

# 46

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## TECHNICAL DATA

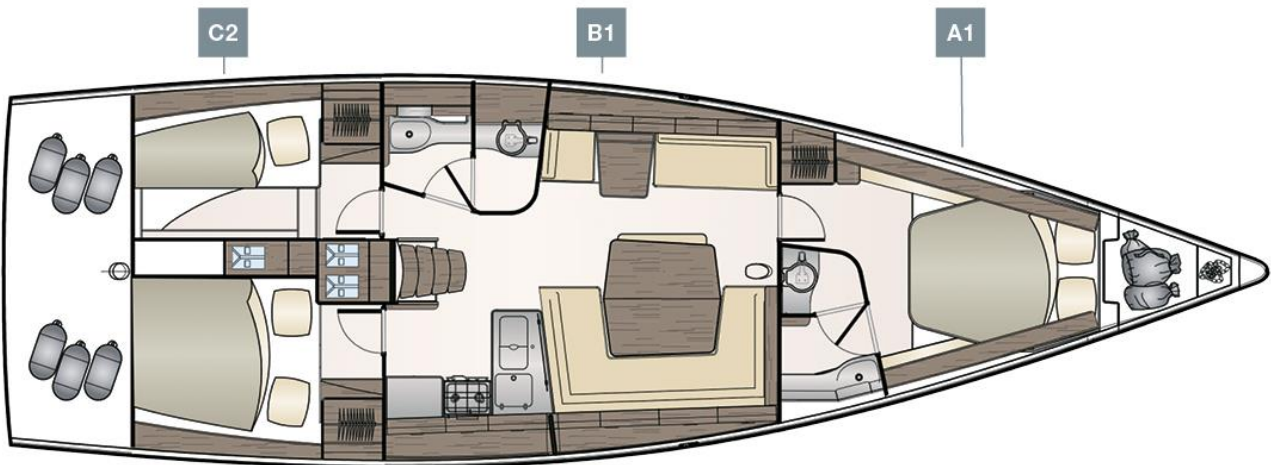
LOA	14.40 m / 47'2"
Hull length	13.95 m / 45'8"
LWL	12.90 m / 42'3"
Beam	4.35 m / 14'3"
Draught	
Standard	2.25 m / 7'4"
Competition	2.50 m / 8'2"
Shallow	1.85 m / 6'1"
West Coast	2.45 m / 8'0"
Displacement	
Standard	11.20 t / 24,691 lbs
Competition	10.70 t / 23,589 lbs
Shallow	11.55 t / 25,463 lbs
West Coast	11.05 t / 24,361 lbs
Ballast	
Standard	3.50 t / 7,716 lbs
Competition	3.15 t / 6,944 lbs
Shallow	3.85 t / 8,488 lbs
West Coast	3.35 t / 7,385 lbs
Engine	Diesel approx. 39 kW / 53 HP
Fresh water	approx. 450 l
Fuel tank	approx. 210 l
Mast above WL	
Standard	21.20 m / 69'5"
Competition	22.20 m / 72'8"
Total sail area	
Standard	114.10 m <sup>2</sup> / 1,228 sq ft
Competition	121.00 m <sup>2</sup> / 1,302 sq ft
Main sail	
Standard	64.40 m <sup>2</sup> / 639 sq ft
Competition	73.00 m <sup>2</sup> / 753 sq ft
Furling Jib 106%	
Standard	49.70 m <sup>2</sup> / 535 sq ft
Competition	55.00 m <sup>2</sup> / 592 sq ft
Spinnaker	
Standard	174.50 m <sup>2</sup> / 1,878 sq ft
Competition	185.70 m <sup>2</sup> / 1,998 sq ft
Gennaker	
Standard	171.20 m <sup>2</sup> / 1,843 sq ft
Competition	179.40 m <sup>2</sup> / 1,931 sq ft
Rig	
Standard	Competition
I 18.10 m / 59'4"	I 18.90 m / 62'9"
J 5.29 m / 17'3"	J 5.29 m / 17'3"
P 17.60 m / 57'7"	P 17.68 m / 58'0"
E 6.25 m / 20'5"	E 6.55 m / 21'5"
CE Certificate	Class A
Design	judel/vrolijk & co.
Interior	Dehler

