

RAPIDO



AN "OWNERS YACHT" DESIGNED AND BUILT BY REAL SAILORS,
FOR REAL SAILORS...

RAPIDO

GENERAL SPECIFICATIONS

This version replaces and supersedes any previous versions of the General Specifications and is subject to change. 10th May, 2017

Length	18.1m (59.3ft)	Mainsail	125 m ² (1345 ft ²)
Beam	11.7m (38.4ft)	Solent	71 m ² (764 ft ²)
Draft	0.75m (2.5ft)/ 3.3m (11.5ft)	Stay sail	25 m ² (269 ft ²)
Displacement (light)	9,000 Kg (19,841 lbs)	Reacher	130 m ² (1399 ft ²)
Displacement (max load)	11,000 Kg (24,250 lbs)	Asym Spin	210 m ² (2260 ft ²)
Headroom (average)	2.1m (6ft 9")	Mast height above water	25.3 m (83 ft)

Vessel design: Morrelli & Melvin

www.morrellimelvin.com



MORRELLI & MELVIN
DESIGN • ENGINEERING • YACHT SALES

The Rapido 60 is a production trimaran, although variations can be offered within the bounds of structural constraints. Cost of semi-custom personalization to be determined.



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DESIGN & CONSTRUCTION

- Hull and deck are carbon fiber, vinylester, epoxy divinycell foam sandwich construction
- Hull and deck parts molded from composite female tooling to reduce fairing and save weight
- Composite parts infused to control resin content, fiber ratio and improve strength to weight ratio
- Thermo-formed core from 3D templates
- Beams, daggerboard, T foil rudder blade-prepreg epoxy carbon cured in an Autoclave
- Prepreg carbon chain plates integral with bulkheads
- Carbon longitudinal stringers
- Carbon structural bulkheads
- Carbon reinforcements in high load area
- Carbon saloon/cockpit door frames
- Interior furniture constructed from high strength light weight composite panels
- All bulk heads water tight or have no penetrations below the waterline
- CE A certification

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FINISH

- Exterior finish is white Aquaguard gelcoat
- Non-skid on decks, beams, transom and cockpit with choice of color, hull bottoms finished with epoxy primer
- Interior living areas painted to Rapido Trimarans Luxury Yachts finish

RIGGING & SAILS

Mast and boom

- Southern Spars High Modulus carbon rotating mast, carbon boom, EC6 diamonds, K49 Aramid Cap shrouds and Karver jammers

Running rigging

- Mainsail, solent, reacher and stay sail halyards and sheets
- Spinnaker halyard
- Topping lift/ spare main halyard
- Lazy cradle jacks / carbon dyneema truss wing
- Mainsail traveler lines
- Reef and trip lines with Karver reefing hooks
- Outhaul & cunningham lines
- Daggerboard control lines

Sails

- North square top 3Di 760 Aramid / Dyneema main and self tacking furling jib with UV protection
- Aramid laminate furling reacher with UV protection /North furling stay sail / C Tech battens / lazy cradle and main sail cover



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DECK & HULLS

Hatches and portlights

- 2 x Lewmar escape hatches
- 13 x Lewmar Atlantic Series opening portlights
- 1 x Lewmar deck hatch in fwd cabin
- 2 x Lewmar opening hatches in saloon facing fwd
- 2 x Lewmar opening hatches in aft cabin
- 8 x Rapido flush deck fibre glass hatches

Safety

- Padeyes for safety harness connections
- Lifelines
- Round 316 stainless pulpit, aft seats and stanchions
- Survival area with entrance/escape hatch
- Auto fire extinguisher in the engine compartment
- Water tight or no penetration below water line bulkheads

Deck hardware

- Harken mainsail sheet and traveler systems
- Harken self tacking solent track system
- Harken headsail systems
- Deck gear for Karver headsail furling systems
- 2 x Karver KJ 25 jammers
- Harken mast rotation, cunningham and outhaul controls
- Daggerboard lifting system
- Spinlock clutches and jammers



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Winches

- 2 x Harken Radial **70.2**, 2 speed ST electric primary winches
- 2 x Harken Radial **60.2**, 2 speed ST electric primary winches
- 2 x Harken Radial **60.2**, 2 ST for halyards
- Lewmar one handed locking winch handles

