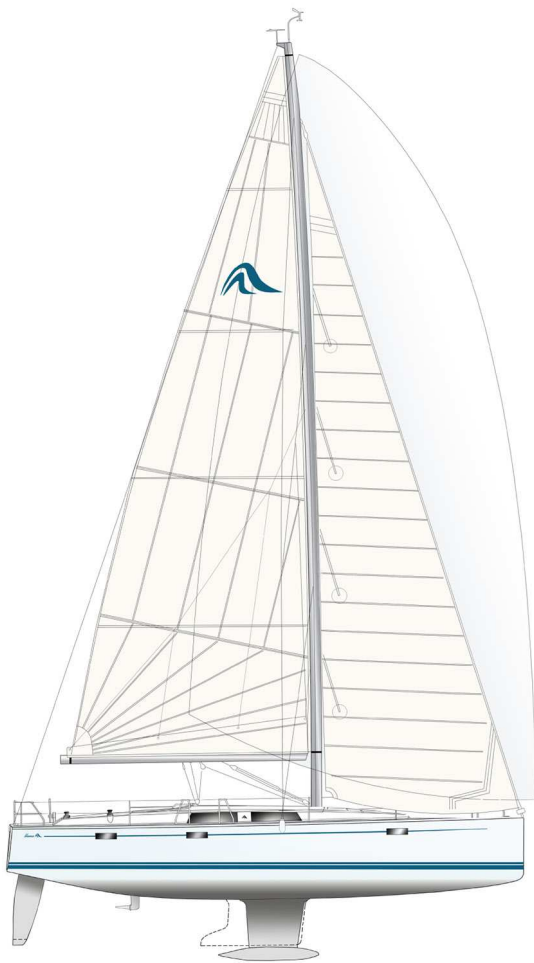


SPECIFICATION

HANSE

415

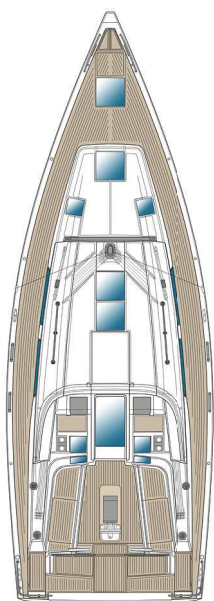


LOA	12,40 m 40'8"
Hull length	11,99 m 39'4"
LWL	11,40 m 37'5"
Beam	4,17 m 13'8"
Draft	2,10 m 6'11" (standard) 1,72 m 5'8" (option)
Displacement	approx. 8,90 t approx. 19.621 lb approx. 9,36 t approx. 20.063 lb
Ballast	approx. 2.900 kg approx. 6.393 lb
Engine	27,9 kW / 38 HP
Fresh water	approx. 520 l
Fuel tank	approx. 160 l
CE Certificate	A (ocean)
Mast length above waterline	Approx. 19.60 m approx. 64'4"
Total sail area	approx. 87,00 m ² approx. 936' sq ft
Main sail	approx. 52,50 m ² approx. 565' sq ft
Self-tacking jib	approx. 34,50 m ² approx. 372' sq ft
Genoa 105%	approx. 40,00 m ² approx. 431' sq ft
Gennaker	approx. 120,00 m ² approx. 1292' sq ft
Rig	I: 16,47 m 54'0" J: 4,68 m 15'4" P: 16,17 m 53'1" E: 5,57 m 18'3"
Design	judel / vrolijk & co
Interior	HanseYachts Design

Model year 2013/2014 – valid from July 1st, 2013

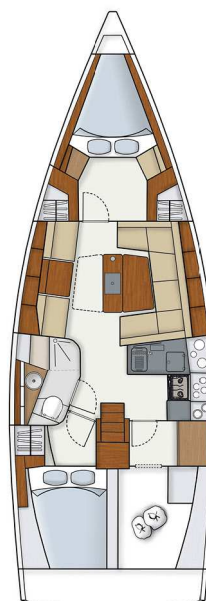
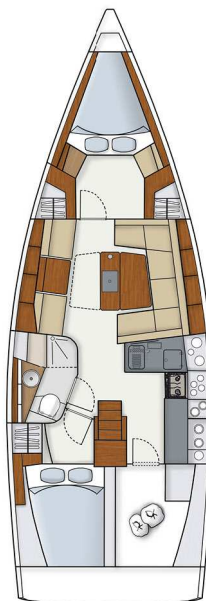
STANDARD

A1 | B1 | C1



OPTIONS

A1 | B2 | C3



A2 | B2 | C2



HULL

- White hull
- Dark grey double waterlines
- Options for different hull colour according to Hanse colour selection
- Isophthalic Gelcoat
- Vinylester 1st layer
- Bulk laminate Polyester (orthophtalic or DCPD)
- Sandwich construction (Balsa) – above the waterline
- Bulkheads laminated to hull
- GRP strongback

