

TARTAN 27

Builder: Tartan Marine Company

320 River Street

Grand River, Ohio 44045

Phone (216) 357-5592

Designer: Sparkman and Stephens, Inc.

SPECIFICATIONS

Centerboard weight	116 lbs.	L.O.A.	27'
Draft (board up)	3'2"	L.W.L.	21'5"
Draft (board down)	6'4"	Beam	8'7½"
S/A - sloop	376'	Displacement	7400 lbs.
S/A - yawl	394'	Ballast	2,400 lbs. lead

GENERAL

TARTAN 27 was designed in 1960, and as the result of her excellent sailing characteristics, strong resale value, and nationwide popularity over the succeeding years, she continues to maintain a strong position in auxiliary fleets today. Over 530 Tartan 27's are in commission nationwide.

BELOW DECKS

ACCOMMODATION:

TARTAN is designed with sleeping accommodation for five persons. Two 6'3" V berths in the fore cabin, a 6'6" quarter berth to starboard in the main cabin, and a double berth of the same length port side. Mattresses are 4" polyfoam with removable vinyl covers or nylon option.

FINISH:

The main cabin bulkheads are oiled teak, all other bulkheads are covered with ivory, mat finished, high pressure laminate, carefully selected to blend harmoniously with teak trim. Overhead of main cabin and all underdeck surfaces are finished in expanded vinyl or enamel of a texture and color to be compatible.

MAIN CABIN:

Dinette to port with drop leaf sea rail table converts to double berth. Cushions are used as back rests when not made up in bunk. Storage shelf in teak outboard of dinette. Wide quarter berth to starboard is equipped with sitting back rest which converts to bunk board for sleeping in a sea-way. Wide four foot long shelf outboard as well as shelf aft over quarter berth provide a convenient location for electronic equipment installation. Galley forward of quarter berth has two burner

alcohol stove recessed. The unit is installed so as to provide counter space when not in use. Large lockers located below galley and outboard of sink area. Drawer, bin lockers, and storage hatches below all bunks. Grab rails port and starboard. Concealed dust pan in cabin sole.

FORE CABIN:

The fore cabin has translucent hatch, teak shelves running the length of the berths, storage under both bunks and sail stowage forward.

THE HEAD:

Head is completely enclosed with teak door in midships passageway. Three bin lockers installed outboard of toilet. Optional opening, screened port light in cabin trunk. Dorade ventilator overhead. Hanging locker full length to starboard with teak door.

ICEBOX:

The icebox is fiberglass lined with foam insulation and fiberglass housing. One hundred pound separate ice compartment is entered from deck through flush hatch. Four cubic foot food compartment with access from main cabin. Icebox drains overboard through scuppers..

WATER TANK:

The 30 gallon capacity tank is located beneath the fore cabin berths. Fills and vents above deck.

ELECTRICAL SYSTEM:

Consists of one, or optional, two twelve volt batteries in separate boxes. Two bulkhead fixtures in main cabin, one in head, and one in fore cabin. Five circuit switch board located over engine space on after bulkhead. All required navigational lights.

CONSTRUCTION

HULL:

TARTAN'S hull is developed from a one-piece female mold to Sparkman and Stephens lines. Materials incorporated in the laminate are semi rigid laminating polyester resin, woven roving and fiberglass mat. Thickness in the keel section $\frac{3}{4}$ " , reducing to $\frac{5}{8}$ " at the turn of the bilge and $\frac{5}{16}$ " at shear. Structural members within the hull are fiberglass reinforced stringers, port and starboard, oak floor timbers and eight plywood bulkheads.

DECK:

Mechanically and chemically bonded to the hull throughout 4" cap and toe rail section. All horizontal surfaces utilize additional sandwich construction. The non-skid pattern is integrally molded. Teak cap rail, hatches, trim, etc. Two 5" x 12" fixed portlights. Four 24" x 10" dog house windows. Dorade boxes with cowl ventilators. Two colors used in deck construction optional.

WOODWORK:

Fore hatch and cockpit seat hatches, coamings, dorade boxes, grab rails, companion way, and trim of oiled Burma teak. Below decks joiner work, drawers, locker faces, bins, shelves, doors and two bulkheads also of Burma teak. Bulkheads are marine plywood with pressure laminate finish.

METALWORK:

On-deck hardware is of finest marine quality. All hardware fastened with stainless steel bolts. Chain plates, mast step, bow pulpit, and stanchions, are of stainless steel. Rudder of fiberglass with stainless 1" shaft, $1\frac{3}{4}$ " forward section reducing to sharp trailing edge. Deck hardware inventory: bow checks, 9" mooring cleat, stanchion sockets, pad-eyes, two 6' sections genoa T track with slides, two #3 genoa winches, two 8" after mooring cleats, flush-mounted water and fuel fill plates, recessed flag pole socket.

