M.A.T. 1070

Specification
January 2021

Type
10.70 m dual purpose yacht aimed at providing competitive racing performance and comfortable accommodation

Design
Nivelt-Muratet Yacht Design
Bernard Nivelt, Alexis Muratet
ISAF certified compliance with International Standard ISO 12215

Design Category
CE category A

Dimensions (preliminary)

Length overall	10.70 m	I	14.70 m
Hull length	10.70 m	J	4.15 m
LWL	9.55 m	P	14.35 m
Beam max	3.62 m	E	4.9 m
Draft	2.3 m	STL	4.85 m
Displacement	4750 kg		
Ballast	2400 kg		
Fuel tank	60 l		
Fresh Water tank	100 l		

Construction
Hull, deck and bulkheads produced with vacuum assisted resin infusion technology in Airex PVC foam cored Scott Bader vinylester/e-glass
Light composite interior modules
NPG gelcoat on hull, deck, bulkheads and interior modules
Molded nonskid on deck and cockpit floor

Keel
Antimony hardened lead fin keel 2400 kg
Lead keel CNC machined to exact designed shape

Rudder and Steering
CCI Composites carbon fiber rudder stock and composite rudder
Jefa high performance self-aligning top/bottom rudder bearings
Carbon fiber tiller
Carbonautica composite twin wheel steering on request

Deck
Primary winches: 2 x Harken radial B46.2 STA self-tailing 2 speed
Main sheet winches: 2 x Harken radial B40.2 STA self-tailing 2 speed
Halyard winches: 2 x Harken radial B40.2 STA self-tailing 2 speed
Harken block and car package
Transverse jib tracks
Windward sheeting main sail car
Spinlock XTS rope clutches
Custom alloy fairleads
Custom tempered glass coachroof windows
2 opening Lewmar portlights in cockpit
1 opening large Vetus foredeck hatch
Molded toe rail to mast
Stainless steel stanchions, pulpits and pushpits
4 mm S/S lifelines, 620 mm high, Bluewave terminals
Custom stainless steel chainplates recessed in hull
Recessed companionway sliding hatch

Mast and Rig
Composite mast collar
Sparcraft alloy performance mast with 2 sets of aft swept spreaders
Rod rigging
Alloy deep section racing boom with internal outhaul purchase
Alloy mechanical vang
LED navigation lights/anchor light on mast
1 main halyard sheave
1 Cl I height jib halyard sheave
1 wing spinnaker/jib halyard sheave to spectacle at I height
2 masthead spinnaker halyard sheaves

Axxon Composites carbon fiber mast and boom on request
Axxon Composites carbon fiber spinnaker pole on request
CCI Composites carbon fiber bow sprit on request
Internal mast jack on request

Engine
Yanmar 21 Hp diesel engine with sail drive
Vetus Sea water filter
60 l Vetus diesel tank
Diesel filter with water separator
Vetus waterlock on exhaust line
Southco Marine diesel fill on deck
Radice 2 bladed folding propellers
Teleflex single lever engine control

Accommodation
All bulkheads and other interior modules in PVC foam cored GRP composite
White gelcoat finish on interior modules
White painted interior hull and deck surfaces
Custom SS T nuts for deck gear mounting – companionway to forward hatch
High density foam cushions
Central salon area with settees port & starboard
Galley between mast and mast bulkhead, s/s sink, cooker, refrigerator compartment
Enclosed head to forward of mast bulkhead
Double berths port & starboard aft, portlights for naturel light and fresh air
Enclosed cabins with doors on request

Installations
100 l Plastimo flexible fresh water tank
Jabsco pressurized water system
Can Marine S/S hand basin in head
Whale mixer tap/pull out shower head
Can Marine S/S galley sink
Whale mixer tap
Jabsco manual bilge pump in cockpit 3.000 l/h
Rule electric bilge pump 3.400 l/h
Jabsco marine toilet
Tru Design marelon flush seacocks and ball valves
Southco Marine fresh water fill on deck
12 volt DC
12 volt 60 A alternator on engine
1x110 Ah Victron Energy AGM house battery
1x70 Ah Victron Energy starter battery
BEP Marine battery management panel
BEP 12 volt DC 8x distribution panel with automatic circuit breakers
Frensch Lighting dimmable LED interior lights

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