Furlers

- 3 x Karver furlers

Mooring, anchoring

- Jet bow thruster
- Lewmar anchor windlass with remote control
- 2 x 250mm Antal folding deck cleats/ padeyes
- Anchor/ windlass locker forward of mast base and locker for secondary anchor in fore deck

ELECTRICAL

- Lithium ion battery bank/ 2 x 180 amp
- Mastervolt Combi Ultra Inverter
- C Zone digital switching
- BEP AC Panel 4 x Circuit Breakers plus RCD
- 110amp 24Volt Master Volt alternator (House Batteries)
- 80 amp 12 volt alternator
- LED lights, down lights, courtesy and strip lights
- 5 x fans
- 240v AC outlets and 24v DC outlets
- Shore power connection 240 volt

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Navigation lights

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

ENGINE AND PROPULSION

- Yanmar diesel 4JH5E 53hp/ shaft drive
- Folding 3 blade prop Flex-O-Fold
- 80 amp alternator
- Digital B instrument panel
- Engine room insulation
- PSS dripless seal on propeller shaft
- Ultraflex engine controls
- Fuel filters
- Fuel tank 450 litre (126 gal)
- Silencer, waterlock
- Automatic engine room fire extinguisher system



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OUTDOOR FITOUT

Cockpit, transom, decks and floats

- Hard top Bimini with sliding roof
- 1.2m wide helm seat/ leaning post
- Saloon/ cockpit windows removable stored into cockpit wall
- 2 x storage lockers under large cockpit seats with dedicated wet weather and separate shoe storage
- Swim platform / ladder on transom
- Hot and cold shower on transom
- Huge storage/ survival area 2m (6'.6") x 2.9m (9'.6") x 1.3m (4'.3") under the cockpit sole with escape hatch
- 4.8m (15'.9") long storage area in floats with Rapido Custom watertight extra large hatches to accommodate paddle boards/ bikes
- 4 separate water tight compartments per float
- Padeyes for mooring lines and fender
- The area forward of the mast base has been designed to be used as a sundeck area
- Dyneema knotless trampoline



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INTERIOR FITOUT

- All interior components lightweight cored panels
- Cabinetry-teak veneers/ solids and where painted a satin finish
- Bulkheads, hull and deck heads a satin urethane finish over a lightly textured substrate
- Soles Amtico
- Head soles painted composites
- High quality fabrics and foams
- Choice of colors to be agreed with customer
- Removable cushion and mattress covers for easy wash and replacement

Saloon

- Salon/ cockpit removable windows
- Double opening/ fold up entry doors with drop in storm wash board at saloon entrance provides completely open access from cockpit to saloon
- Two opening Lewmar vertical hatches in saloon
- Large windows for good all round visibility
- Coffee/ dining table
- Upholstered sofa seating in saloon/ double bunk
- Led lighting
- 3 x fans

Nav Station

- Opening chart table
- Reading red/ white light with flexible arm
- C Zone digital switch panel

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Heads

- Light weight composite doors
- Stainless sink
- Head soles
- Carbon countertop
- Storage area/ cabinet
- Grohe faucet and shower set
- Mirror
- Shower area with composite painted finish
- Electric shower drain pump
- Manual toilets
- 4 x Lewmar opening portlights

Aft Cabin

- Lightweight composite door
- Hanging locker/ shelves with soft close lids
- Double bunk 220mm x 150m (7'.2" x 5')
- Mattress ventilation
- Storage under bunk
- 4 x Lewmar opening portlights
- 2 x escape hatches

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Forward Cabin

- Lightweight composite door
- Hanging locker/ shelves with soft close lids
- Double bunk 220cm x 150cm (7'.2" x 5')
- Mattress ventilation
- Storage under bunk
- 1 deck hatch
- 1 escape hatch
- 4 x Lewmar opening port lights