SPARS:

Mast 6" x 3 $\frac{3}{4}$ " elliptical, 6061 T6 aluminum extrusion with .125" wall, trailing edge flat with internal sail track. Stepped through deck to keel on stainless steel plate. Standing rigging 1 x 19 stainless steel to swaged ends. Mast cap and tangs stainless steel. Aluminum spreaders. Sheave box at mast head containing four sheaves for jib and main halyards. Turnbuckles chromed bronze. #1 top action main and genoa halyard winches. Boom 4 $\frac{1}{2}$ " x 2 $\frac{3}{4}$ " elliptical extrusion employing internal outhaul. Swiveling gooseneck fixed to mast. "Jiffy" reefing hardware included for one reef point. Bale at masthead for future spinnaker halyard installation.

CENTERBOARD:

Trunk is housed below cabin sole and is integral with hull. Pennant leads to winch under bridge deck for operation from cockpit. Centerboard 116 pounds fiberglass airfoil shape with steel core, extends 3'2" below keel in down position.

ENGINE:

UNIVERSAL ATOMIC 4 cylinder with 18 gallon corrosion resistant fuel tank. Exhaust loops at bridge deck and runs through water-fed silencer. Twelve-volt battery system supplied by alternator. One inch stainless steel shaft drives narrow blade 13 x 8 propeller. Fuel line shut off within easy reach. Flexible lead into engine. Vents outside coaming aft. Reverse gear lever mounted on side of cockpit to prevent leakage. Choke, ammeter, oil pressure gauge and ignition mounted in cockpit seat locker. Complete engine and battery access is gained through engine box. U.S.C.G. approved engine ventilating system.

ORDER GUIDE

COLOR OPTIONS:

Hull - topsides can be molded to standard color specifications. Boot top and anti-fouling available in red, green or blue.

DECK:

TARTAN deck color choices from standard color guide. Light colors are recommended. Cabin trunk and deck may be separately molded in two contrasting colors.

MATTRESSES:

Available in vinyl or nylon option.

PAYMENT SCHEDULE

Payment is made in three steps: \$2,500 deposit with order, \$3,000 when deck and hull of assigned boat are joined, balance on delivery.

The boat is guaranteed under the builders warranty.

STANDARD EQUIPMENT AND MATERIAL

ALOFT:

Mast head flag halyard

Dacron main and working jib

"Jiffy" reefing system

All necessary dacron and stainless
steel running rigging

Top action jib and main halyard winches

Stainless steel tangs and mast head
cap with spinnaker block bale

ON DECK:

Teak joiner work

Chrome and stainless hardware

Welded stainless steel pulpit

Plastic covered stainless life line

24" stanchions to N.A.Y.R.U. specifications

Dorade vents with 3" cowls

6 foot genoa track, slides and snatch blocks

#3 top action genoa sheet winches

Anchor and 25 fathoms rope

Water fill and fuel fill on deck

Translucent fore hatch

Oil gauge and ammeter

Hand bilge pump installed in cockpit

Flag pole socket

Main sheet traveler

Large seat hatches to sail lockers

5 x 12 fixed ports

Lighted compass

Complete navigational light system

BELOW:

30 gallon water tank

18 gallon fuel tank

Foam insulated ice box

Two burner alcohol stove

4" polyfoam mattresses (vinyl)

