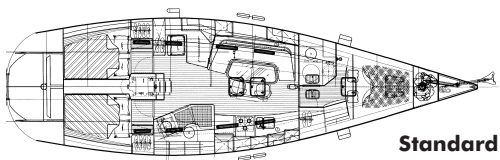
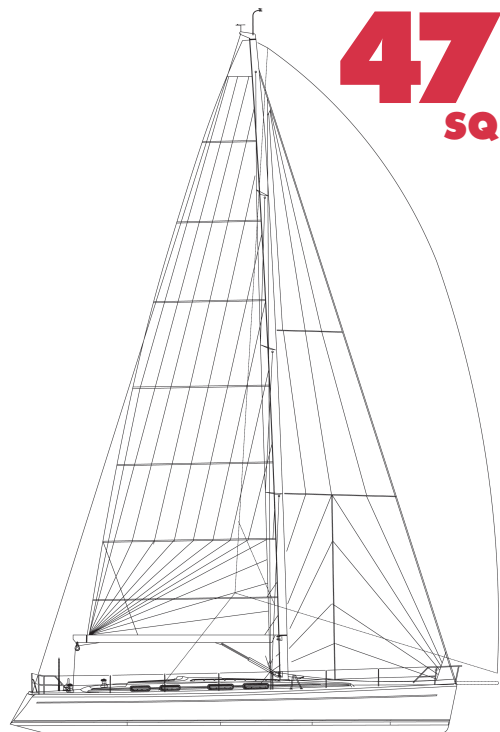


47

SQ



Standard



Regatta

See all variations at www.dehler.us

LOA	46.85'
LWL	41.33'
Beam	13.81'
Draft	
standard	7.87'
regatta	9.19'
shoal	6.56'
Displacement	27,999 lbs
regatta	27,033 lbs
shoal	29,149 lbs
Ballast (std)	10,886 lbs
Mast Height	74.04'
I	64.96'
J	17.95'
P	62.66'
E	20.50'
Sail Area	1,225 sq ft
D/L (std)	177
SA/D (std)	21.26
IMS	564
Design	Judel/Vrolijk
CE Category	A

Hull Construction

Hull and deck are built using the hand layup method. The laminated construction consists of hydrolysis proof vinylester resin, glass silk mats, roving fabrics, multidirectional fabrics and balsa wood core as sandwich material. The floor beams are laminated into the hull. They distribute the keel and rig forces evenly along the laminated construction. Through hull fittings placed in a recess. Internally the laminate is sealed using topcoat. Externally the hull is protected by an aluminum and plastic rub strip. Transom in hull color with flush hull-to-deck connection.

Deck Construction

Sandwich construction with end grain balsa core to provide strength and insulation. Aluminum reinforcements laminated in for all fittings. The hull and deck are laminated to create an integrated structure. The anchor locker is self-draining with a hatch on deck. Separate gasketed sail stowage locker reachable from deck. Teak deck surfaces.

Colors

Hull - RAL5004 blue/black with white striping or white with blue striping. Deck - white.

Keel

A combination of cast iron and lead. Keel profile with extremely low center of gravity, fastened to the hull by stainless steel bolts into the laminated-in floor beams. The floor beams, laminated into the hull, distribute the keel and rig forces evenly along the laminate construction.

Rudder

The elliptical balanced rudder has a shaft of solid seawater-resistant aluminum with stabilizing framework welded on. Self aligning needle bearings.

Cockpit

Ergonomic self draining cockpit with steering wheel on pedestal integrated in cockpit sole. Large lockers on starboard and port side. When closed, you can use the walk through transom as a storage room. Entrance to this storage room is also possible through the helmsmans seat. When opened, you can use the transom flap as a bathing platform. Cockpit seats and bathing platform covered with teak. Storage boxes for halyard and sheets on both sides. Storage room for gas

bottle on portside.

Ports & Hatches

Dehler patented entrance system, lockable from in- and outside. In total 10 ports which can be opened, 6 Rondal flush-fitting deck hatches.

Deck Equipment

- All sheets and halyards adjustable from cockpit.
- Electric anchorwinch installed in anchorbox, anchor roller, Delta anchor (44 lb) and chain (98')
- Pulpit, guardrail with side openings for boarding, 2 divided pushpits
- Teak pushpit seats
- 6 Nomen folding aluminum mooring cleats
- Halyard organizers
- Harken Black Magic mainsheet traveller
- Harken Black Magic adjustable genoa tracks
- Complete spinnaker/gennaker equipment including carbon pole, Harken Black Magic blocks, sheets, etc.
- Filler nozzle for watertank (2x)
- Filler nozzle for fuel tank (2x)
- Flush channel as preparation for integrated sprayhood
- 16 Spinlock halyard stoppers
- 2 electric carbon halyard winches, Harken Racing HB50.2 STREH
- 2 electric carbon genoa winches, Harken Racing HB65.2 STREH
- 2 electric carbon mainsheet winches, Harken HB50.2 STREH
- 2 winch handles with 2 winch handle pockets.
- 2 Dorade ventilators
- Flagstaff with flagstaff holder
- Carbon fiber Lewmar steering wheel with cover
- Magnetic compass on steering column
- Safety boarding ladder on transom
- Bathing ladder integrated in bathing platform
- Bilge pump (manual)
- Electric bilge pump
- Cockpit shower
- Teak cockpit table with stainless frame, cover
- Sprayhood with rollable windscreen, stows flush in deck channel
- Cockpit cushions - dark blue with white piping.
- Docklines and fenders

