

CLIPPER

MOTOR YACHTS



EUROPA 52

SPECIFICATIONS

I.1 PRINCIPAL PARTICULARS

Length Overall..... 15.59m

Length of water line..... 14.66m

Beam O.A..... 4.78m

Draught..... 1.27m

Displacement..... Approximate 20 Tons

Water Capacity..... (1.200 LITRES)

Fuel Capacity..... (3.350 LITRES)

Main Engines:

2 X Cummins engines, 305 HP QSB Each.
Equipped with heat exchangers for fresh water cooling, engine overheat & low oil pressure alarms, complete engine instrumentation for both lower & upper helm stations – Smart craft single station + analogue gauges for both helm stations.
– Electronic controls from Cummins, with ZF85A 2.5:1 ratio.

Generator:

1 X Onan of 12.0 KW 220V 50 Hz. Including sound shield, water & gas separator, circuit breaker and meter controls on the generator and lower helm station for start/stop, engine hours volts etc

Bow Thruster:

1 X 24 V Side power bow thruster model 155 KGF with single propeller with joy stick for lower & upper helm stations.

1.2 General Construction

- Gelcoat : DSM white or antique off white (cream)
- Hull will be end grain balsa coring from above water line. Main deck, house & fly bridge molded fiberglass - fly bridge with sandwich construction using Honeycomb.
- ALM Fuel and SS fresh water tanks with baffles and cleaning manholes
- Interior soles teak and holly throughout except the engine room.
- Afromosia interior trim.
- Frameless window frame with safety glass
- Three windows to be opening (sliding) including galley window with inside window screens.
- Three oval port holes in cabin trunk in each side
- Aluminum saloon sliding door.
- Cabin Headliner in cream vinyl.
- One SS deck hatch on main deck for master cabin (Manship).
- Rubber/Stainless steel rub rail on hull and around the swimming platform .
- Engine exhausts from Transom
- All through hull fittings and plumbing to have access hatches to the respective bilge areas. Automatic DC lighting to be fitted to bilges

1.3 General (Accommodation & Interior)

- Hand rubbed Afromosia paneling and carpentry in all spaces.
- Marine grade plywood throughout.
- Flush cabinetry throughout.
- Teak & Holly flooring throughout (except master and guest head showers which shall be FRP with teak grating)
- Solid teak in head floor
- Soft vinyl (cream color) headliners with padding – Removable panel type attached to the ceiling with 3M Velcro.
- High quality 70% gloss varnish for interior finish
- Southco door locks saloon and cabin doors
- Light switches and AC outlets from Gewiss
- 1.5” Foam and lead Sound insulation to be used throughout the engine room including bulkheads.
- Teak wheel for lower station and stainless steel for upper station.
- Color choice for interior fabrics Curtains – Leather for sofas – Mattresses etc to be buyer’s choice. Fabric for curtains, leather sofas, Mattress covers included in the price. Exterior Vinyl cushions also included in the purchase price.
- Suitable access hatches in forward accommodation to access all areas of the bilge. Automatic DC lighting to be supplied to bilge areas where there is an access hatch.
- All furniture including beds, tables, sofas etc are to have smooth rounded corners and all the cabinet doors and drawers to be flush style.
- Air-conditioning outlets to be groove design.
- All doors to be properly secured in open position.
- Aluminum sliding door for saloon
- Access to engine room from lazarette and access to pump room from companion way steps.

1.4 Main Deck

- F.R.P. integral Swimming platform with teak deck on top.
- Teak in the aft cockpit and a long both side decks to the first steps. Non skid (small diamond pattern) FRP foredeck.
- Stainless steel swimming ladder (to be swing down type with extension down to the water).

