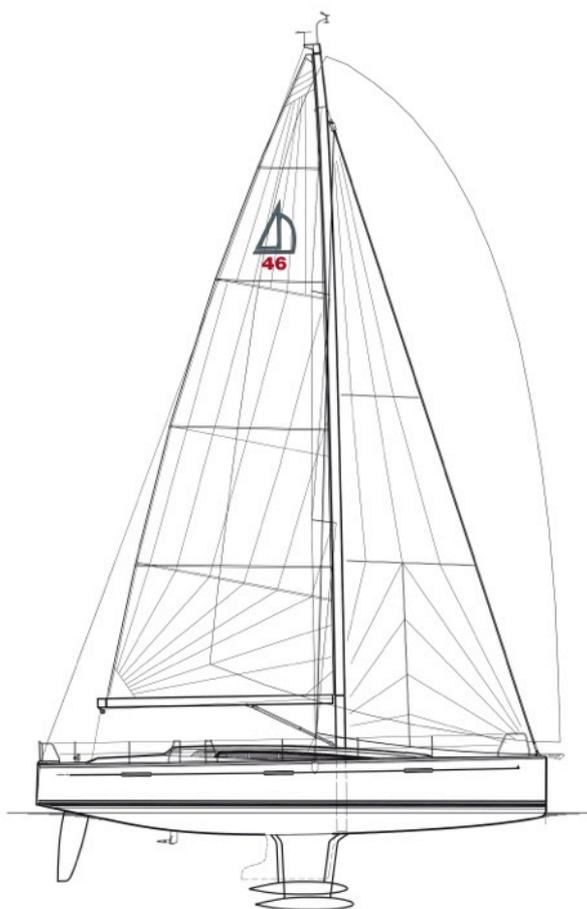


# 46

valid from 1.07.2014

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C2      B1      A1



C1      B1      A1



## TECHNICAL DATA

LOA	14.40 m
Hull length	13.95 m
LWL	12.90 m
Beam	4.35 m
Draft	2.25 m standard 2.50 m competition 1.85 m shallow
Displacement	10.816 kg standard 10.466 kg competition 11.156 kg shallow
Ballast	3.500 kg standard 3.200 kg competition 3.800 kg shallow
Engine	Volvo D2-55 (53 HP) std Volvo D2-75 (72 HP) opt
Fresh water	approx. 450 l
Fuel tank	approx. 210 l
CE Certificate	The Dehler 46 is built according to CE-Certification, Class A
Mast top DWL	21.11 m standard 21.59 m competition
Total sail area	114.1 m <sup>2</sup> standard 121 m <sup>2</sup> competition
Main sail	64.4 m <sup>2</sup> standard 70 m <sup>2</sup> competition
Furling Jib 106%	49.7 m <sup>2</sup> standard 51 m <sup>2</sup> competition
Gennaker	160 m <sup>2</sup> standard 180 m <sup>2</sup> competition
Rig	I 18.10 m standard I 18.88 m competition J 5.29 m standard J 5.29 m competition P 17.70 m standard P 18.70 m competition E 6.25 m standard E 6.35 m competition
Design	judel / vrolijk & co
Interior	Dehler yachts

## HULL & DECK

### HULL

- White hull
- Dark blue double waterlines and coveline
- Options for different hull colours according to Dehler colour selection
- Isophthalic NPG gelcoat
- Vinylester resin
- Vacuum infused hull in sandwich construction using foam
- Bulkheads laminated to hull
- Sandwich main bulkhead laminated to hull and deck
- Composite bulkhead to sail locker
- 6 hull windows

### DECK

- White deck
- Isophthalic Gelcoat
- Vinylester 1<sup>st</sup> layer
- Bulk laminate Polyester (Orthophtalic or DCPD)
- Balsa sandwich
- Non-slip deck surface
- Teak on coachroof strip

## KEEL & STEERING SYSTEM

### KEEL

- Cast iron T-speed with low center of gravity, 2.25 m (std)
- Cast iron L-shape keel with low center of gravity, 1.85 m (opt)
- Cast iron/lead Competition T-speed with low center of gravity, 2.50 m (opt)
- Stainless steel keel bolts

### STEERING SYSTEM

- Wire link steering system with two steering pedestals
- 2 steering wheels covered with leather
- Semi-balanced, profiled rudder with alloy shaft And self-aligning needle bearings
- Optional: competition rudder
- Emergency tiller

