

# 46

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## TECHNICAL DATA

|                  |                                                                                                                                                                                  |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| LOA              | 13.90 m                                                                                                                                                                          |
| Hull length      | 13.90 m                                                                                                                                                                          |
| LWL              | 12.40 m                                                                                                                                                                          |
| Beam             | 4.31 m                                                                                                                                                                           |
| Draft            | 2.25 m standard<br>2.75 m competition<br>1.82 m shallow                                                                                                                          |
| Displacement     | 11.200 kg standard<br>10.700 kg competition<br>11.500 kg shallow                                                                                                                 |
| Ballast          | 3.500 kg standard<br>3.200 kg competition<br>3.800 kg shallow                                                                                                                    |
| Engine           | Volvo D2-55 (53 HP) std<br>Volvo D2-75 (72 HP) opt                                                                                                                               |
| Fresh water      | 450 l                                                                                                                                                                            |
| Fuel tank        | 220 l                                                                                                                                                                            |
| CE Certificate   | The Dehler 38 is built according to CE-Certification, Class A                                                                                                                    |
| Mast top DWL     | 21.11 m standard<br>21.59 m competition                                                                                                                                          |
| Total sail area  | 114.1 m <sup>2</sup> standard<br>117.8 m <sup>2</sup> competition                                                                                                                |
| Main sail        | 64.4 m <sup>2</sup> standard<br>67.5 m <sup>2</sup> competition                                                                                                                  |
| Furling Jib 106% | 49.7 m <sup>2</sup> standard<br>50.3 m <sup>2</sup> competition                                                                                                                  |
| Gennaker         | approx. 150.65 m <sup>2</sup>                                                                                                                                                    |
| Rig              | 17.85 m standard<br>18.33 m competition<br>J 5.24 m standard<br>J 5.24 m competition<br>P 17.50 m standard<br>P 18.00 m competition<br>E 6.30 m standard<br>E 6.30 m competition |
| Design           | judel / vrolijk & co                                                                                                                                                             |
| Interior         | Dehler                                                                                                                                                                           |



C2 B1 A1



C1 B1 A1



## 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 1st layer
- Vacuum infused hull in sandwich construction using foam
- Bulkheads laminated to hull
- Main bulkhead laminated to hull and deck
- Carbon reinforced GRP strongback
- 6 hull windows

### DECK

- White deck
- Isophthalic Gelcoat
- Vinylester 1st layer
- Bulk laminate Polyester (Orthophthalic 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/lead T-speed with low center of gravity, 2.25 m (opt)
- Cast iron L-shape keel with low center of gravity, 1.82 m (opt)
- Cast iron/lead Competition T-speed with low center of gravity, 2.75 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 windlass
- Sail locker, accessed from deck
- 4 opening large flush hatches
- 4 acrylic opening glass windows
- 6 opening small flush hatches
- 2 opening small portlights
- 6 mooring cleats, retractable
- 2 self-tailing halyard winches 50 Lewar Race
- 2 self-tailing genoa winches 55 Lewmar Race
- 2 selftailing mainsheet winches 50 Lewmar Race
- Halyards lead aft to cockpit
- Control lines covered on the coachroof
- 3 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
- Adjustable foot supports
- Optional: Cockpit table
- Dedicated life raft storage
- Optional: Bathing platform
- Swimming ladder

## TECHNICAL SYSTEM

### PLUMBING SYSTEM / FRESH WATER

#### TANK

- Polythylene water tank, approx. 450 l
- Water in-fill 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. 85l (day head)
- Polyethylene holding tank, approx. 35 l (fwd head)
- 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. 220 l
- Fuel in-fill on deck
- Seawater strainer
- Fuel filter / Water separator
- Revolution counter
- Engine hour meter
- Engine room sound insulated

## ELECTRICS

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

### BATTERY CHARGER

- Battery charger 12 V / 30 Amp.

### BATTERIES

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

### ELECTRIC CONTROL PANEL 12V

- Onboard electrics
- Socket 12 V
- Voltmeter
- Water / Fuel gauges

### ELECTRIC PANEL 110 V / 230 V

- Differential breaker
- Socket 230 V
- Separate switch for warm water heater

### INTERIOR LIGHTNING

- in fwd. cabin
- in aft cabin
- 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
- Depth sounder and log

## GALLEY

- L-shaped galley on starboard

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

## INTERIOR ACCOMMODATION

- High quality marine plywood, mahogany style, satin
- varnish
- Classic stripes floorboards
- 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 ensuite shower with manual marine toilet and wash basin
- Vanity table

### 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
- C1: 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
- C2: 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
- Chart table with storage
- 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