



M.A.T. 1010

Specification

Type

10.15 m dual purpose yacht aimed at providing competitive IRC performance and comfortable accommodation

Design

Mills Yacht Design, Mark Mills
Fox Engineering, John Fox
ISAF certified compliance with International Standard ISO 12215

Design Category

CE category A10

Dimensions

Length overall	10.15 m	I	13.60 m
Hull length	10.15 m	J	3.82 m
LWL	8.75 m	P	13.40 m
Beam max	3.32 m	E	4.63 m
Draft	2.10 m	STL	4.56 m
Displacement	4250 kg		
Ballast	2150 kg		
Fuel tank	56 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

550 kg SG iron fin with 1600 kg lead/antimony bulb = 2150 kg (approximate)
Recessed in the hull and bolted to structural composite frame

Rudder and Steering

Composite rudder and carbon fiber stock
Jefa high performance self-aligning top/lower rudder bearings
Carbon fiber tiller

Carbonautica composite twin wheel steering on request

Deck

Primary winches: 2 x Harken radial B40.2 STA self-tailing 2 speed
Main sheet winches: 2 x Harken radial B35.2 STA self-tailing 2 speed
Halyard winches: 2 x Harken radial B35.2 STA self-tailing 2 speed
Harken block and car package
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 Lewmar round 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
Carbon fiber spinnaker pole
Rod rigging
Composite T5 backstay
Long stroke integral hydraulic backstay adjuster
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
1 pole lift sheave

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
Yanmar 30 Hp engine on request
Engine panel recessed in the cockpit for protection
Vetus Sea water filter
Vetus waterlock on exhaust line
Diesel filter with water separator
Diesel fill on deck
Radice 2 bladed folding propellers
Teleflex single lever engine control

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 3.400 l/h
Jabsco marine toilet
Tru Design marelon flush seacocks and ball valves
Fresh water fill on deck
12 volt DC
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

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
Lightweight composite floorboards
Custom lightweight alloy cabinets to match alloy door frames, alloy portlights trims
Honeycomb cored, satin varnished naturel oak wood veneer cabin door(s) and cabinet doors
Custom alloy handrails
Southco alloy door handle(s)
High density foam cushions, Sunbrella upholstery

Central salon area with settees port & starboard
Enclosed head to forward of mast, s/s hand basin, shower, china bowl, cabinet, wet locker
Double berth cabin port & starboard aft, portlights for naturel light and fresh air
Galley to port by companionway, s/s sink, cooker, refrigerator compartment
Navigation station to starboard of companionway