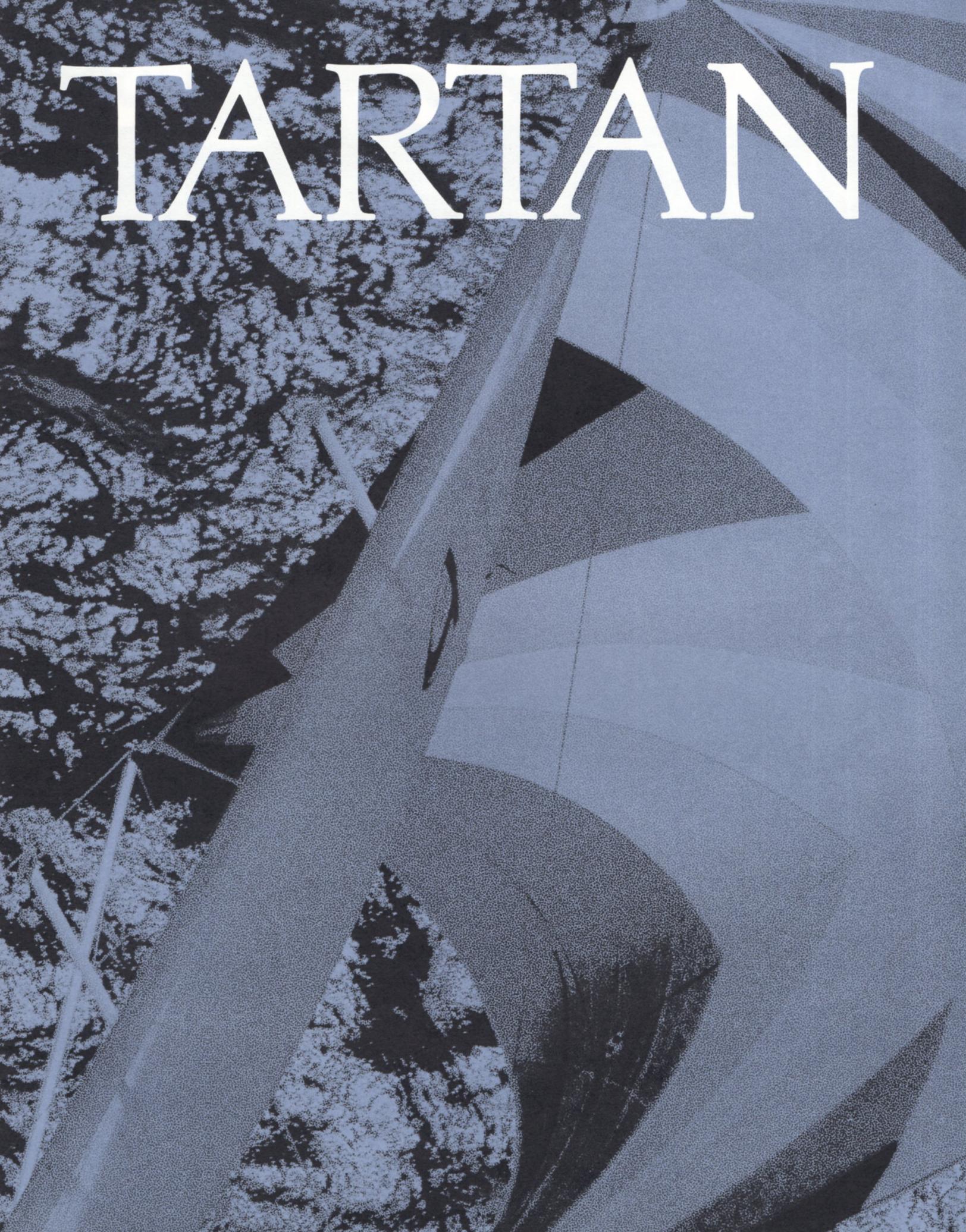


TARTAN



Tartan 28

31



DIMENSIONS

L.O.A.	28'3"	31'4"
L.W.L.	23'8"	26'0"
Beam	9'10½"	10'11"
Draft: Deep Fin	4'11"	6'0"
Scheel Keel	3'11"	4'4"
Centerboard Up	N/A	N/A
Down	N/A	N/A
Displacement	7,450 lbs.	9,030 lbs.
Ballast	3,200 lbs.	3,920 lbs.
Sail Area (sq. ft.)	408	506
I Foretriangle Height	38.00'	42.50'
J Foretriangle Base	11.50'	12.50'
P Mainsail Luff	33.42'	37.00'
E Mainsail Foot	11.33'	13.00'
Bridge Clearance		
Standard Rig	42'0"	47'0"
Optional Tall Rig	N/A	N/A

