

M.A.T.

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M.A.T. 1070

Preliminary Specification

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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	2.2 m	STL	4.85 m
Displacement	4700 kg		
Ballast	2300 kg		
Fuel tank	50 l		
Fresh Water tank	100 l		

Construction

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

Keel

Lead fin keel 2300 kg (approximate)

Rudder and Steering

Composite rudder and carbon fiber stock
Jefa high performance self-aligning top/lower rudder bearings
Tiller steering or composite twin wheel steering on request

Deck

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

Mast and Rig

Composite mast collar
Alloy mast with 2 sets of aft swept spreaders
Alloy racing boom with internal outhaul purchase
Carbon fiber mast and boom on request
Carbon fiber spinnaker pole
Carbon fiber bow sprit on request
Rod rigging
Solid 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
1 pole lift sheave

Engine

Yanmar 21 Hp diesel engine with sail drive
Sea water filter
60 l diesel tank
Shut off valve between the diesel tank and the engine, diesel filter with water separator
Diesel fill on deck
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
Enclosed head to forward of mast bulkhead, s/s hand basin, shower, china bowl
Double berth cabin port & starboard aft, portlights for naturel light and fresh air
Galley between mast and mast bulkhead, s/s sink, cooker, refrigerator compartment
Navigation station between mast and mast bulkhead

Installations

100 l flexible fresh water tank
Jabsco pressurized water system
S/S hand basin in head
Whale mixer tap/pull out shower head
S/S galley sink
Whale mixer tap
Jabsco manual bilge pump in cockpit 3000 l/h
Rule electric bilge pump 5.678 l/h
Jabsco marine toilet
Marelon seacocks and flush valves
Fresh water fill on deck
12 volt DC
12 volt 60 A alternator on engine
1x110 Ah house battery
1x70 Ah starter battery
BEP 12 volt DC distribution panel with automatic circuit breakers
LED interior lights