- One FRP Transom door and one FRP transom door starboard side bulwark.
 - Boarding gates (Starboard)
 - FRP bow pulpit with twin stainless steel rollers
 - Muir anchor winch (HR 3500 Jaguar) anchor windlass with wiring/solenoid and circuit breaker. (N.B. all wiring to be suitable for the application.) Windlass to be controlled from three stations. Lower helm station and fly bridge helm station to have MUIR auto anchor chain counters. Foot switches for up/down next to Bow locker.
 - Three lights positioned port/starboard bow coaming to light up anchoring arrangement.
 - 60 lbs Stainless steel plough anchor
 - Fresh & Salt water wash down bow and aft deck. (taps)
 - Bow & stern staffs
 - 50 Metres galvanized anchor chain
 - One FRP box on aft deck..
 - FRP coaming
 - 1 1/2" 316 stainless steel stanchions highly polished.
 - Hot and cold transom shower in aft deck.
 - Two shore connections.
 - Fuel oil and fresh water inlets to be recessed into superstructure so that they are not on deck.
 - Sufficient Stainless steel fairleads and cleats - Fairlead/cleat – 2 bow, 4 mid ships and two aft.
 - Suitable scuppers/drains.
 - FRP stairs from aft deck to fly bridge with teak laid on top. LED lights fitted to each step.
 - Engine air intake port and starboard amidships with Dorades
 - Two Hatch in aft deck with gas struts for access to lazarette. Stainless steel steps with teak steps. Floor boards as per the engine room.
 - Cantaluppi chrome lights for side decks and under fly bridge.
 - Lights for the two steps amid ships port & starboard including fly bridge steps and next to anchoring system.
-

1.5 Fly Bridge

- Non skid on Fly bridge (small diamond pattern)
- Helm station in the middle
- Standard full engine instrumentation and alarms (see “Main Engines”)
- Storage in fly bridge brow
- Hydraulic steering (Hynautic)
- Cummins electronic engine controls
- Stainless steel wheel.
- Compass
- Stainless steel windshield with tinted lexan.
- FRP radar arch. Two white water proof stereo speakers fitted both sides of the arch.
- Port/starboard navigation lights.
- Fly bridge seating as per drawing sufficient lights.
- FRP cabinet with sink and electric BBQ plus one u-line combo with hinged top.
- Plastic grating inside seating.
- One FRP tables with stainless steel post
- White vinyl cushions (removable) with foam and mesh backs.
- Heavy duty 12 V wiring for davit.
- One helm chair (Navigator Compact) with white vinyl
- Sliding aluminum hatch from aft deck to fly bridge.
- 1/4" stanchions.
- Suitable water drainage.
- 12 v Cable and FRP support for search light.

1.6 Lower Helm station

- Complete engine instrumentation and alarms
- Engine hour meters
- Hydraulic trim tabs from QL.
- Electric air horn with single trumpets. –
- DC outlet
- Three electric windshield wipers and washers (double arm wipers)
- Cummins electronic engine controls.
- Hydraulic steering (Hynautic)
- 12V / 220 V wiring system throughout, switchboard with circuit breakers (BEP AC & DC panel) Volt amp meters etc. Panel to be color coded and numbered. Four spare circuit breakers for AC & DC

- Fixed windows forward.
- Compass
- Helm seat From Navigator wasp on ss slide.
- Teak stairway (Lift up) down to accommodation
- fuel gauge to Smart craft and VDO water gauge

1.7 Saloon

- Built in U shaped settee with Ultra leather trim on all interior sofas.
- Hi-lo table which allows the “U” shaped sofa to convert to a bed if and when required.
- Insect screens on all opening windows.
- T.V. antennae outlet to be fitted as required.
- Starboard side cabinet with electronic controlled TV lift with 42” plasma TV (Sony, or Samsung etc). CD rack + Fine glass cabinet
- Final interior layout as per drawings attached to these specifications.
- Teak & holly sole.
- Middle Hatch to access engine room with ladder. Gas struts fitted to the hatch.
- Access door to saloon aft to be Aluminum. Same for the one forward starboard side door.
- Overhead spot lights to be 12V spot lights by cantaluppi
- Headliner to be removable & attached with 3MVelcro and to be new vinyl. Cream color.
- All furniture and bulkheads to be Afromosia.
- Push knobs for all drawers throughout the interior.
- Valance for all windows with curtain fabric. Buyer to have choice of color from display cabinet.
- Speakers in saloon
- Air-conditioning outlets in GROOVE STYLE
- AC outlets (3 doubles)
- Zeus Cantaluppi wall lights X 2