Designer

Sparkman & Stephens

Tim Jackett

34

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34'5"
 28'10"
 10'11½"
 6'3"
 4'5½"
 N/A
 N/A

11,000 lbs.
 4,400 lbs.

536
 44.80'
 13.60'
 39.20'
 11.90'

49'0"
 N/A

Sparkman & Stephens



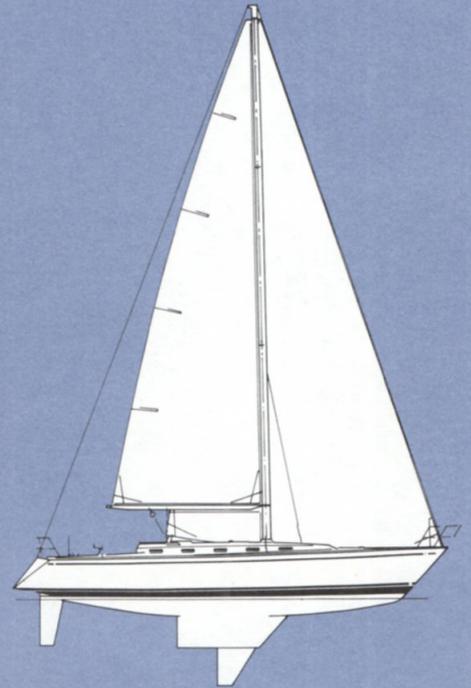
37'3½"
 29'5"
 11'9"
 6'7"
 4'7"
 4'2"
 7'9"

15,500 lbs.
 7,500 lbs.

625
 47.00'
 16.00'
 41.60'
 12.00'

52'0"
 53'8"

Sparkman & Stephens



40'3"
 31'7"
 12'8⅜"
 7'6"
 5'1"
 4'9"
 8'5"

17,800 lbs.
 7,600 lbs.

727
 51.00'
 16.00'
 45.50'
 14.00'

56'0"
 58'0"

Sparkman & Stephens

SPARS AND RIGGING

Mast	Extruded painted aluminum mast. Double spreader with babystay.	Extruded painted aluminum mast. Double spreader with babystay.
Standing Rigging	1x19 SS wire	1x19 SS wire
Adjustable Backstay	Split backstay with 4-part tackle.	Optional hydraulic.
Halyards	Internal, led aft to cockpit thru stoppers.	Internal, led aft to cockpit thru stoppers.
Main Halyard	3/8" low stretch	3/8" low stretch
Genoa Halyard	3/8" high tech low stretch.	3/8" high tech low stretch.
Spinnaker Halyard	3/8" yacht braid	3/8" yacht braid
Reefing	Single line "auto" reef led aft thru stoppers.	Single line "auto" reef led aft thru stoppers.
Traveler	Cockpit-mounted Lewmar with taglines.	House-mounted Lewmar with taglines. Cockpit-mounted optional.
Primary Winches (2 Standard)	Barient 22 self-tailing.	Barient 24 self-tailing.
Primary Winches (2 Optional)	Barient 24 self-tailing.	Barient 27 self-tailing.
Secondary Winches (2 Optional)	Barient 21. Barient 21 self-tailing.	Barient 21. Barient 21 self-tailing.
Halyard Winch	Barient 12.	Barient 18.
Main Sheet Winch	N/A	Barient 21 self-tailing.
Winch Handles	2	2

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Extruded painted aluminum mast.
Double spreader with babystay.

1x19 SS wire

Optional hydraulic

Internal, led aft to cockpit thru
stoppers.

$\frac{3}{8}$ " low stretch

$\frac{7}{16}$ " high tech
low stretch.

$\frac{7}{16}$ " yacht braid

Single line "auto" reef led
aft thru stoppers

Cockpit-mounted Lewmar with
taglines. House-mounted optional.