4 cabin lights

Grab rails entire length of main cabin

Rubbed and oiled teak

Chain locker

Main cabin table

Enclosed head

Enclosed hanging locker

4 life vests

2 dry chemical fire extinguishers

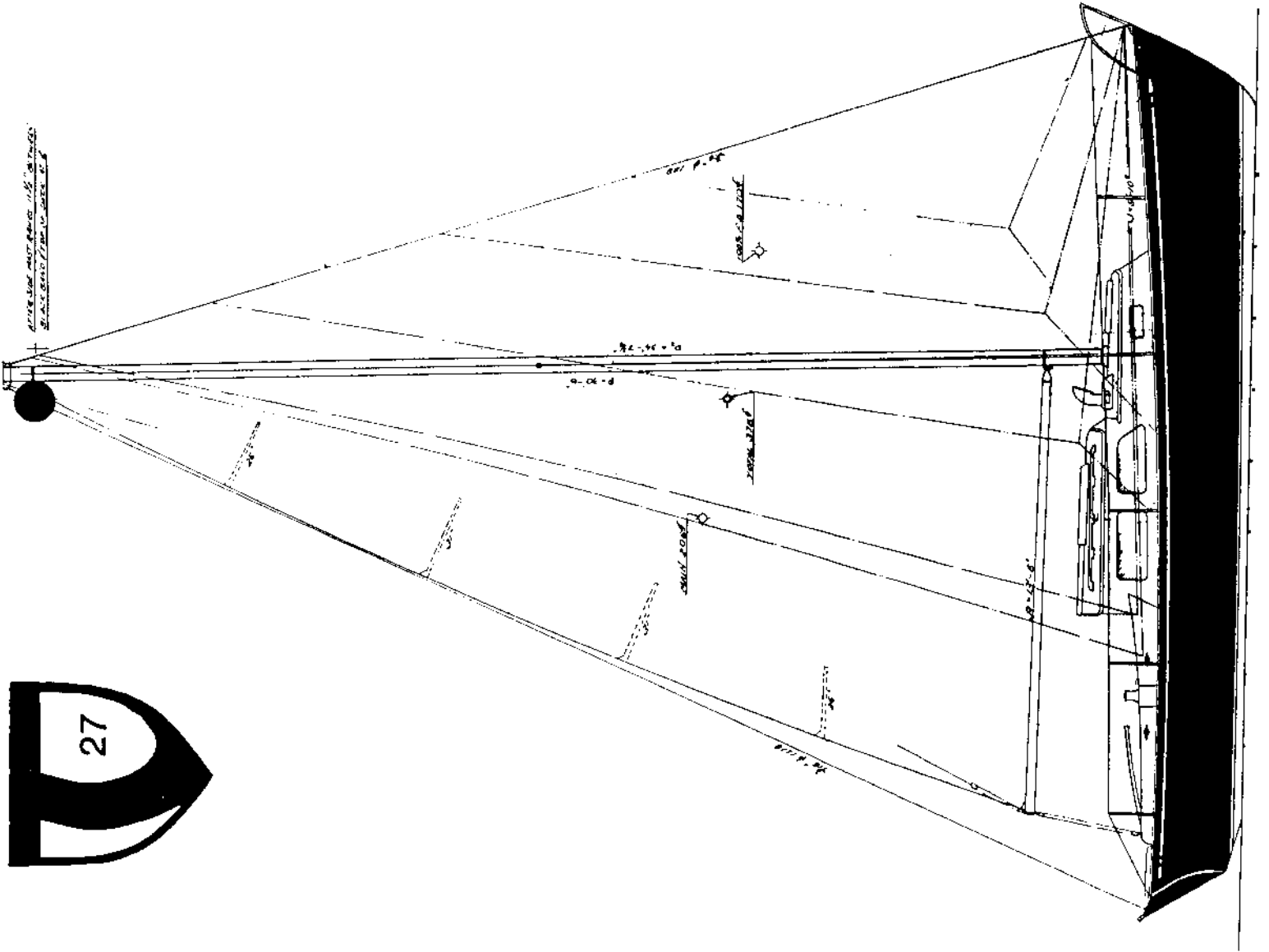
Fog horn

Fog bell

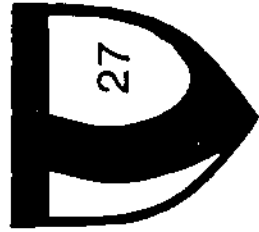
Accommodations for five

Concealed dust pan in sole

(Specifications subject to minor
change without notice)



ALL RIGGING MUST BE MADE IN THE
SHADE TO PREVENT STRETCHING



RACING INFORMATION

Since her introduction in 1961, TARTAN has proven to be the most consistent distance race winner of any single class built under 30 feet.

Two days after launching, she finished first in the Spring Off Soundings Race at New London, Connecticut. She has since repeated Off Sounding victories in both the Spring and Fall Series. First overall in the Edlu Race is among her victories as well and second in class in the Fall Off Soundings.

TARTAN victories are not restricted to one locale but are found wherever TARTANS are raced. Listed below are some Race Results:

FIRST	MORC Rudder Trophy Seasons Championship
FIRST	Fall Off Soundings
FIRST	MORC Stratford Shoal
FIRST	Div., Port Huron - Mackinac
FIRST	September Day MORC - L. I. Sound
FIRST	Mid-Summer Rendevous MORC - L. I. Sound
FIRST	Div., Trans - Superior
FIRST	Gross Ile Deepwater Race
FIRST	Class D, Detroit River Yachting Association
SECOND	Inter-Island Regatta - Great Lakes
FIRST	Div., Macan Series
SECOND	Class, Gulfport to Pensacola
FIRST	Buzzards Bay, Van Rensselaer Trophy Race
SECOND	GIYS Rhode River Raceback
SECOND	MRYC Regatta - Chesapeake
SECOND	GIYS Sharps Island - Chesapeake
FIRST	MYC Regatta - Chesapeake
SECOND	AYC Fall Series - Chesapeake
FIRST	Boston-Bermuda Cup Race
FIRST	Savin Hill Yacht Club Ocean Race
FIRST	Hammel Series - Great Lakes
SECOND	SHYC Hosea White Cup Race
FIRST	Div., Blue Water Spring Regatta
FIRST	J.O.R.C. Deadhorse Cove Race - New Jersey
FIRST	Noroton Yacht Club Cruising Series - Connecticut
FIRST	Spring Corinthian Rendevous - L. I. Sound
FIRST	ILYA Deepwater - Great Lakes
FIRST	MORC Vermillion Regatta
SECOND	Div., Lyman Cup - Great Lakes
SECOND	Sarasota to Venice Cruising Class
SECOND	Class, St. Pete Tarpon Springs FORA
FIRST	Lake St. Clair Season Championship
FIRST	Class, Pine Orchard Race - Southeast Coast
FIRST	University Club Regatta - Southeast Coast
FIRST	Class and Fleet, Naragansett Bay Final Series - Mass.
FIRST	Class, Falcon Cup - Great Lakes
SECOND	Falcon Cup - Great Lakes
SECOND	Monhegan Race
FIRST	Malibu Race - California
FIRST	Roberts Trophy - Great Lakes