



41' (12.50m) 2023 Custom Rapide 41
Charleston South Carolina United States



OVERVIEW

Manufacturer:	Custom		
Engines:	1 Yanmar	Hull Material:	Fiberglass
Engine Model:	3JH5E	Cruise Speed:	
Engine HP:	39	Max Speed:	
Beam:	12' 3"	Cabins/Heads:	/
Max Draft:	10' 6"	Fuel Type:	Diesel
Water:		Fuel:	

\$1,100,000



Data Sheet

Category: Racing Sailboat
Condition: New
Model Year: 2023
Beam: 12'3" (3.73m)
Max Draft: 10' 6" (3.20m)
Min Draft: 6' 11" (2.11m)
LOA: 41' 2" (12.55m)
LWL: 37' 7" (11.46m)

Fuel Type: Diesel
Hull Material: Fiberglass

Displacement: 14330 HIN/IMO:
xxxxxxxxxx24

Engines/Generators

Engine 1

Yanmar
3JH5E
Inboard
39HP
29.08KW
Fuel: Diesel
Year: 2023



Summary/Description

Born and designed as a one-off, Vortec Marine's Rapide 41 laid the foundation for a fantastic design that has now been expanded to include 55, 70, and 100-foot yachts.

This is an advertisement for a new, custom boat built to the buyer's specification.

Born and designed as a one-off, Vortec Marine's Rapide 41 laid the foundation for a fantastic design that has now been expanded to include 55, 70, and 100-foot yachts.

Vortec, sensing a void in the market for exactly what the owner of the first Rapide 41 was looking for, saw an opportunity to work alongside in-demand designer Mark Mills to create a truly remarkable new sailing yacht.

Deck and Hull

Composite sandwich hull and deck construction

CoreCell linear SAN foam core

Biaxial and uni-directional E-glass fabrics with high density core blocking

Lifting Keel (6'11" - 10'6")

Approximate hull laminate:

Outer skin = 1250 gsm

Inner skin = 900 gsm

Core = 25mm 80 kg with 100 kg in slamming areas

Shell weight = 650 kg

Engineered and built to meet or exceed ISO 12217 Plan Approval

Keel floors, case, and mast step molded composite

Hydraulic lifting S.S. fabricated keel fin with composite fairings with:

2000kg antimony/lead bulb.

Painted hull and deck finish

Bonded hull to deck joint with flush mount rails, stanchions & hardware

Toe rail to ORC requirements

Composite structural bulkheads bonded to hull and deck

Molded engine bed

Recessed hatch garage



Halyards recessed into coachroof

Molded propane locker, vented into cockpit

Opening transom door

Opening hatches above transom space

Teak deck, seats, cockpit floor

Spars and Rigging

Carbon mast - 2 swept spreader / no runners

Carbon boom with mainsail supports, 16:1 internal outhaul, mainsail reef clutches and sheaves, mainsheet bail and vang lug

Discontinuous rod rigging and turnbuckles

Double masthead spinnaker halyard sheaves

Double genoa halyard sheaves at hounds

Two genoa halyards

Two spinnaker halyards

Main halyard with SS captive pin shackle

Mainsheet

Traveler control lines

Two mainsail clew reef lines

Carbon-fiber fixed bowsprit

Tack line

Two spinnaker sheets

Two genoa sheets

Integral hydraulic backstay cylinder mounted underdeck

Solid Mechanical Vang

Custom composite chainplates and backstay tang

Propulsion and Steering

Yanmar 3JH5E 39hp 3 cylinder, diesel engine with SD60 saildrive, fresh water cooling, fuel filter, & 80 amp alternator

Molded composite engine surround with 25mm engine insulation for sound-proofing

Yanmar C30 recessed engine instrument panel

Low profile Morse-type manual gearshift and throttle

Gori or Bri-Ski folding racing prop

Balanced spade rudder with carbon fiber stock and self-aligning roller bearings

Composite wheel mounted on pedestal

Alloy emergency tiller

Plumbing

Marine head with both direct and holding tank overboard discharge

Hot & cold pressure water system

Water heater

Head shower with sump pump

Manual bilge pumps in cockpit and below decks

Electric bilge pump

Deck Hardware

Two Harken 60.3STEP 3 speed winches

Two Harken 50.2STEP 2 speed winches

Four winch handles

Mesh line bags with integral winch handle holder

Integrally molded mast collar

Harken deck hardware as shown on deck plan

Spinlock Rope Clutches and stoppers

Stainless double rail open bow pulpit and stern rails

Stainless steel tapered lifeline stanchions, aft 2 pairs with support legs

Three flush mount mooring cleats

Flush foredeck hatch

Opening anchor locker

Four Lewmar Size 1 opening ports

Lexan companionway sliding hatch

Offshore weather boards with inside/ outside opening, lockable hasp





Compass Suunto F-116 or equivalent

Small removable single-leg cockpit table

Remote hydraulic pump for backstay with P&S button controls in cockpit

Swim ladder – removeable

Anchor mounted on deployable arm from anchor locker

Removable anchor windlass

Electrical

Two 4D AGM deep cycle house batteries

One Group 27 engine start battery

Battery condition meter

Custom DC electrical panels w/ 12 circuit breakers

220 VAC shorepower system

12 VDC refrigeration system

LED Navigation & steaming lights

Four swivelling white LED lights

Five red/white LED dome lights

Chart Light

LED indirect lighting

VHF wire to masthead windex/aerial unit

Galley

Polished stainless sink recessed in counter top

Fixed two-burner gas stove with removable worktop

Front-opening refrigerator

Gas bottle in cockpit locker connected through solenoid shutoff switch

Pressure water pump

Swivel faucet pressure water

Dry good storage bins

Storage locker under stove



Three drawers, pot storage and locker

Trash bin

Accommodations

Door into the forward stateroom

Door into enclosed head to port with door forward into stateroom

Hanging lockers port and starboard, lockers/drawers under

Large double V-berth, drawers for storage underneath

Enclosed head with mirrors, storage outboard and under sink, dual purpose shower/sink spigot, and door. Shower sump for easy cleaning and draining

Varnished teak & holly veneer sole with removable panels

Main cabin settee berths with cushions, stowage under

Seatback hinges up to form pilot berth, backrest cushions

Port and Starboard grab rails in main cabin

Double quarter berth to port, single quarter berth to starboard