Barient 24 self-tailing.

Barient 27 self-tailing.

Barient 22.
Barient 22 self-tailing.

Barient 18.

Optional Barient 21 self-tailing.

2

Extruded painted aluminum mast.
Double spreader with double
lower shrouds.

1x19 SS wire

Optional hydraulic

Internal, led aft to cockpit thru
stoppers.

$\frac{3}{8}$ " low stretch

$\frac{7}{16}$ " high tech
low stretch.

$\frac{7}{16}$ " yacht braid

2 slab reefing lines, $\frac{3}{8}$ " yacht braid,
led aft to cockpit thru stoppers.

House-mounted Lewmar with
taglines.

Barient 28 self-tailing.

Barient 32 self-tailing.

Barient 24.
Barient 24 self-tailing.

Barient 18.

Barient 21 self-tailing.

3

Extruded painted aluminum mast.
Double spreader with babystay.

1x19 SS wire

Optional hydraulic

Internal, led aft to cockpit thru
stoppers.

$\frac{7}{16}$ " low stretch

$\frac{7}{16}$ " high tech
low stretch.

$\frac{7}{16}$ " yacht braid

Single line "auto" reef led
aft thru stoppers.

House-mounted Harken with
taglines.

Barient 32 self-tailing.

Barient 32 electric powered
self-tailing.

Barient 28 self-tailing.

Barient 24.

Barient 27 self-tailing.

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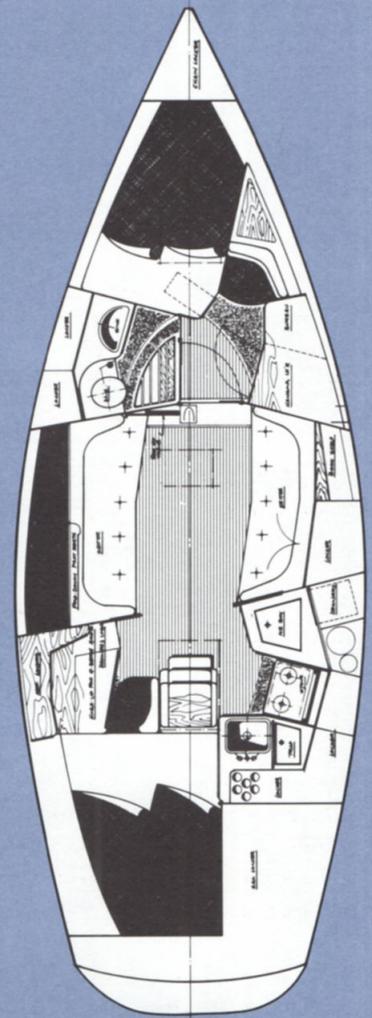
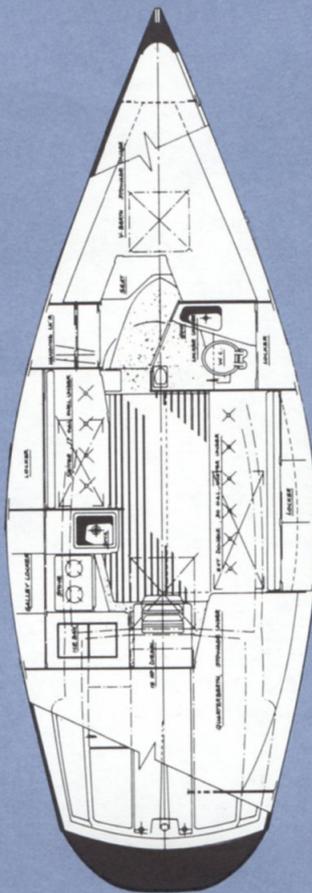
HULL AND DECK		
COCKPIT Layout	7'0" modified T-shaped cockpit.	7'6" T-shaped cockpit.
Steering	28" wheel steering. Pedestal includes guard and 4" compass.	36" stainless steel wheel on pedestal includes guard and 5" compass.
Sail Locker	Standard	Standard
Self Drain Cockpit Drain Diameter	Two 2"	Two 2"
DECK Construction	Hand-laid balsa cored laminates with reinforcements in high-stress areas. Molded non-skid on horizontal surfaces.	Hand-laid balsa cored laminates with reinforcements in high-stress areas. Molded non-skid on horizontal surfaces.
Outboard Genoa Track	Standard: Includes appropriate blocks and movable cars.	Standard: Includes appropriate blocks and movable cars.
Inboard Genoa Track	Standard: Includes movable wide sheave block.	Standard: Includes movable wide sheave block.
Rails and Lifelines	Stainless steel 1" diameter bow and stern pulpits. 1" stainless thru-bolted stanchions with double lifelines: 3/16" SS wire vinyl coated with gates. Swim ladder built in stern pulpit.	Stainless steel 1" diameter bow and stern pulpits. 1" stainless thru-bolted stanchions with double lifelines: 3/16" SS wire vinyl coated with gates. Swim ladder built in stern pulpit.
HULL Construction	Hand-laid to ensure proper glass/resin ratios, using uni-directional "E" glass with reinforcements in high-stress areas. Gel coat is NPG/ISO backed by Vinylester resin for blister and chemical resistance.	Hand-laid to ensure proper glass/resin ratios, using uni-directional "E" glass with reinforcements in high-stress areas. Gel coat is NPG/ISO backed by Vinylester resin for blister and chemical resistance.
Deck-to-hull joint	Thru-bolted lap joint bedded with butyl rubber, into 1/4" aluminum backing plate.	Thru-bolted lap joint bedded with butyl rubber into 1/4" aluminum backing plate.
Aluminum Toe and Strike Rail	Optional: (No Charge)	Optional: (No Charge)
Teak Toe Rail	Standard 1 3/4" high includes mid rail mooring chock w/cleat	Standard 1 3/4" high includes mid rail mooring chock w/cleat