1.8 Galley

- Corian bench top including counter .
- Insect screen on all openings
- Galley faucet
- 2/4 burner electric Hob
- Smeg Microwave/ Convection oven FMC 30X
- AC outlets
- Double stainless steel sink
- Isotherm Model Number CR 200

- Drawers and cabinets all flush style.
- Overhead locker for storage cabinet with rounded/curved end.
- Exhaust blower. Teak and holly sole.
- Push knobs for all cabinets & drawers.
- Fittings for cups / plates and crockery. Etc.
- 2 double AC outlets

1.9 Port Guest Cabin

- Double berth
- Cedar lined hanging locker with automatic light as per drawings
- Insect screens to be fitted to port holes.
- Teak & Holly sole
- Two reading lights (Cantaluppi)
- 12V spot lights Cantaluppi
- Vinyl headliner removable attached with 3M Velcro.
- Mattresses 6/8” foam (as per sample) fabric covered. (Buyers choice color)
- Door with southco gold lock
- Push knobs for cabinets and drawers
- AC outlets
- Air-conditioning outlet
- TV aerial socket

1.10 Starboard Guest Cabin

- Single berth
- Cedar Lined Hanging Locker
- Insect screens to be fitted
- Teak & Holly Sole
- One reading light (Cantaluppi)
- 12V Spot Lights (Cantaluppi)
- Vinyl Head liner attached with 3M Velcro
- Mattress 6/8” Foam Fabric covered (Buyers choice color)
- Door with Southco Gold Lock
- Push Knobs for cabinets and drawers
- AC outlets
- Air-conditioning outlet
- TV aerial socket

1.11 Guest Head

- All Afromosia with mirrored ceiling
- Spot lights Cantaluppi
- Shower stall with shower water either direct discharge or to holding tanks. Valve to be conveniently placed.
- Safety Glass shower door with Clipper Logo
- Insect screens on port holes

- Corian counter top with custom sink and faucet .
- Shower and sink Faucets supplied by buyer.
- FRP Large shower sump tank
- Mirror (beveled)
- Tecma silence flush Low profile Fresh water flush
- Three way valve for direct/deck discharge or to holding tank
- Exhaust blower
- Spot lights Cantaluppi
- Push knobs for cabinets and drawers
- High gloss teak grating in shower
- Teak floor

I.12 Master Cabin

- Island bed with four drawers fitted under
- Mattress 6/8" thick foam with fabric covering.
- Insect screens on all opening port holes including hatch.
- 12V/220V Samsung flat screen TV 26" with DVD
- CD/Radio stereo/speakers
- Storage bins
- Cedar lined wardrobes with automatic light.
- Teak & holly sole
- Vinyl headliner removable with Velcro.
- 12V spot lights Cantaluppi
- Two Cantaluppi reading lights either side of the island bed.
- push knobs for cabinets and drawers
- Door lock
- Deck hatch as per drawing (Manship)
- A/C outlets
- Air-conditioning outlet.
- Mirror on forward bulkhead (beveled)

I.13 Master Ensuite Head

- Afromosia walls, mirrored ceiling.
- High gloss teak grating.
- Safety Glass shower door with clipper logo
- Three way Valve for direct or holding tank or deck to be conveniently placed.
- FRP sump tank
- Corian counter top with sink and faucet
- Shower and sink faucet
- 12 V spot lights. Cantaluppi
- Tecma head fresh water flush.
- Exhaust blower

- Insect screens on all port holes.
- Push knobs for cabinets/drawers.
- AC outlets.

