

SPECIFICATION

HANSE

455



LOA	13.95 m 45'7"
Hull length	13.55 m 44'6"
LWL	12.20 m 40'0"
Beam	4.38 m 14'4"
Draft	2.25 m 7'4" (standard) 1.82 m 5'8" (option, T-speed) 2.25 m 7'4" (option, L-shape)
Displacement	approx. 11.6 t approx. 25,570 lb
Ballast	approx. 3,500 kg approx. 7,716 lb
Engine	39 kW / 53 HP
Fresh water	approx. 450 l
Fuel tank	approx. 220 l
CE Certificate	A (ocean)
Mast length above waterline	approx. 20.60 m approx. 67'6" ft
Total sail area	approx. 103 m ² approx. 1,108'7" sq ft
Main sail	approx. 59 m ² approx. 635'1" sq ft
Self-tacking jib	approx. 44 m ² approx. 476'6" sq ft
Genoa 105%	approx. 52.5 m ² approx. 597'4" sq ft
Gennaker	approx. 160 m ² approx. 1,722'2" sq ft
Rig	I: 17.80 m 58'4" J: 5.50 m 18'0" P: 17.00 m 55'7" E: 5.95 m 19'5"
Design	judel / vroljik & co
Interior	HanseYachts Design

Model year 2014/2015 – valid from July 1st, 2014

STANDARD

A1 | B1 | C2

OPTIONS

A1 | B2 | C2

A2 | B1 | C2

A2 | B2 | C2



HULL

- White hull
- Dark grey double waterlines
- Options for different hull colours according to Hanse colour selection
- Isophthalic Gelcoat
- Vinylester 1st layer
- Bulk laminate Polyester (orthophthalic or DCPD)
- Main bulkhead laminated to hull and deck
- GRP strongback
- Hull windows

DECK

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

STEERING SYSTEM

- Twin wheel steering system
- 2 leather covered steering wheels
- Semi-balanced, profiled rudder with alloy shaft and self-aligning needle bearings
- Emergency tiller

KEEL

- Standard: T shape keel draft: 2.25 m / 7'4"
- Option: Shallow draft 1.82 m / 5'8"
- Option: L shape keel draft: 2.25 m / 7'4"
- Stainless steel keel bolts

DECK EQUIPMENT

- Self-draining chain locker
- 7 opening large flush hatches
- 4 acrylic opening glass windows
- 4 opening small flush hatches
- 2 opening small portholes
- 4 mooring cleats
- 2 self-tailing halyard winches 50 AST EVO
- Optional: 2 self-tailing genoa winches 45 AST EVO
- Halyards lead aft to cockpit
- Control lines covered on the coachroof
- 1 winch handle
- Shower on aft deck
- 10 halyard stoppers
- Midboom sheeting with 2 stand-up blocks
- Split pulpit
- Pushpit with ensign staff socket
- Sliding hatch garage
- Sliding hatch
- Drop board
- Double stainless steel safety rail
- Handrails
- Teak on L shape cockpit benches
- Teak on lid halliard storage boxes
- Teak on helmsmen seats
- Cockpit table
- Bathing platform with teak surface
- Swimming ladder

TECHNICAL SYSTEM

PLUMBING SYSTEM / FRESH WATER

Tank

- Fresh water capacity approx. 450 l
- Water infill on deck
- Greywater tank option 150 l

Hot water

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

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
- 2 manual marine toilets
- Sea and deck discharge

ENGINE

- Volvo D2-55 39 kW / 53 HP, diesel engine
- Saildrive
- Fresh water cooling
- 3-blade fixed propeller
- Fuel tank, approx. 220 l
- Fuel infill 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 / 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 lighting

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

Navigation lights, all LED

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

Navigation instruments

- Illuminated compass
- Depth sounder and log

GALLEY

- Quartz black surface
- Double stainless steel sink
- 3-burner LPG gas stove with oven, gimbale
- Gas system and self draining LPG bottle storage in cockpit
- Lockers and drawers
- Extra large 12 V fridge of approx. 130 l, top and front loader with light
- Waste bin

INTERIOR ACCOMMODATION

- High quality marine plywood, mahogany style, satin varnish
- Acacia style floorboards
- White bulkheads
- Wooden door frames
- Wood / sandwich doors

Upholstery

- Monte carlo cream

Forward cabin

- Separated from saloon by a door
- Large "island" berth
- Combined locker
- Shelves above berth
- Toilet and shower room with manual toilet with holding tank and sea and deck discharge
- Options according to Hanse individual Cabin Concept

Aft cabins

- Separated from saloon by a door
- 2 double aft cabins
- Combined lockers
- 1 opening port hole to cockpit for each cabin
- 1 opening hatch for each cabin

Saloon

- Companionway steps
- U-shaped settee area on starboard and 2 seater sofa on 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
- On deck furling system for jib
- Hanse single line reefing system (cockpit handling)
- Rod kicker
- Stainless steel standing rigging
- Backstay adjuster
- Main and jib halyard lead aft to cockpit
- Main and jib sheets
- Mainsail fully battened with 2 reefs
- Self-tacking jib with traveller