



HH42 by Judel Vrolijk

€259,000 VAT excluded

Reference ID: 499	Displacement (Kg): 4215
Builder / Designer: Hakes Marine	Beam (mtr): 4.30
Model: HH42	Draft (mtr): 3.2
Designer: Judel and Vrolijk	Displacement (Kg): 4215
Year : 2013	Material: Carbon
Location: Spain	Engine: Yanmar

Disclaimer

Description

The Hakes Marine, HH42 is a fully optimised high performance grand prix racing yacht. It has been designed by *Judel/Vrolijk* & co to be the fastest in its size around the race track, and to be competitively raced and win on IRC as well as ORC.

HH42 is a no compromise racing yacht designed with flexibility for both inshore and strong offshore performance.

Boat underwent further IRC/ORC optimisation during the 2019-2022 seasons. It is fully upgraded- and ready for a new campaign. Very well prepared for offshore- watertight, strong structure, halyard locks, doubled systems. Yacht Is very well maintained and regularly serviced by a full time Boat Captain. When not sailed, boat is stored on a cradle under full cover.

General information:

• Designer: Judel/Vrolijk & Co - Engineering Gmbh

· Builder: Hakes Marine- Hudson Yacht & Marine, China

• Length: 11,6m; Beam: 4,2m; Depth: 3,2m

Crew during racing 9-11
CIN: CN-HYMH42021313
Engine: Yanmar 21.63kW
Engine number: E17972

Palmares 2023

- -Palmavela ORC1 Winner
- -IRC European Championship IRC1 3place.

Refits / maintenance 2019-2022

2022

- Big Preseason Service + IRC Optimalisation
- · New-Longer Bowsprit
- New Sails: Main, J2, A2, Blast-Reacher
- New Rudder
- · New Bottom Repainting for Durepox
- New Deck antigrip+ Deck Repaint
- New Jib up/dwn + in/out regulation system (block+lines)
- New Superfast Gorilla Tuffluf
- New Navigation Computer+ accessories
- New Rudder sensor
- New Deflector length sensor
- Forestay Load-sensor Factory repair
- · New 2x GFD display in cockpit
- New Gori 2blade Propeller
- Engine Big service (including foot change)
- · New Hi-ratio Bilge pomp

Disclaime

- · Mast Jack Service
- · Rudder bearing service
- New Runners

2020-2021

- Mast+boom+bowsprit Refit+ Repaint
- · Rig service.
- Repaint of stainchions, Tiller, Coffeegrinder.
- New Hull Grey Vinyl
- · General Service of All DeckGear
- · General Service of Electonics
- New sleeping bunks- bigger and more comfortable.
- Mast electronic Cables replace
- New Baroplug
- New Handheld VHF

2019

- Longer keel with new bulb shape (2019)
- New winches drums(2019)
- reduce displacement 2019
- H5000 Displays
- New Satellite+ 3G Radar
- New H5000 Electronic Displays, parts
- New Sails

General

Construction:

- Engineered to ISAF Category 1 Safety regulations / ISO Regulations
- · Hull is very well and strong build, and can resist very tough conditions
- Structural Engineers: SDK Structures USA.
- 100% carbon prepreg / cured at high temperature.
- · Thermoformed damage tolerant foam cores.
- Engineered weight controlled toughened core adhesive films.
- Bulkheads / Structures: Carbon prepreg.
- Finite Element Analysis of keel floor and principal structures.
- Unique monocoque single piece bottom shell structure.
- · Weight controlled toughened core adhesive films.
- 100% carbon secondary bonding.
- New 2022: Bottom Repainting for Durepox

Disclaimer

Hull/deck

- 100% carbon prepreg / cured at high temperature
- · Thermoformed damage tolerant foam cores
- · Engineered weight controlled toughened core adhesive films
- Engineered to ISAF Category 1 Safety regulations / ISO Regulations
- · Hull is very well and strong build, and can resist very tough conditions

Keel & Rudder

- New 2019 Keel 3.2M draft from McConaghy China, fabricated weldox 700 steel keel fin, cast and CNC milled bulb.
- New 2022: Rudder foil high ratio, Carbon autoclaved prepreg stock and blade
- JP2 rudder Bearing- water tight & self aligning.
- Custom carbon tiller with Spinlock extension + spare tiller/ extension.
- Keel socket integral with hull shell laminate-Keel socketed to hull for easy and quick removal and installation, and enhanced safety and stiffness.

Rigging

- · Southern Spars carbon rig with engineered high modulus fibre for increased stiffness and weight saving.
- Two piece rig with joiner for packing and transportation.
- Two spreader rigs with carbon aerofoil spreaders.
- Nitronic 50 rod rigging.
- Gorilla racing Headfoil + Spare Harken Headfoil Twin groove.
- Hydraulic Backstay Deflectors
- · Internal mast jack with pump.
- · Custom furler for forestay adjustment
- New 2022: SK99 running backstays
- PBO inshore running backstays, 2018, Future Fibres,
- Kevlar offshore running backstays, since boat launch, stainless steel end fittings, heavier duty.
- Mast is fitted with 7 Halyards: Main, 2x Spin, 2x Jib, Fro, GS +spares
- Halyard locks x4 for: Main, Spinnaker, Jib, Fro.
- 1:1 main halyard with reef bullets on it.
- New sheets and control lines 2022
- full serviced and scanned mast and rig 2022
- Carbon boom, carbon gas vang strut.
- · Mast base with additional sliding plate and screw adjustment.
- · 2.2m Bowsprit carbon prepreg, two internal tack lines new 2022
- 1.2m Bowsprit carbon prepreg, two internal tack lines.