## DECK EQUIPMENT

- Self-draining chain locker
- Optional: Electric anchor windlass
- Sail locker, accessed from deck
- 3 opening large flush hatches
- 6 acrylic opening glass windows
- 3 opening small flush hatches
- 2 opening small portlights
- 4 mooring cleats, retractable
- 2 self-tailing halyard winches 50 Lewar Race
- 2 self-tailing genoa winches 55 Lewmar Race
- 2 self-tailing mainsheet winches 50 Lewmar Race
- Halyards lead to cockpit
- Control lines covered on the coachroof
- 2 winch handles
- Shower unit at transom
- 10 halyard stoppers
- Mainsheet traveller in cockpit
- Open bow pulpit
- Pushpit with ensign staff socket
- Sliding hatch garage
- Sliding hatch
- Drop board
- Double stainless steel safety rail
- Handrails
- Teak on cockpit seats
- Electrical anchor winch
- Optional: Cockpit table
- Optional: Bathing platform
- Swimming ladder

## TECHNICAL SYSTEM

### PLUMBING SYSTEM / FRESH WATER

#### TANK

- Polyethylene water tank, approx. 450 l
- Water inflill on deck

#### HOT WATER

- Water heater, 22l

#### PUMPS

- Electrical pressurised water system

#### FAUCETS

- Faucets in galley and head

## DRAINING PUMPS

### BILGE PUMPS

- 1 manual bilge pump
- 1 electric bilge pump

### TOILET/HEAD

- Polyethylene holding tank, approx. 80l (day head)
- Polyethylene black water tank, approx. 35 l (fwd head)
- Polyethylene grey water tank, approx. 70l (opt)
- 2 manual marine toilets
- Sea and deck discharge
- 2 heavy duty shower drain pumps

## ENGINE

- Volvo D2-55, 39kW/53hp, diesel engine
- Saildrive
- Fresh water cooling
- 3-blade folding propeller
- Polyethylene fuel tank, approx. 210 l
- Fuel inflill on deck
- Seawater strainer
- Fuel filter / Water separator
- Revolution counter
- Engine hour meter
- Engine room sound insulated

## ELECTRICS

- 12V and 230V electrical circuits
- Shore power 230V incl. differential breaker

### BATTERY CHARGER

- Battery charger 12V/30Amp

### BATTERIES

- Main battery switch
- 1 Engine battery: 12V/90Ah, AGM
- 1 Service battery: 12V/165Ah, AGM

### ELECTRIC CONTROL PANEL 12V

- Onboard electrics
  - Socket 12V
  - Voltmeter
  - Water & Fuel gauges
- ### ELECTRIC PANEL 110V/230V
- Differential breaker
  - Socket 230V
  - Separate switch for warm water heater

### INTERIOR LIGHTNING

- in fwd. cabin
- in aft cabins
- in saloon
- in galley
- in head
- in storage room

### NAVIGATION LIGHTS

- Steaming light
- Bow light, LED
- Stern light, LED
- Anchor light, LED

### NAVIGATION INSTRUMENTS

- Illuminated compass

## GALLEY

- L-shaped galley on starboard
- Seashell white worktop
- Double stainless steel sink with mixing tab
- 3-burner LPG stove with oven, gimbaled
- LPG gas system
- Self draining LPG bottle storage in cockpit
- Lockers and drawers
- Extra large 12V fridge, top and front opening, approx. 130l
- Waste bin

## INTERIOR ACCOMMODATION

- High quality marine plywood, mahogany style, satin varnish
- Floorboards: Australian acacia
- Wooden door frames
- Wood / Sandwich doors

### UPHOLSTERY

- according to Dehler colour selection

### FORWARD CABIN

- Separated from saloon by a door
- Large "island" berth
- Combined lockers
- Shelves above along hull
- Toilet with en suite shower with manual marine toilet and wash basin

### AFT CABINS

- Separated from saloon by a door
- 1 opening portlight to cockpit for each cabin
- 1 opening hatch for each cabin
- 1 hull portlight for each cabin
- C2: single berth on port with storage space, Combined locker and shelf along the hull, double berth on stb side with combined locker and shelf along the hull
- C4: 2 double berth cabins with combined lockers and shelves along the hull

### SALOON

- Companionway curved steps
- U-shaped settee area on starboard and bench on the port side
- Saloon table
- Lockers and shelves

### NAVIGATION AREA

- Separated navigation area on port side
- B1: Fixed chart table with storage, bench
- B2: Sliding chart table, chaise lounge
- Electric switch panel

### HEAD/SHOWER

- Large head with separate shower stall
- Marine toilet
- Holding tank
- Sea and deck discharge
- Sink
- Electrical drain pump
- Mirror
- Locker & shelves
- Opening acrylic glass window

## RIGG AND SAILS

- 9/10 rig, tapered masttop
- Two spreader anodised aluminium mast and boom
- Under deck furling system for jib
- Single line reefing system
- Rod kicker
- Stainless steel standing rigging
- Hydraulic backstay adjuster
- "German" mainsheet system
- Main and jib halyard lead aft to cockpit
- Main and jib sheets
- Main sail fully battened with 2 reefs Elvström FCL