

# 46

**Business Year 2014\_2015**

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## TECHNICAL DATA

LOA	14.40 m
LWL	12.90 m
Beam	4.35 m
Draught	2.25 m (standard) 2.50 m (comp.) 1.85 m (shallow) 2.45 m (west coast)
Displacement	11.200 kg (standard) 10.700 kg (comp.) 11.550 kg (shallow) 11.050 kg (west coast)
Ballast	3.500 kg (standard) 3.150 kg (comp.) 3.850 kg (shallow) 3.350 kg (west coast)
Engine	Volvo D2-55 (53 hp)
Fresh water	approx. 450 l
Fuel tank	approx. 210 l
CE Certificate	Class A
Mast above WL	21.20 m (standard) 22.20 m (comp.)
Total sail area	114.1 m <sup>2</sup> (standard) 128.0 m <sup>2</sup> (comp.)
Main sail	64.4 m <sup>2</sup> (standard) 73.0 m <sup>2</sup> (comp.)
Furling Jib 106%	49.7 m <sup>2</sup> (standard) 55.0 m <sup>2</sup> (comp.)
Spinnaker	174.5 m <sup>2</sup> (standard) 185.7 m <sup>2</sup> (comp.)
Gennaker	160.0 m <sup>2</sup> (standard) 180.0 m <sup>2</sup> (comp.)
Rig	I 18.10 m (standard) I 18.90 m (comp.)  J 5.29 m  P 17.60 m (standard) P 18.70 m (comp.)  E 6.25 m (standard) E 6.55 m (comp.)
Design	judel/vrolijk & co
Interior	Dehler

## Decks Layout



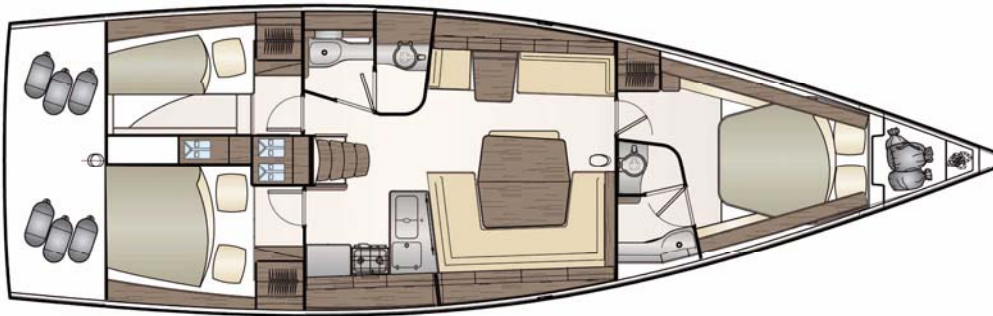
## Interior Layout

STANDARD

C2

B1

A1

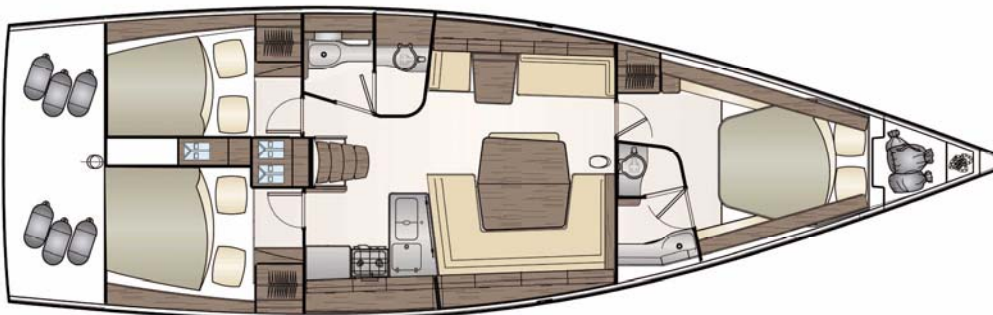


OPTION

C4

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 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 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 L-shape keel low center of gravity, 1.85 m (opt)
- Cast iron/lead Competition T-speed 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 & PLUMBING SYSTEM / FRESH WATER

### TANK

- Polyethylene water tank, approx. 450 l
- Water infill 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 infill 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

- On-board 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

### NAVIGATION INSTRUMENTS

- Illuminated compasses

## 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