

# SPECIFICATION

HANSE

# 445



LOA	13,52 m   44'3"
Hull length	13,40 m   43'9"
LWL	12,20 m   40'2"
Beam	4,38 m   14'4"
Draft	2,25 m   7'4" (standard) 1,82 m   5'8" (option)
Displacement	approx. 11 t   approx. 24.250 lb approx. 11,3 t   approx. 24.912 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. 20,3 m   approx. 66'7" ft
Total sail area	approx. 96,36 m <sup>2</sup>   approx. 1040'1" sq ft
Main sail	approx. 55,73 m <sup>2</sup>   approx. 599'9" sq ft
Self-tacking jib	approx. 40,63 m <sup>2</sup>   approx. 437'3" sq ft
Genoa 106%	approx. 45,81 m <sup>2</sup>   approx. 493'1" sq ft
Gennaker	approx. 150,65 m <sup>2</sup>   approx. 1621'6" sq ft
Rig	I: 17,52 m   57'5" J: 5,25 m   17'2" P: 16,55 m   54'3" E: 5,90 m   19'4"
Design	judel / vrolijk & co
Interior	HanseYachts Design

Model year 2012/2013 – valid from August 1<sup>st</sup>, 2012

## STANDARD

A1 | B1 | C2

## OPTIONS

A2 | B1 | C2

A1 | B2 | C2

A2 | B2 | C2



## HULL

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

## DECK

- White deck
- Isophthalic Gelcoat
- Vinylester 1<sup>st</sup> 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"
- Stainless steel keel bolts

## DECK EQUIPMENT

- Self-draining chain locker
- 5 opening large flush hatches
- 4 acrylic opening glass windows
- 2 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 cockpit seats
- Cockpit table
- Bathing platform with integrated helmsmen seats
- Swimming ladder

## TECHNICAL SYSTEM

### PLUMBING SYSTEM / FRESH WATER

#### Tank

- Fresh water capacity approx. 450 l
- Water infill on deck

#### 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 in/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 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 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
- 2-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
  - Maple style floorboards
  - White bulkheads
  - Wooden door frames
  - Wood / Sandwich doors
- ### Upholstery
- According to Hanse colour selection

### 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

### 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
- Under 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
- Main sail fully battened with 2 reefs
- Self-tacking jib with traveller