Sails

Kites

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- A2-C 2022 Quantum Bainbridge Airx 600
- A1,5-C 10.2019 North Sails superkote 50/60
- A2-B 10.2019 North Sails superkote 60/80
- A2-A 2018 North Sails
- Code 0 2018 North Sails laminate
- A1-B 2015 North Sails
- A0-A 2015 North Sails laminate
- FRO-A 2015 North Sails laminate
- A1-A 2013 North Sails

Headsails

- J2-D 2022 Quantum M7+ Lite skin Black 17000dpi
- Blast Reacher 2022 Quantum M7+Cableless 14000dpi
- J1D 2019 North Sails 3di raw 870 12,6dpi
- J2C 2019 North Sails 3di raw 870 16,8dpi
- SS 2015 North Sails laminate
- J1-c 2015 North Sails 3di
- J2-B 2014 North Sails 3di 780
- J2-A 2013 North Sails 3di 780 dynema/carbon 16,8dpi
- J3-A 2013 North Sails 3di 780 dyneema/carbon 19,6dpi
- J3+A 2013 North Sails 3di 760 aramid/dynema 2240dpi
- J4-A 2013 North Sails 3di 760 aramid/dyneema 22,4dpi
- JT 2013 North Sails 3di 760 aramid/dyneema 14,7 dpi
- GS 2013 North Sails 3di 760 aramid/dyneema 12,6dpi
- storm jib 2013 North Sails

Mainsails

- MN4 may 2022 Quantum M7+ Lite skin Black
- MN3 November 2018 North Sails 3Di RAW 870 w/C-Tech battens
- MN2 September 2013 North Sails 3Di 760 (Aramid/Dyneema/ Carbon)
- MN1-I September 2013 North Sails 3Di 780 (Dyneema/Carbon)
- · Storm trysail september 2013 North Sails
- MN0-D Delivery dacron

Accommodations

- Optimised open plan interior for ease of sail handling and spinnaker take down drop.
- 6x adjustable sleeping bunks(new 2021), 2 fixed berths (new cushions 2022), forward V-berth.
- EVA foam on the floor.
- · Red and White LED interior lighting / aircraft spec wiring.
- Ventilation fans over the bunks.
- Enclosed WC
- 1 burner wireframe cooker.
- 1x Hi-ratio electric Bilge pump new 2022

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- 1x electric bilge pump
- · 2x hand bilge pump

Deck and Cockpit

- Full SeaDek EVA in the cockpit.
- Deck anti grip Repaint new 2022
- Diverse Performance Spinnaker Take down system (connected to Grinder)
- · Lewmar Coffee Grinder system
- Harken Black Magic Air blocks deck gear and regulations.
- New 2022: Jib up/dwn + in/out regulation system (block+lines)
- Pit Spinlock XC jammers.
- Spin sheet Spinlock XC jammers(double)
- · Mainsheet Spinlock XC jammers
- Lewmar OneTouch Winch Handles
- Lewmar 60/3 GPST Primary Winches Custom Winches gear ratio for better performance
- Lewmar 50/2 GPST Main Winches
- Lewmar 40st Runner + pit Winches
- New winches drums(2019)
- · Karver Furler & swivel
- Diverse lightweight Hi Load soft padeyes.
- · Light weight custom carbon forward hatch with pneumatic seal, big internal radius for ease of gennaker hoist and drops.
- · Composite socketed stanchions / alloy fwd rail,
- · Composite aft aerofoil stanchion.
- · Offshore carbon Companionway Wash-board
- · Cockpit Rope tail bags

Engine

Fully serviced and upgraded engine 2022

- 30hp Yanmar engine with sail drive
- Gori racing propeller new 2022
- 42 litres fuel tank + 70l delivery tank
- · Engine box with bottom step and electronics display
- Cockpit Spinlock control new 2022

Disclaimer

Safety

- OSR cat 2 ready (all equipment needed)
- · Superlight Carbon Liferaft

Electronics and Navigational Gear

- Navigation Computer (new 2022)+ Nav station accessories
- B&G H3000 Motion CPU
- B&G Halcyon Gyro Processor+ Halcyon Gyro Stabilised Compass
- NMEA2000 + Fastnet/ NMEA0183 via converter
- Mast Bracket: 3x20/20 repeaters, 1x GFD, 1x H5000 Graphic display
- 2x cockpit GFD new 2022
- B&G Zeus chart plotter inside the boat
- · B&G MHU carbon windwand
- 2x spd Sensor (port/ Starboard)+ water temp
- · Airmar Depth sensor
- B&G Halcyon 2000
- B&G Motion Sensor
- Forestay Load-sensor
- Baroplug (barometer+Temperature) (new 2022)
- Rudder sensor new 2022
- Runner Deflector length sensor new 2022
- B&G VHF and AIS System
- · B&G additional Wireless VHF Handset
- Navico GO-FREE wifi/ NMEA2000 wifi
- IstarGPS: Hi-Speed& accuracy GPS
- · B&G 4G radar
- Satelite FleetOne (antena + modem + handset)
- Option for SSB: Icom IC-M802 HF/SSB with AT-140 Tuner (12VDC)VHF
- · Carbon mounting pole for Radar & FleetOne
- Raymarine st2000 Tiller pilot
- 180 amp ACG house battery.
- · 60amp ACG engine start battery.
- · Led Navigation lights.

Additional

- Assembled/folded Cradle for easy transportation.
- Single point lifting (Removable eye bolt fitting)
- Cockpit floor cover, boom cover, winch covers, onshore full boat cover
- Sun light tent, sun/rain havy tent.
- · Miscellaneous tools and spares.
- 2 x foldableAnchor.
- · Fenders and dock lines.

Disclaimer



















Disclaimer

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