DECK

- White deck
- Isophthalic Gelcoat
- Vinylester 1st layer
- Bulk laminate Polyester (Orthophtalic or DCPD)
- Balsa sandwich
- Non-slip deck surface on coach roof

STEERING SYSTEM

- Chain link steering system
- Twin wheel steering system
- Semi-balanced, profiled rudder with alloy shaft and self-aligning needle bearings
- Emergency tiller

KEEL

- T-speed keel with low centre of gravity
- Draft: 2,10 m T speed keel
- Option: shallow draft – 1,72 m L shape keel
- Stainless steel keel bolts

DECK EQUIPMENT

- Self-draining anchor locker with hatch
- Self-draining closed cockpit with large lockable storage
- 4 opening flush hatches (fwd. cabin)
- 2 opening flush hatches (saloon)
- 3 opening side windows (saloon)
- 1 opening side window (head)
- 2 opening deck hatches on coach roof (aft cabins)
- 2 portlights for aft cabin(s)
- 1 opening portlight for aft cabin facing cockpit
- 2 glove compartments at the companionway
- 4 mooring cleats
- 2 self-tailing halyard winches 45 AST EVO
- 2 self-tailing secondary winches 45 AST EVO (optional)
- Halyards lead aft to cockpit
- Control lines covered on the coach roof
- "German" mainsheet system
- Winch handle
- Shower on aft deck
- Bow fitting with anchor roller - pad eye and teak step
- 10 halyard stoppers
- Pulpit
- Pushpit with ensign staff socket
- Sliding hatch garage
- Sliding hatch
- Retractable wash board
- Double stainless steel wire guard rail
- Handrails on coachroof
- Teak on cockpit seats
- Swimming ladder
- Cockpit table with storage space
- Hinged bathing platform
- Lifer raft storage on transom (optional)

TECHNICAL SYSTEM

PLUMBING SYSTEM / FRESH WATER

- Tank
- Fresh water capacity approx. 520 l divided in 2 tanks
- Water infill on deck

Hot water

- Warm water heater, running from engine or immersion heater 230 V, 22 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

- Holding tank, 35 l
- Sea and deck discharge
- 1 manual marine toilet
- 1 heavy duty shower drain pump

ENGINE

- Volvo D2-40, 27,9kW / 38 HP, diesel engine
- Optional: Volvo D2-55, 39kW/53HP, diesel engine
- Saildrive
- Fresh water cooling
- 2-blade fixed propeller for std engine
- 3-blade fixed propeller for opt engine
- Fuel tank, approx. 160 l
- Fuel infill on deck
- Seawater strainer
- Fuel filter / Water separator
- Revolution counter
- Engine hour meter
- Engine room sound insulated

ELECTRICS

- 12 V and 110 V / 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 12 V

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

Electric panel 230 V

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

Interior lighting

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

Navigation lights

- Steaming light
- Bow light
- Stern light
- Anchor light

Navigation instruments

- Illuminated compass
- Depth sounder and log

GALLEY

- Quartz black surface
- Double stainless steel sinks
- 2-burner LPG gas stove with oven, gimbaled
- LPG Gas system
- Storage in cockpit
- Lockers and drawers
- Extra large 12 V fridge of approx. 130 l, top and front loader with light
- Drawer fridge, 70 l (optional)
- Waste bin
- Hull portlight

INTERIOR ACCOMMODATION

- High quality marine plywood, mahogany style, satin varnish
- Floorboards: Maple style
- White bulkheads
- Wooden door frames
- Wood / Sandwich doors

Upholstery

- According to Hanse colour selection

Forward cabin

- Separated from saloon by a door
- Large double berth
- Combined lockers
- Shelves along hull
- Vanity table
- 2 hull portlights

Aft cabin

- Separated from saloon by a door
- Large double berth
- Combined locker
- Shelf along the hull
- Option: 2nd aft cabin with double berth and locker
- 1(2) hull window(s)

Saloon

- Companionway steps
- U-shaped settee area on starboard
- Folding saloon table
- Bar locker under the saloon table
- Lockers and shelves

Navigation area

- Chart table (lowering, converting in bench)
- Chart table facing forward
- 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
- Hull portlight

RIGG AND SAILS

- 9/10-rig, tapered masttop
- 2 spreader anodised aluminium mast and boom
- Above deck furling system for jib
- Hanse single line reefing system (cockpit handling)
- Rod kicker
- Stainless steel standing rigging
- Purchase system 1:32 for backstay
- Main and jib halyard lead aft to cockpit
- Main and jib sheets
- Midboom sheeting with 2 stand-up blocks
- Main sail fully battened with 2 reefs
- Self-tacking jib with traveller