Galley

- Shelves cabinets, drawers with Blum hardware soft close and latches
- LG Hi Macs/ Corian countertop
- 130 litre (34.3 gal) Vitrifrigo 2 drawer fridge/freezer
- Large Hafele stainless steel sink
- Wallas 2 burners diesel stove top and oven
- Hot and cold pressurized fresh water with Franke faucet
- Pressurized sea water with Grohe faucet
- Garbage drawer
- Roll out wine storage

Plumbing - fresh water system

- 1 x Quick 25 litre (6.6 gal) water heater
- 1 x 450 litre (118 gal) water tank
- 1 x water pressure system pump
- 1 x deck shower at transom of main hull
- 1 x dock water inlet



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Plumbing sea water-system

- 1 x pressurized sea water hose in anchor locker
- 1 x pressurized sea water faucet in galley

Waste water

- 2 x holding tank 60 liters (15.8 US Gal)

Waste water

- 4 x electric automatic bilge pumps
- 1 x manual bilge pump 75Lit/ minute (20 US Gal)
- All sea cocks composite

STEERING & RUDDER BLADE

- Single wheel Jefa custom steering system includes torsion bar and universal joint complete with autopilot drive
- Carbon rudder blade manufactured from CNC milled tooling cured at elevated temperature and pressure in an Autoclave
- Spare rudder blade

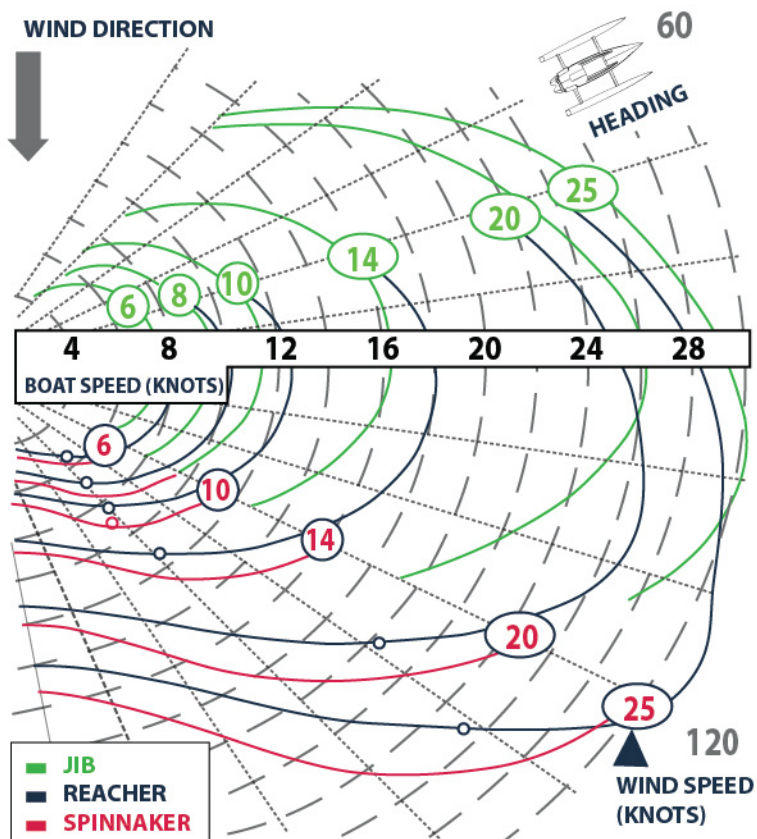
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OPTIONS - Prices on request

- North or Incidence asymmetric spinnaker or gennaker and storm sail
- Electronics package / B&G / Raymarine / Garmin
- Electric stove / oven
- Water maker
- Freezer, top loading
- Wallas diesel heater
- Electric toilets
- Anti fouling
- Flooring options
- Shade covers
- Generators / Watt & Sea hydro-generator / solar panels
- Air conditioners
- Sea water pressure washer on transom
- Davits / RIB / outboard
- Life raft / mounting bracket
- Anchors / chain/ rode
- Fenders/ mooring lines
- Safety equipment / tools / jack stays
- BBQ / SS rod holders
- Fusion True Marine DVD / Receiver with Fusion link portable media device dock / 4 x 6" 200 Watt speakers

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VELOCITY PREDICTION COMPUTER ANALYSIS



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