

RAPIDO 40R

STANDARD SPECIFICATIONS

(Included in base price for Rapido 40R) *** 10 June 2025 ***

PLEASE NOTE, STANDARD SPECIFICATIONS ARE SUBJECT TO CHANGE.
ALL SPECIFICATIONS MUST BE CONFIRMED IN WRITING BY RAPIDO TRIMARANS AT THE TIME OF CONTRACT SIGNING.

For Pricing & Options, see tab at bottom of this worksheet.

[This document contains two worksheets. This worksheet details the "Standard Specifications". The 2nd worksheet details the "Pricing & Options".]

GENERAL SPECIFICATIONS

SPEC	METRIC	IMPERIAL
LOA	12.63	41' 5"
LWL	11.93	39' 2"
BOA	8.80m	28' 10"
BOA (folded, non canting)	5.8-6.8m	19' 3"
Freeboard	1.41m	4' 8"
T (board up)	0.87m	2' 10"
T (board down)	2.18m	7' 2"
SA Main	74m2	796 sq ft
J1 Helix Code 55 (35 AWA)	74.32m2	800 sq ft
Jib / Solent J3	35m2	377 sq ft
SA Staysail J4	14.64m2	157 sq ft
Helix Code 65 (45AWA)	95m2	1,022 sq ft
SA Asym Spin	169m2	1,819 sq ft
Mast Height above DWL	21.25m	69' 8"
Mast length (max):	19.5m	63' 11"

DETAILED SPECIFICATIONS

Design & construction

- Lightweight all carbon composite, vinylester resin and foam sandwich construction
- Moulded from composite female tooling to reduce fairing and save weight
- Vacuum infused to control resin content, fiber ratio and improve strength to weight ratio
- Thermo-formed core and cut by CNC machine
- Beams, daggerboards, rudder blade, bowsprit, chainplate bulkheads, folding system parts are all epoxy prepreg carbon cured in autoclave.
- Carbon structural bulkheads and longitudinal stringers
- Extra carbon reinforcement in high load areas
- Dyneema nets/ forward beam leading edge aero fairing
- All bulkheads watertight or no penetrations below waterline
- CE-A certification

Finish

- Exterior finish is white Awlgrip paint
- Non-skid decks, beams, transom and cockpit
- Hull bottoms finished with epoxy primer
- Interior living areas base paint finish with basic furniture fitted only

Rigging and sails

Mast, Boom and Shrouds

- 19.5 M Carbon spreaderless rotating mast, Aramid Cap shrouds and torsional forestay
- Carbon V boom
- Aramid upper and lower shrouds and torsional forestay from Smart Rigging fitted with Karver Structural furler

Running Rigging

- Halyard Locks for solent/ jib and stay sails
- Topping lift/spare main halyard
- Lazy cradle jacks
- Mainsail traveler lines
- Reef lines and reefing jammers
- Outhaul, cunningham, daggerboards and mast rotation lines

Sails

- (See R40R Price & Options tab below.)

Deck and hulls

Hatches and Portlights

- 2 x escape hatches
- 2 x Lewmar Atlantic Series opening portlights
- 2 x Lewmar 50 cabin top hatches
- 2 x Lewmar 60 float hatches
- 3 x Rapido flush deck composite hatches (for anchor well, sliding companionway and cockpit locker)

Deck Hardware

- Harken mainsheet and traveler systems
- Harken self tacking solent/jib track system
- Mast rotation, cunningham and outhaul controls
- 2 x daggerboard lifting systems
- Spinlock/ Karver clutches and jammers

Winches

- 2 x Harken 46ST electric winches
- 2 x Harken 46ST manuals
- 2 x Harken 40 winch for halyards etc on mast
- 1 x Harken 35ST, cabin roof, rotation control

Mooring/Anchoring

- 2 x 250mm Antal folding deck cleats/ custom titanium padeyes

Electrical

- AGM battery bank
- 125 amp 12v alternator
- LED lighting
- 2 x USB /C outlets

Safety

- Padeyes for safety harness connections
- Lifelines
- Carbon pulpit, handrails
- Watertight bulkheads with no penetrations below waterline

- Two fire extinguishers, one fire blanket
Navigation
<i>Navigation Lights</i>
- LED bow and stern navigation lights
- LED anchor, steaming, deck lights
<i>Steering and Rudderblade</i>
- Tiller steering with Spinlock extension handle
- Carbon spade rudderblade T foil elevator
- Slide up/ kick up rudderblade
- Emergency spade rudderblade and case
<i>Daggerboards</i>
- 2 x carbon C foil dagger-boards in floats made from CNC milled tooling, then cured at elevated temperature and pressure in autoclave
Engine & Propulsion
- Yanmar diesel, 3YM30AE , 29hp, shaft drive
- Folding 3 blade prop, Gori Overdrive
- 125 amp alternator (starting batteries)
- Digital B instrument panel
- Engine room insulation
- Dripless seal on prop shaft
- Ultraflex engine controls
- Fuel filters
- Fuel tank, 200 Litres
- Silencer, waterlock
Outdoor fitout/ floats
- Swim platform/ SS ladder on transom
- Nets for sail storage in each forward section
- 4 separate watertight compartments per float and bow crash zone
- Padeyes / cleats for mooring lines and fenders
Interior fitout
<i>General</i>
- Painted walls
- Non skid painted flooring
- Whisperwall liners on ceiling only
<i>Saloon</i>
- Saloon entrance: carbon washboards/ life raft storage/ open hanging space for wet weather gear
- Opening hatch and and two portlights
- LED lighting
- Instrument panel
- Electrical panel
<i>Head</i>
- Stainless sink and cold water faucet
- Electric toilet and bidet spayer
- Moonlight Escape Hatch
<i>Aft Cabin</i>
- Double bunk, mattress with cover, Moonlight escape hatch
<i>Fwd Cabin</i>
- Fan, Lewmar 50 hatch
- Double bunk
- Mattress with cover
<i>Galley</i>
- Moulded carbon countertop, storage shelves
- Large SS sink/ fresh water faucet/ foot pumb dual salt and fresh water
- Induction single element cooktop
<i>Plumbing (Freshwater)</i>
- 1 x 88 litres water tank
<i>Waste Water</i>
- 1 x 25 liters waste water tank
<i>Bilge Pumps</i>
- 3 x electric automatic bilge pumps
- 1 x manual bilge pump, 75liter/min (20 US gal), one portable pump
- All sea cocks composite
NOTES
<p>Please use the spreadsheet to select boat and options required (see separate tab located at the bottom of this worksheet).</p> <p>Complete all relevant details and then print form for your signature.</p> <p>Email to paul@rapidotrimarans.com</p>