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8'0" T-shaped cockpit.	9'0" T-shaped cockpit.	9'0" T-shaped cockpit.
36" stainless steel wheel on pedestal includes guard and 5" compass.	36" Edson stainless steel wheel on pedestal includes guard and 5" compass.	42" Merriman stainless steel wheel on pedestal includes guard and 5" compass.
Standard	Standard	Standard
Two 2"	Two 2"	Two 2"
Hand-laid balsa cored laminates with reinforcements in high-stress areas. Molded non-skid on horizontal surfaces.	Hand-laid balsa cored laminates with reinforcements in high-stress areas. Molded non-skid on horizontal surfaces.	Hand-laid balsa cored laminates with reinforcements in high-stress areas. Molded non-skid on horizontal surfaces.
Standard: Includes appropriate blocks and movable cars.	Standard: Includes appropriate blocks and movable cars.	Standard: Includes appropriate blocks and movable cars.
Standard: Includes movable wide sheave block.	Standard: Includes movable wide sheave block.	Standard: Includes movable wide sheave block.
Stainless steel 1" diameter bow and stern pulpits. 1" stainless thru-bolted stanchions with double lifelines: 3/16" SS wire vinyl coated with gates. Swim ladder built in stern pulpit.	Stainless steel 1" diameter bow and stern pulpits. 1" stainless thru-bolted stanchions with double lifelines: 3/16" SS wire vinyl coated with gates. Swim ladder built in stern pulpit.	Stainless steel 1" diameter bow and stern pulpits. 1" stainless thru-bolted stanchions with double lifelines: 3/16" SS wire vinyl coated with gates. Swim ladder built in stern pulpit.
Hand-laid to ensure proper glass/resin ratios, using uni-directional "E" glass with reinforcements in high-stress areas. Gel coat is NPG/ISO backed by Vinylester resin for blister and chemical resistance.	Hand-laid to ensure proper glass/resin ratios, using uni-directional "E" glass with reinforcements in high-stress areas. Gel coat is NPG/ISO backed by Vinylester resin for blister and chemical resistance.	Hand-laid to ensure proper glass/resin ratios, using uni-directional "E" glass with reinforcements in high-stress areas. Gel coat is NPG/ISO backed by Vinylester resin for blister and chemical resistance.
Thru-bolted lap joint bedded with butyl rubber into 1/4" aluminum backing plate.	Thru-bolted lap joint bedded with butyl rubber into 1/4" aluminum backing plate.	Thru-bolted lap joint bedded with butyl rubber into 1/4" aluminum backing plate.
Optional: (No Charge)	Optional: (No Charge)	Optional: (No Charge)
Standard 1 3/4" high includes mid rail mooring chock w/cleat	Standard 2 3/4" high includes mid rail mooring chock w/cleat	Standard 2 3/4" high includes mid rail mooring chock w/cleat



ACCOMMODATIONS

FINISH

Teak battened overhead; teak veneer ply bulkheads trimmed with teak moldings. Hand-rubbed oil finish. Teak and holly cabin sole. Choice of designer fabrics.

