

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 Specification **and is subject to change. 7/ September/ 2016**

Length	18.1m (59.3ft)	Mainsail	125 m ² (1345 ft ²)
Beam	11.7m (38.4 ft)	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)	8.6t	Reacher	130 m ² (1399 ft ²)
Displacement (max load)	10.6t	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 E-Glass outer skins, carbon fiber inner skins, 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, danggerboard, 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 funiture constructed from high strength light weight composite panel
- 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

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RIGGING & SAILS

Mast and boom

- Southern Spars High Modulus carbon rotating mast, carbon boom and EC6 diamonds

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 lines
- 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 Northern furling stay sail / C Tech battens / lazy cradle and main sail cover

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DECK & HULLS

Hatches and portlights

- 2 x Gioit escape hatched (forward and aft cabins and survival area)
- 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 lush deck fibre glass hatched

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
- Anchor bridle
- 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
- Mastervolt Combi Ultra Inventor Chrger
- C Zone digital switching
- BEP AC Panel 4 x Circuit Breakers plus RCD
- 110amp 24 110amp 24Volt Master Volt alternator (House Batteries)
- 80 amp 12 volt alternator
- LED lights, down lights, courtesy and strip lights
- 4 x fans
- 240v AC outlets and 24v DC outlets
- Shore power connection 24 volt

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Navigation lights

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

ENGINE AND PROPULSION

- Yanmar diesel 4JH5E 53hp/ shaft drive
- Folding 3 blade prop Flex-O-Fold
- 80 amp alternator (Starting batteries)
- Digital B instrument panel
- Engine room insulation
- PSS dripless seal on propeller shaft
- Ultralex engine controls
- Fuel filters
- Fuel tank 500 litre (132 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 alightly 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 front
- Large windows for good all round visibility
- Coffee/ dining Table
- Upholstered sofa seating in saloon/ double bunk
- Led lighting
- 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
- Sink
- Head soles
- Carbon countertop
- Storage area/ cabinet
- Grohe faucet and shower set
- Polycarbonate 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
- 1 x escape hatch

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Forward Cabin

- Lightweight composite door
- Hanging locker/ shelves with soft close lids
- Double bunk 220m x 150m (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
- Pressured 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

Bilge pumps

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

STEERING & RUDDER BLADE

- Single wheel Jefa custom steering system to include:
- 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
- Electronics package / B&G / Raymarine / Garmin
- Water maker
- Freezer, top loading
- Wallas diesel heater
- Electric toilets
- Anti fouling
- Flexteek for transom and cockpit
- Shade covers
- Generators / Watt & Sea hydro-generator / solar panels
- Air conditioners - reverse cycle
- 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