I.14 Engine room / Machinery systems

- Engine exhausts to exit Transom
- Trim tabs QL
- Non skid Aluminum plate for engine room sole.
- Groco internal raw sea water strainers suitable for engines.
- Twin large Racor fuel filters with gauges for main engines
- One Racor fuel filter with gauge for generator.
- Stainless steel shafts.
- P.Y.I dripless stern glands
- Heavy duty stainless steel underwater brackets with cutlass bearings.
- Propellers 4 bladed. (Hung Sheng C class)
- Rudders stainless steel blades/s.s shafts
- Hydralift wet mufflers
- Good quality exhaust Black color tubing from Trident
- Hynautic Hydraulic steering
- 12 VDC Engine room blowers & air intake vents.
- Superior engine room sound proofing material –1.5" foam & lead.
- Aluminum perforated sheets to cover all bulkheads and fuel/water tanks etc.
- Five automatic electric bilge pumps. Engine room bilge pumps high water alarm. (RULE)
- Manual bilge pump
- Stainless steel fuel manifold & fuel return manifold.
- ALM fuel tanks with baffles (to be tested to 5 PSI)
- SS water tanks with baffles (to be tested to 5 PSI)
- Sight gauges, self closing cocks and tank vents fitted to fuel and water tanks
- Fuel tanks to have cross over valve.
- Rubber fuel lines.
- Hep 2 / 0 hard plastic for cold fresh water.
- Hep 2/ 0 hard plastic for hot fresh water.
- Cummins electronic engine controls.
- Sea cocks on all through hulls below water line (BRONZE/Stainless steel good quality SEACOCKS)
- Double hose clamps on all pipes.

- Pressurized fresh water system (Jabsco WITH COMBINED PRESSURE TANK)
- 1 x 200 amp 12 V battery for generator starting to be housed in FRP box & securely fastened.
- 2 x 200amp 12 v batteries for each engine starting to be housed in FRP box securely fastened.
- 3 x 200amp 12 v batteries for house to be housed in FRP box & securely fastened.
- 1 x 200amp 24 v battery for bow thruster housed in FRP box & securely fastened.
- Battery disconnect switch (Electric)
- Battery parallel switch to combine house batteries to engine starting batteries.
- Victron 12V 3000W battery charger/ inverter with 80 amps charging
- DC exhaust blower outlet
- Copper bonding throughout
- Maintenance free rudder bearings
- Stainless steel rudder blades
- FRP muffler for main engines
- Fresh water outlet with hose forward bulkhead of engine room
- Tool cabinet (Lazarrette)
- Oil confinement under engines
- Black exhaust hose for main engines.
- 12V engine isolation switches
- FRP sewage holding tanks with macerator pump for dockside or overboard discharge
- Eight DC lights in engine room and Two AC lights
- All bilge pumps to be hot wired directly to the batteries.
- 12V sump pumps for shower
- All pipings are to be securely supported and braced to prevent damage by vibration etc
- Stainless steel safety guards around both engines.
- Oil Reverso 12 V Dc fitted for both main engines & the Generator.
- Dockside water connection (Par)

1.15 Electrical System

- All wiring to be double sheathed, conduit and numbered on the control panel for wiring.
- 220V AC and 12V VDC cables to have distinctive color code for easy identification & numbered..
- All cables rating are to be in excess of the maximum load current.
- Two 220 V 32 amp shore power inlets. Shore power indication to show on main electrical panel
- Electrical panel to have device for interlock between shore supply connection and the generator supply.
- BEP main switch panel
- Four units split type reverse cycle marine air-conditioning systems from Dometic
- 2 X 16.000 BTU for main saloon
- 1 X 12.000 BTU for master cabin
- 1 X 16.000 BTU for guest cabin
- 12 V heavy duty wiring for davit on the fly bridge
- 12 V heavy duty wiring for the side power bow thruster
- All circuit breakers to be of adequate size for the application.
- RCD fitted.
- The boat shall be grounded throughout including all sea cocks

1.16 Fire fighting Equipment

- Automatic engine room fire fighting system by sea fire Model FD 700M

1.17 Miscellaneous

- Zinc anodes on rudders, shafts and transom
- Emergency tiller
- Steering gear compartment to be well ventilated.
- Interlux protect 2000E system with epoxy protection
- International primer and Black anti-fouling 2 coats.
- Black boot stripe 5/6" with 1" gap and then the black anti foul.

All weights & measurements are approximate