Teak battened overhead; teak veneer ply bulkheads trimmed with teak moldings. Hand-rubbed oil finish. Teak and holly cabin sole. Choice of designer fabrics.

BERTHS AND SEATING

V-berth with insert to form double. Port main cabin seating. Starboard main cabin settee with slide-out to form double. Quarterberth aft. 5" foam cushions.

Forward double berths. Port & starboard main cabin settee. Double quarterberth. 6" foam cushions.

ACCOMMODATIONS		
VENTILATION		
Ports	8@ 15"x5" aluminum opening ports with screens.	9@ 15"x5" aluminum opening ports with screens.
Opening Hatches	1@ 19"x19" annodized aluminum. Optional: 1@ 14"x14"	1@ 19"x19" annodized aluminum. 1@ 17"x12"
Dorades	N/A	2 cowl type
GALLEY		
Layout	Shallow "U" with louvered door lockers outboard. Thru bulkhead trash bin and trap dry storage.	"U"-shaped with louvered door lockers outboard. With 3 cutlery drawers and trap dry storage.
Stove	2-burner gimbaled alcohol stove with cutting board top. Others optional.	2-burner gimbaled CNG stove with oven and cutting board.
Refrigerator	4 cu. ft. ice box standard. Mechanical refrigeration optional.	6.5 cu. ft. ice box standard. Mechanical refrigeration optional.
Sink(s)	Single sink with foot pump for fresh water.	Single sink with foot pump for fresh water.
HEAD	W.C. with holding tank, molded sink with pressure water.	W.C. with holding tank, molded sink, pressure water.
NAVIGATION STATIONS	Fold-down with storage.	Standard Teak with 3 drawers.
STORAGE	1 hanging locker. Cabinets with louvered teak doors in cabin, plus cabinets with louvered teak doors in galley.	1 hanging locker. 4-dove-tailed teak drawers in cabin, plus 3 dove-tailed teak drawers in galley. Teak louvered doors in galley and cabin for proper ventilation.

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9@ 15"x5" aluminum opening ports with screens.

1@ 19"x19" anodized aluminum.
1@ 17"x12"

2 cowl type

"U"-shaped with louvered door lockers outboard. With 3 cutlery drawers and trap dry storage.

3-burner gimballed CNG stove with oven and slide-out cutting board. Others optional.

6.5 cu. ft. ice box standard. Mechanical refrigeration optional.

Single sink with foot pump for fresh water.

W.C. with holding tank, pressure water.

Standard Teak with chart locker and 3 drawers.

1 hanging locker. 4-dove-tailed teak drawers in cabin, plus 3 dove-tailed teak drawers in galley. Teak louvered doors in galley and cabin for proper ventilation.

9@ 15"x5" aluminum opening ports with screens.

1@ 24"x24" anodized aluminum.
1@ 17"x13"

2 cowl type, 2 low-profile

"U"-shaped with louvered door lockers outboard and 1 cutlery drawer and trap dry storage.

3-burner gimballed CNG stove with oven and slide-out cutting board. Others optional.

7 cu. ft. ice box standard. Mechanical refrigeration optional.

Double sink with foot pump for fresh water.

W.C. with holding tank, pressure water.

Standard Teak with chart locker and 3 drawers.

3 hanging lockers. 3-dove-tailed teak drawers in cabin, plus 1 large dove-tailed teak drawer in galley. Teak louvered doors in galley and cabin for proper ventilation.

10@ 17"x4" aluminum opening ports with screens.

1@ 24"x24" anodized aluminum.
1@ 19"x19"
2@ 10"x7"

2 cowl type

Wrap-around "U"-shaped with louvered door lockers outboard. With 3 cutlery drawers and trap dry storage.

3-burner gimballed CNG stove with oven and slide-out cutting board. Others optional.