Dehler 
when passion meets reason

9/10 Rig

Nordic Spars carbon fiber, keel stepped, tapered mast with:

- carbon fiber boom
- 3 sets of spreaders
- Track on mast for spinnaker pole
- Fixed boom vang - carbon
- Carbon fiber spinnaker/gennaker pole
- Windex

Standing Rigging

- Stainless rod stays with roll-formed terminals
- Deck tip cups
- Integrated hydraulic backstay adjuster
- Harken Type 3 headsail furling system

Running Rigging

- Vectran main and jib halyards
- Spinnaker halyard
- Mainsail outhaul adjustable from cockpit.
- Dehler single line reefing system for reef 1 and 2
- Reef 3 conventional system
- Mainsheet led aft to cockpit to both port and starboard winches

Sails

- North Sails Mainsail, 732 sq ft radial--cut Spectra with 2 reefs, 5 full battens
- North Sails Genoa 140%, 818 sq ft radial-cut Spectra with rope luff and UV protection
- Dehler MainDrop System

Interior

All joinery and panelling in light natural cherry with high quality satin finish. All cabinet doors in salon and cabins furnished with louvers for ventilation. Southco knobs, handles and latches.

Forward Cabin

Spacious double berth with Comfort Bulltex mattress. On starboard side large cupboard and comfortable seat. On portside a head (high gloss cherry) with pump toilet incl. stainless holding tank with deck extraction, shower, wash basin and storage cupboards.

Salon

On portside U-shaped sofa. Salon table. Settee on starboard slide-able on tracks. Alcantara upholstery. Storage cupboards on both sides. On portside navigation station with large chart table and storage space for charts and nautical books. On starboard inline galley. Boatmaster touch screen panel for

electronics.

Galley

On starboard side, inline galley worktop with:

- Force 10 3-burner stove and oven (semi gimballed)
- Double stainless steel sink.
- Electric pressurised water supply.
- Lockers for pots and pans underneath and for victuals above.
- Refrigerated icebox (12 gal).
- Waste bin reachable from above.
- Isotherm Inox 130 refrigerator with brushed metal finish (34 gal).
- Faucet from Barka

Head

Spacious head (high gloss cherry) on starboard side, with wash basin, storage cupboards and pump toilet incl. stainless holding tank with deck extraction. Separate shower including single-handle tap and mirror. Faucet and shower from Barka.

Aft Cabin

On starboard and port side identical aft cabins with spacious double berths, with Comfort Bulltex mattresses, and cupboards.

Installation Room

Room for generator or watermaker between the 2 aft cabins.

Electrical System

- Starter battery, 12V/75AH
- House batteries, 2x12V/200AH
- 40amp Mastervolt battery charger
- Separate main switches for starter battery and house batteries.
- E-panel with circuit breakers at navigation station.
- Shore power connection in cockpit 120V outlet in nav station, pantry and heads
- 12 V outlet in nav station and cockpit
- Boatmaster touch screen control panel for electronics.

Navigation Instruments

- VHF preparation (wiring and antenna)
- Raymarine ST290 package consisting of two Graphic displays for Speed, Depth and Wind, plus Wind direction indicator, mounted in seahood.
- Raymarine Raychart 435 color plotter with GPS receiver, mounted at navigation table

Lighting

Interior: In forward cabin, salon, heads and aft cabins. Working light at navigation table. Night-light in entry, nav station and pantry.

- All lighting Italian-designed LED

Exterior:

- Fixed 2 color navigation and decklight.
- 2 color bow light
- White stern light
- Steaming light
- Tricolor masthead light and anchor light
- All LED lighting by Lopo Light

Fresh Water System

- 106 gallon gresh water tank level indicator and large inspection hatch
- 10 gallon water heater, heated by shore power or through engine
- Faucets in galley and in heads.

Engine

- 74hp Volvo Penta D2-75/130S Compact Diesel engine, 4 cylinder.
- Saildrive with 3 blade Flex-o-Fold folding propeller.
- 115amp alternator
- Control panel with digital hour indicator, oil pressure, temperature and voltage indicator
- Engine maintenance set
- 71 gallon aluminum fuel tank with level indicator

Shipping

Steel shipping cradle, shipping from factory in Freienohl, Germany to port of exit, over-seas shipping to east coast port of entry, U.S. customs duties and port fees.

Prices and specifications subject to change without notice. Revised April 2006