DECK LAYOUT

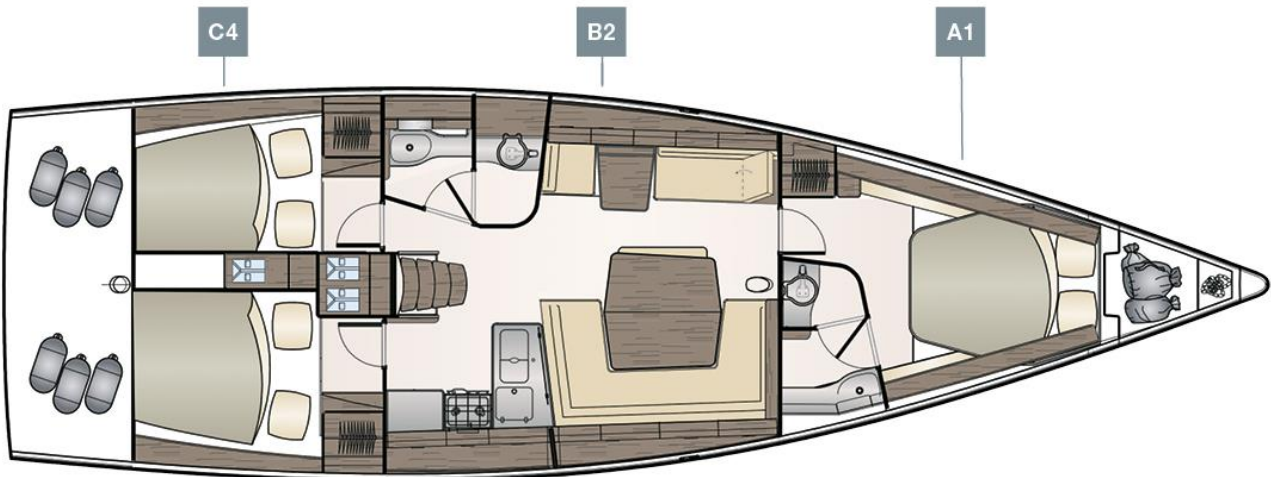


INTERIOR LAYOUT

STANDARD



OPTION



## HULL & DECK

### HULL

- White hull
- Dark blue double waterlines and coveline
- Options for different hull colours according to Dehler colour selection
- Isophthalic NPG gelcoat
- Vinylster 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
- 'Dehler Carbon Cage' Carbon reinforced inner grid
- 6 large hull windows

### DECK

- White deck
- Isophthalic Gelcoat
- Vinylster 1<sup>st</sup> 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 with low center of gravity, 1.85 m (opt)
- Cast iron/lead Competition T-speed with low center of gravity, 2.50 m (opt)
- Cast iron/lead L-shape cruising keel with low center of gravity, 2.25 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 infill on deck

### HOT WATER

- Water heater, 20 l

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

## ENGINE

- Diesel approx. 39 kW / 53 HP with 3-blade folding propeller
- Saildrive
- Fresh water cooling
- Polyethylene fuel tank, approx. 210 l
- Fuel infi II 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 A

### BATTERIES

- Main battery switch
- 1 Engine battery: 12 V/90 Ah, AGM
- 1 Service battery: 12 V/160 Ah, AGM

### ELECTRIC CONTROL PANEL 12 V

- 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 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 compasses on steering consoles

## 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. 130 l
- 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
- B1 layout: U-shaped settee area on starboard and alongside bench on port
- Optional B2 layout: U-shaped settee area on starboard and alongside convertible in chaise lounge on port
- Saloon table
- Lockers and shelves

### NAVIGATION AREA

- Separated navigation area on port side
- B1: Sliding 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