

## Dehler 45 Specification March 2010 - valid 1st March 2010

All weights and measurers are approximate

### Technical Data

LOA: 13,70m  
LWL: 11,99 m  
Beam: 3,86 m  
Draft: 2,20 m  
Displacement: 10.300 kg  
Ballast: 36% kg  
Engine: YANMAR 3JH4, 29,4 kW (approx. 40 HP), incl. saildrive  
Fresh water: 290 l  
Fuel tank: 160 l  
Mast length above WL: 20,85  
Total sail area: 102,0 m<sup>2</sup>  
Main sail: 61 m<sup>2</sup>  
Jib (105%): 41 m<sup>2</sup>  
Rig P:17,4; E:6,15; I:17,21; J:5,03

### General

The Dehler 45 is build according CE-Certification, Class A

### Hull & Deck

Hull - GRP handlaid sandwich construction with end grain balsa core for strength and isolation  
Hull - Supporting bulkheads bonded to the hull  
Hull - Construction of hydrolyses proofed venylester resin, roving fabrics, balsa wood core and unidirectional fabrics  
Hull - All thru hull fittings flush mounted  
Hull - Guardrail for hull protection  
Hull - Internally laminate sealed with topcoat  
Hull - Color white with blue waterline striping  
Hull - Portlights in hull (2 x owners, 4 saloon, 1 x each aft cabin)  
Deck - GRP handlaid sandwich construction with end grain balsa core for strength and isolation  
Deck - Aluminium reinforcements laminated inside for all fittings  
Deck - laminated to the hull in the mould for integrated structure  
Deck - Teak laid on deck  
Deck - Self draining anchor locker  
Deck - Color white  
Keel - Cast iron/lead keel with extremely low centre of gravity  
Keel - Stainless steel bolts integrated for fastening to the laminated in floor beams  
Keel - Floor beams laminate into the hull to distribute keel and rig forces along the laminate construction  
Rudder - Elliptical balanced rudder  
Rudder - Seawater resistand rudder shaft with stabilising framework  
Rudder - Self aligning rudder bearings  
Cockpit - Double wheel steering system with leather covered steering wheels  
Cockpit - Ergonomic self draining cockpit  
Cockpit - Large cockpit locker on starboard, Locker on port and aft locker in floor  
Cockpit - Teak at cockpit floor, stern-step and cockpitseats

### Deck Equipment

Deck Equip - Openable deck hatch in forward cabin (1) owners head (1) and saloon (1)  
Deck Equip - 8 windows, 6 are openable  
Deck Equip - Dehler patented entrance closing system at compagnionway  
Deck Equip - Sheets and halyards adjustable from cockpit  
Deck Equip - 6 standard mooring cleats  
Deck Equip - Stainless pulpit  
Deck Equip - Stainless devided pushpit  
Deck Equip - Safety boarding ladder  
Deck Equip - Handrails on coach roof  
Deck Equip - Genua tracks (Harken), adjustable from cockpit  
Deck Equip - Halyard winches Harken HB46STA, selftailing, on coach roof

Deck Equip - 10 Halyard stoppers on coach roof Spinlock  
Deck Equip - Genua winches HB50STA  
Deck Equip - German Manisheet system with Mainsheet winches HB46STA  
Deck Equip - 3 winch handles  
Deck Equip - Filler nozzles for water and fuel  
Deck Equip - Manual bilge pump  
Deck Equip - Anchor roller  
Deck Equip - Compass mounted at wheel  
Deck Equip - Mainsail outhaul adjustable from cockpit

#### Engine and Electronics

Engine - YANMAR 29kw (approx. 40 HP), with Saildrive  
Engine - 2 blade "Flex-o-fold" propeller  
Engine - Fuel tank 160 litres with tank indicator  
Electrics - 2 x Consumer battery 12V / 95 Ah  
Electrics - Starter battery 12V / 70 Ah  
Electrics - Main switches for consumer and engine battery  
Electrics - DC control panel with automatic circuit breakers  
Electrics - Electric bilge pump 12V  
Electrics - Battery charger 30A and shore power connection  
Electrics - AC control panel  
Lighting - Interior light in all cabins, saloon, head and navigation area  
Lighting - Reading light at navigation chart table  
Lighting - LED navigation light  
Lighting - Steaming light  
Water - Freshwater tank 270l with tank level and large inspection hatch  
Water - Warmwater Boiler (20l) heated by 220V or engine.  
Water - Electric fresh water pump  
Water - Faucet in galley and head  
Water - Cockpit shower (warm/cold)

#### Interior & Accommodation

Fwd Cabin - Convenient V-berth with large storage below  
Fwd Cabin - Ample storage shelves  
Fwd Cabin - Wooden panels on ship's side  
Fwd Cabin - Hanging Locker on starboard side  
Fwd Head - Spacious head with pump toilet  
Fwd Head - Holding tank with deck extraction  
Fwd Head - Wash basin with fresh water tap  
Fwd Head - Locker with mirror at sliding doors  
Saloon - All joinery and panels in mahogany with high quality protection finish (optional teak)  
Saloon - Solid frame woodwork with smooth surface  
Saloon - Ceiling innerliner painted in off white  
Saloon - Roomy sofa for 6-8 persons  
Saloon - Detachable back-rests  
Saloon - Table with foldable sides and ample drinks locker  
Saloon - Ample storage space  
Aft Cabin - Portside roomy aft cabin with double bed, ample storage, wardrobe and cupboard  
Aft Cabin - Starboardside walking in locker reachable through the shower area  
Aft Cabin - Storage room below berth  
Galley - Port side L-shape functional galley  
Galley - Double sink with chrome plated water tap  
Galley - Lockers for pot and pan  
Galley - Worktop with 2-burner stove and oven (semi-gimballed)  
Galley - Top loaded cooling box 100 l with compressor divided in 2 parts by panel  
Aft Head - Spacious head with pump toilet  
Aft Head - Holding tank with deck extraction  
Aft Head - Wash basin with fresh water tap

Aft Head - Shower cabinet

Aft Head - Locker with mirror at sliding doors

Aft Head - Hanging locker and shelves suitable for wet clothing

#### Rig and Sails

Rig - 9/10 aluminium keel stepped tapered mast, Selden

Rig - 3 pairs of spreaders

Rig - Spipole track

Rig - Aluminium boom

Rig - Fixed boomvang, Selden

Rig - Stainless steel shrouds (Dyform) and stays with roll-formed terminals

Rig - Stainless steel bottle screws

Rig - Backstay hydraulic adjustable

Rig - Halyards for main and jib in dyneema

Rig - Spinnacker halyard

Rig - Dehler quick reefing system

Rig - Furlex 300TD below deck furling system

construction data. Changes in construction and equipment reserved. For later delivery Dehler Yachts GmbH reserves the right to apply latest price list. Valid from 1.03.2010