7.5 cu. ft. ice box standard. Mechanical refrigeration optional.

Double sink with foot pump for fresh water. Foot pump for raw water.

W.C. with holding tank, pressure water.

Standard Teak with chart locker.

3 cedar-lined hanging lockers. 8 dove-tailed teak drawers in cabin, plus 2 dove-tailed teak drawers in galley. Teak louvered doors in galley and cabin for proper ventilation.

INTERIOR SYSTEMS

ELECTRICAL System

12-volt system with 2-95-amp batteries and 3-way battery switch.

12-volt system with 2-105-amp batteries and 3-way battery switch.

Control panel

Battery selector switch with main breaker and accessory breaker panel.

Battery selector switch with main breaker and accessory breaker panel.

Shore Power

Standard with 50' cord.

Standard with 50' cord.

Battery Charger

Optional 20-amp w/converter.

Optional 20-amp w/converter.

110-Volt outlets

3 Standard

4 Standard

Interior lighting

Dome lights, directional lights, and red/white night vision lights.

Dome lights, directional lights, and red/white night vision lights and courtesy lights.

Exterior lighting

Navigation and steaming lights. Foredeck lights.

Navigation and steaming lights standard. Foredeck lights.

PLUMBING System

Polyethylene tank with semi-rigid PVC plumbing.

Aluminum tank with semi-rigid PVC plumbing.

Water Capacity (Gallons)

30 gallons

40 gallons

Holding Tank (Gallons)

14 gallons

16 gallons

Hot Water

Standard – 6 gallons.

Standard – 6 gallons.

Pressure Water

Standard

Standard

Hand Shower

Standard

Standard

Bilge Pumps

(1) Manual bilge pump with through-cockpit installation.
(1) 12-volt automatic bilge pump.

(1) Manual bilge pump with through-cockpit installation.
(1) 12-volt automatic bilge pump.

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12-volt system with 2-105-amp batteries and 3-way battery switch.

Battery selector switch with main breaker and accessory breaker panel.

Standard with 50' cord.

Optional 40-amp w/converter.

4 Standard

Dome lights, directional lights, and red/white night vision lights and courtesy lights.

Navigation and steaming lights standard. Foredeck lights.

Aluminum tank with semi-rigid PVC plumbing.

57 gallons

24 gallons

Standard – 10 gallons

Standard

Standard

(1) Manual bilge pump with through-cockpit installation.
(1) 12-volt automatic bilge pump.

12-volt system with 2-105-amp batteries and 3-way battery switch. 3rd battery optional.

Battery selector switch with main breaker and accessory breaker panel.

Standard with 50' cord.

Optional 40-amp w/converter.

4 Standard

Dome lights, directional lights, and red/white night vision lights and courtesy lights.

Navigation and steaming lights standard. Foredeck lights.

Polyethylene tanks with semi-rigid PVC plumbing.

90 gallons

16 gallons

Standard – 12 gallons

Standard

Standard

(1) Manual bilge pump with through-cockpit installation.
(1) 12-volt automatic bilge pump.

12-volt system with 2-105-amp batteries and 3-way battery switch. 3rd battery optional.

Battery selector switch with main breaker and accessory breaker panel.

Standard with 50' cord.

Optional 40-amp w/converter.

4 Standard

Dome lights, directional lights, and red/white night vision lights and courtesy lights.

Navigation and steaming lights standard. Foredeck lights.

Aluminum tanks with semi-rigid PVC plumbing.

100 gallons

16 gallons

Standard – 12 gallons

Standard

Standard

(1) Manual bilge pump with through-cockpit installation.
(2) 12-volt automatic bilge pumps.

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Yanmar 3GM. 27 HP; 2:6:1 gear reduction. 1 1/8" SS propellor shaft. 3 cylinders. Freshwater cooled. Optional folding Martec prop.

Universal 40. 32 HP; 2:1:1 gear reduction. 1 1/8" SS propellor shaft. 4 cylinders. Freshwater cooled. Optional folding Martec prop.

Universal 50. 44 HP; 2:1:1 gear reduction. 1 1/8" SS propellor shaft. 4 cylinders. Freshwater cooled. Optional folding Martec prop.

N/A

UNIVERSAL 50

Yanmar 44 JHE

23 gallons

47 gallons

47 gallons

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