



SPECTRUM 50 BASE SPECIFICATIONS



MAIN DIMENSIONS

Length overall	15,30m
Waterline length	14,92m
Beam	5,09m
Draft	3,25m
Displacement	8,75t
Fixed ballast	3,15t
Water capacity	500l
Fuel capacity	120l
Engine	55HP, S-Drive
Mainsail	87,9m ²
Head sail	74,6m ²
Asymmetric spinnaker	262,2m ²

I	19,680m
J	7,036m
P	19,575m
E	6,750m

Design category CE A

Yacht, marine and exterior Design
Construction, Equipment and Engineering
Interior Design

Humphreys Yacht Design
Ocean Tec d.o.o.
SPECTRUM and AMDM Visual Design

All prices are in EUR excl.VAT, ex yard. All weights and measurements are calculate numbers based on construction data. SPECTRUM YACHTS reserves the rights to modify specifications and pricelist without prior notice.

STANDARD MODEL SPECIFICATION

CONSTRUCTION

HULL AND DECK

5-axis CNC machined hull and deck tooling.

Vinylester infused SAN foam core sandwich, Carbon and E-glass reinforcements.

Bulkheads and inner structure vinylester infused SAN foam core sandwich with carbon unidirectional reinforcements.

White gel coat finish outside, 2-part PU paint sprayed inside.

Non-skid finish on horizontal deck surfaces and sole boards.

KEEL

3.25m draft T-keel.

Cast SG iron "H" section fin with composite leading and trailing edge fairings. Antimonial lead bulb.

Keel assembly faired to a racing finish.

BULKHEADS AND INTERNAL STRUCTURE

Bulkheads vacuum infused on vacuum table, sandwich construction, PVC foam core, multi-axial E-glass reinforcements and vinyl ester resin. Structurally glued and taped to hull and deck. Bow and stern watertight bulkheads.

CHAINPLATES

Composite chainplates structurally glued and taped to hull and structure

ON DECK EQUIPMENT

DECK HARDWARE

High density foam inserts, additional reinforcements &/or E-plates in way of all high load fittings. Harken winch and hardware package Spinlock clutches.

Loop organisers.

Pit / Mainsheet 2 x Harken Performa 60.3STP winch (TBC).

Primary 2 x Harken Performa 60.2STP winch (TBC).

Runner / Traveller / Utility 2 x Harken Performa 50.2STP winch (TBC).

Harken 2:1 Mainsheet system and traveller.

Floating ring jib lead.

Carbon fibre bow sprit.

Anchor locker.

316 stainless steel headstay chainplate.

Carbon fibre chainplates for V1, D1, inner forestay and runners.

Moonlight Compact Flush hatches and portlights.

Composite watertight companionway door.
Integrated bulwark / toe-rail Pushpit, pulpit and stanchions seated on composite spigots with lock fastening.
Adjustable helmsman's platform / foot chocks.
Pop-up mooring cleats on bulwark (Seasmart or similar).
Bow fairlead / strong point for towing.
Clipping points for jackstays.
Lightweight drop-down transom platform operated by pulley system.
Large lazarette space for dinghy and dedicated liferaft stowage.

MAST & RIGGING

Deck-stepped standard modulus carbon mast, boom and spreaders.
Alloy mainsail track (Harken, Antal or similar).
Ni50 rod rigging.
Runners for rig tune only – i.e. not reequired for rig stability during tacks, gybes, etc. 1 x Mainsail halyard (2:1).
1 x Jib halyard.
1 x Staysail halyard.
1 x Fractional halyard.
2 x Masthead halyards (1 x 1:1; 1 x 2:1)
Removable inner forestay.

SPECTRUM YACHTS

A large, light grey graphic element resembling a stylized wing or a wide, shallow 'V' shape, positioned behind the 'SPECTRUM YACHTS' text.

STEERING SYSTEM

Twin spade rudders with E-glass foam sandwich blades and stainless steel stocks.
Self aligning rudder bearings.
Tiller arms with connecting bar.
Fixing positions for 2 x autopilot rams.
Twin wheel steering system.

