

RAPIDO 40R

STANDARD SPECIFICATIONS

(Included in base price for Rapido 40 RACER)

PLEASE NOTE: STANDARD SPECIFICATIONS ARE SUBJECT TO CHANGE.
ALL SPECIFICATIONS MUST BE CONFIRMED IN WRITING BY RAPIDO TRIMARANS AT THE TIME OF CONTRACT SIGNING. (14 August 2024)

GENERAL SPECIFICATIONS

SPEC	METRIC	IMPERIAL
LOA	12.03m	39' 6"
LWL	12m	39' 4"
BOA	8.80m	28' 10"
BOA (folded, non canting)	5.8m	19' 3"
Freeboard	1.41m	4' 8"
T (board up)	0.87m	2' 10"
T (board down)	2.18m	7' 2"
SA Main	74m ²	796 sq ft
J1 Helix Code 55 (35 AWA)	74.32m ²	800 sq ft
Jib / Solent J3	35m ²	377 sq ft
SA Staysail J4	14.64m ²	157 sq ft
Helix Code 65 (45AWA)	95m ²	1,022 sq ft
SA Asym Spin	169m ²	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. (Rudder, foils - white or grey. Other items, standard colour is white.)
- Carbon structural bulkheads and longitudinal stringers
- Extra carbon reinforcement in high load areas
- Custom interior furniture constructed in house from high strength light weight composite panels
- Patented folding system
- 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 raw carbon 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 main, 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 Pricing sheet for North Sails 3DI options

Deck and hulls

Hatches and Portlights

- 1 x escape hatches
- 3 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 aft cabin)

Deck Hardware

- Full width 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
- 1 x Harken 40 winch for halyards etc on mast
- 1 x Harken 35ST, cabin roof, rotation control

Mooring/Anchoring

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

Electrical

- AGM battery bank
- 125 amp 12v alternator
- LED lighting
- 4 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 and one air toxic smoke detector

Navigation

Navigation Lights

- LED bow and stern navigation lights
- LED anchor, steaming, deck lights

Steering and Rudderblade

- Tiller steering with Spinlock extension handle
- Carbon spade rudderblade manufactured from CNC milled tooling, blade cured at elevated temperature and pressure in autoclave
- Slide up/ kick up rudderblade
- Spare spade rudderblade

Daggerboards

- 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	
<i>Cockpit, transom, decks, and floats</i>	
- Swim platform/ladder on transom	
- Transom shower	
- 4 separate watertight compartments per float	
- Padeyes / cleats for mooring lines and fenders	
Interior fitout	
<i>General</i>	
- All interior furniture lightweight cored panels with laminates/ solids as well as custom composite moulded components	
- Bulkheads, hull and deck and head soles Rapido luxury finish	
- Non skid painted Interior flooring	
- Whisperwall liners on ceiling only	
<i>Saloon</i>	
- Saloon entrance: carbon washboards	
- Opening hatches and portlights in saloon	
- LED lighting	
<i>Nav Station</i>	
- Instrument panel	
- Electrical panel	
- Reading red/white light with flexible arm	
<i>Head</i>	
- Stainless sink	
- Carbon countertop	
- Faucet and shower set	
- Electric toilet	
- 1 x Lewmar opening port lights and 1 x Moonlight Escape Hatch	
<i>Aft Cabin/ bunks</i>	
- Double or two berth aft cabin	
<i>Fwd Cabin</i>	
- Reading light/ over head light/ fan/ USB-C	
- Large double bunk	
- Mattress with Sunbrella cover	
<i>Galley</i>	
- Moulded carbon countertop	
- Large SS sink	
- Induction cooktop	
<i>Plumbing (Freshwater)</i>	
- 1 x 100 litre water tank	
<i>Waste Water</i>	
- 1 x holding tank, 25 liters	
<i>Bilge Pumps</i>	
- 3 x electric automatic bilge pumps	
- 1 x manual bilge pump, 75liter/min (20 US gal)	
- All sea cocks composite	
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Further information: info@rapidotrimarans.com www.rapidotrimarans.com	