

RAPIDO 40

STANDARD SPECIFICATIONS

(Included in base price for Rapido 40)

PLEASE NOTE, STANDARD SPECIFICATIONS ARE SUBJECT TO CHANGE.
ALL SPECIFICATIONS MUST BE CONFIRMED IN WRITING BY RAPIDO TRIMARANS AT THE TIME OF CONTRACT SIGNING. (Updated 17 Oct 2023)

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	65m ²	700 sqf
SA Main Reef 1	52.0m ²	560 sqf
SA Main Reef 3	32.4m ²	349 sqf
Jib / Solent	32m ²	344 sqf
SA Staysail	13m ²	140 sqf
SA Reacher	113m ²	1,216 sqf
SA Asym Spin	158m ²	1,700 sqf
Mast Height above DWL	19.25m	63' 2"
Mast length (max):	17.25m	56' 7"

DETAILED SPECIFICATIONS

Design & construction

- Lightweight all carbon composite, vinylester resin and PVC 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. No cuts in the foam to save weight.
- Beams, daggerboards, rudder blade, bowsprit, chainplate bulkheads, folding system parts are all 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 gelcoat and paint
- Non-skid decks, beams, transom and cockpit
- Hull bottoms finished with epoxy primer
- Interior living areas finished to Rapido luxury finish

Rigging and sails

Mast, Boom and Shrouds

- Carbon spreaderless rotating mast, Aramid Cap shrouds and torsional forestay
- Carbon V boom

Running Rigging

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

Sails

- (See R40 Price & Options tab below.)

Deck and hulls

Hatches and Portlights

- 2 x Moonlight escape hatches
- 7 x Lewmar Atlantic Series opening portlights
- 1 x Lewmar 44 fwd hatch
- 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

- 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

- Electric anchor windlass with roller
- 4 x 250mm Antal folding deck cleats/ custom titanium padeyes

Electrical

- AGM battery bank
- 125 amp 12v alternator
- LED lighting
- 4 x fans
- 6 x USB outlets
- 24v DC outlets

Safety

- Padeyes for safety harness connections
- Lifelines
- Stainless steel pulpit, aft seats and handrails
- Watertight or no penetration below waterline bulkheads

Navigation

Navigation Lights

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

Steering and Rudderblade

- Tiller steering
- Carbon spade rudderblade manufactured from CNC milled tooling, blade cured at elevated temperature and pressure in autoclave

- Slide 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>
- Saloon cockpit windows: removable, stored into cockpit wall
- Swim platform/ladder on transom
- Transom shower
- 4 separate watertight compartments per float
- Padeyes 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
- Interior flooring cork
- Whisperwall liners throughout to save weight and give luxury appearance
<i>Saloon</i>
- Saloon entrance: carbon washboards
- Saloon/ cockpit removable windows
- Opening hatches and portlights in saloon
- Large windows on cabin top sides
- Dining table, converts to queen size bunk
- Upholstered sofa seating in saloon
- LED lighting
<i>Nav Station</i>
- Instrument panel
- Electrical panel
- Reading red/white light with flexible arm
<i>Head</i>
- Light weight composite doors
- Stainless sink
- Carbon countertop
- Faucet and shower set
- Mirror
- Shower area with molded gelcoat finish
- Electric shower drain pump
- 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>
- Lightweight composite door
- Reading light/ over head light/ fan/ USB-C
- Large double bunk
- Mattress with Sunbrella cover
- Under bunk, cupboard, and side and storage
- 1 x Lewmar deck hatch
- 4 x Lewmar port lights
<i>Galley</i>
- Shelves, cabinets, carbon drawers
- Moulded carbon countertop
- 70 liter Virifrigo 1 draw fridge
- Large SS sink
- Induction cooktop
- Hot and cold pressurized freshwater
<i>Plumbing (Freshwater)</i>
- 1 x 200 litre water tank
- 1 x 25l (6.6 US gal) hot water tank
<i>Waste Water</i>
- 1 x holding tank, 60 liters (15.8 US gal)
<i>Bilge Pumps</i>
- 3 x electric automatic bilge pumps
- 1 x manual bilge pump, 75liter/min (20 US gal)
- All sea cocks composite
Further information:
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