawers with teak louvered doors and harwood faces
- * 30 gallon (approx.) freshwater aluminum tanks with visual and remote gauges

HEAD

- * (1) Marine head with "Y" valve and 24 gallon holding tank with deck pumpout and macerator pump
- * Shower fixture in head with drain to sump
- * Molded FRP sink
- * Ample locker storage in teak louvered door cabinets

ACCOMMODATIONS/STORAGE

- * Forecabin with lockers, hanging locker and bureau
- * Main cabin settes fitted with 6" thick tapered cushions
- * Furniture grade bunk cushions
- * Main cabin with teak hardwood cabinets throughout
- * Large storage outboard of main cabin seatback
- * Varnished drop leaf centerline table
- * Full sitting navigation table
- * Navigation locker with storage space for extensive electronic installations
- * Aft double quarterberth with 78" x 60" cushion
- * Storage below quarterberth
- * Hinged storage in engine box top
- * Cockpit seat locker starboard
- * Helmseat storage bin/gas storage

SPARS/RIGGING

Mast:

- * Offshore spars, polyurethane finished swept double spreader
- * 1" x 19" s.s. standing rig with turnbuckles
- * Bow light with foredeck illumination light
- * Masthead anchor light
- * Mast wiring conduit

Boom:

- * Offshore polyurethane finished boom
- * Single line slab reefingled aft :one line reefs both luff and leech led (2pt)
- * Internal 4:1 outhaul
- * (3) Sheave outboard boom end
- * (3) Sheave inboard endcap
- * 2-part boom topping lift

RUNNING RIGGING

- * (1) Wire/rope genoa halyard
- * (1) Low stretch main halyard
- * (2) Dacron genoa sheets
- * (1) Dacron mainsheet
- * (2) Traveler taglines
- * (2) Reef lines

DECK HARDWARE

- * (2) Harken 42.2 STC (self tailing) primary winches
- * (2) Harken 16.2C halyard aft led winches
- * (1) Harken 16.2C (self tailing) mainsheet winch
- * 24 in. double s.s. bow and stern rails
- * 24 in. double lifelines
- * Swim ladder
- * Boarding gates port and starboard
- * Custom stainless steel stemplate with tackfitting double anchor roller
- * Molded foredeck anchor locker with overboard drain
- * Teak toerails (aluminum toerails optional)
- * Stainless steel fore and aft mooring chocks with stainless steel cleats
- * Stainless steel mid-mooring chocks with stainless steel cleats
- * 1/2" Teak taffrails
- * Outboard 1 1/4" with (2) car and (2) snatch blocks
- * Inboard genoa track 1 1/4" with (2) Lewmar wide sheave cars
- * (2) Harken winch handles
- * (3) 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 port and starboard adjustment
- * Lewmar deck hatch
- * Cast aluminum mast collar with stainless aft lead plates
- * On deck drains to waterline outlet
- * Housetop teak handrails
- * Manual deck mount bilge pump
- * Ritchie SP-5 binnacle compass

ADDITIONAL STANDARD EQUIPMENT:

- * Fully battened Dacron mainsail
- * Self tacking Dacron jib or 120% genoa
- * Mainsail cover
- * Harken lazy jack kit
- * Harken roller furling
- * Autohelm knotmeter
- * Autohelm depthmeter

TARTAN 3100

OPTIONS

- * Colored hull
- * Boom Vang
- * Steel storage cradle
- * Secondary winches
- * Spinnaker gear
- * Second electric bilge pump

Note: Specifications and prices are subject to change without notice including after receipt of customer's orders until final delivery.

TARTAN 3100

Tartan Yachts, Inc. - 320 River St. - Grand River, Ohio 44045

TARTAN 3500

- (216)354-3111 - FAX: (216)354-6162

TARTAN 3800

- (216)354-3111 - FAX: (216)354-6162

TARTAN 4100

- (216)354-3111 - FAX: (216)354-6162

TARTAN 4600