INTERIOR

Forward Owner's cabin with double berth, large en-suite W.C. / washroom / shower, hanging lockers, sofa seating and desk.
Hull windows and overhead flush opening deck hatches.
Saloon area with generous settee seating and table to starboard.
Galley and forward facing navigation station to port with additional saloon seating / pilot berth.
Hull windows and overhead flush opening deck hatches.
L shaped galley with double sink, gimballed gas cooker with 3 burners and refrigerator.
Overhead storage lockers, drawers and cupboards.
Enclosed head compartment to starboard and shower / wet-room to port with overhead flush opening deck hatches.
Aft cabins with either twin or double berths, hanging lockers.
Hull windows and opening portlights into cockpit.
All interior units are moulded from foam cored E-glass sandwich panels with a polished gelcoat finish.
Berth mattresses and saloon seating cushions Cabin sole boards from foam cored E-glass sandwich panels

SYSTEMS

ENGINE SYSTEM

55hp marine diesel engine with saildrive unit (Yanmar 4JH5CE x SD60 or similar).

Standard engine alternator.

2-blade Flexofold race propeller.

Ventilated engine and machinery space with sound & vibration proofing.

Engine and machinery space accessed via lifting companionway steps and removable side panels. Exhaust system running to transom.

Engine control panel located by starboard helm station.

Single lever Morse control by starboard helm station.

120L fuel tank with deck filler.

WATER AND PLUMBING SYSTEM

2 x manual bilge pumps.

2 x Automatic Electrical bilge / shower pumps.

Flexible freshwater tanks with deck filler.

Flush mounted seacocks.

2 x Marine toilets.

Holding tanks provided for each toilet.

50L hot water calorifier (Webasto Isotemp or similar).

Electric pressure pump for hot and cold running water to galley, heads and deck shower.

ELECTRICAL SYSTEM

Engine start battery 65Ah.

2 x Consumer batteries 110Ah.

Shore power system.

12V electrical panel with switches located at Navigation station.

Battery monitoring display.

LED navigation lights at masthead, bow and stern.

Electrical equipment accessible for maintenance, repair or removal.

Electrical equipment and cabling of a type proven satisfactory for marine use.

Interior LED lightning

SPECTRUM YACHTS

STANDARD MODEL PRICE (VAT excluded, ex yard, incl. handover and instruction)

€ 630.000

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OPTIONS

CONSTRUCTION

EPOXY BUILT BOAT

Infused epoxy / E-glass / SAN foam sandwich with paint finish Alternative draft keel options

ON DECK EQUIPMENT

RUNNING RIGGING

Highest quality spliced ropes package – sheets, halyards and control lines

Lazy Jacks and bag / webbing

Rope bags in cockpit

Hydraulic package to include: outhaul in boom, vang and inner forestay hydraulic tensioner.

Dyneema lifelines.

MAST AND RIGGING

Alu mast, boom and spreaders

Boom vang

Solent furling system (single line Facnor or Continuous line Facnor or Karver)

Downwind sails / Code0 furler (Facnor or Karver)

OFFSHORE

Large sliding dodger

CRUISING / COMFORT

Teak decking in Cockpit and Deck

Mooring package (mooring ropes and fenders)

Bimini

Sprayhood

Electric Windlass

Hydraulic rotating Anchor System

Bowthruster

Hybrid Power

Dinghy, Liferaft and other loose equipment in different packages

And many, many other comfort options to fit Owners dreams and desires

SPECTRUM YACHTS

SAILS

Sails package upon request:

Fully battened, square-top mainsail with 3 reefs. 105% Solent (furling on main headstay).
Heavy weather staysail (hanked to inner forestay). Masthead gennaker.
Fractional gennaker.
Masthead or fractional Code 0.
Storm trysail and storm jib.

INTERIOR

Interior design custom made to fit owners requirements.

Using high end materials and quality, leather, mahogany and chromed fixtures and fittings, SPECTRUM YACHTS will ensure a high end delivery and state of the art contemporary design.

CRUISING / COMFORT / APPEARANCE

Leather upholstery
LED mood lighting
Customized interior appearance to fit Owners dreams and wishes

SPECTRUM YACHTS

EQUIPMENT

ELECTRONIC EQUIPMENT

Electronic equipment specifications to fit owner's wish upon request

SAFETY EQUIPMENT

Life raft
Category 0 equipment pack
Specific safety equipment to fit national registration flag requirements upon request

DELIVERY SERVICES

Transport costs to delivery harbour
Delivery lump sum package including mast stepping, sailing preparations, sea trials
Antifouling

ALL OPTION PRICES UPON REQUEST. PLEASE DO NOT HESITATE TO CONTACT US FOR A CUSTOMIZED OPTION PACKAGE QUOTATION

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