

CLIPPER

MOTOR YACHTS



CLIPPER ORION 60

SPECIFICATIONS

I.1 PRINCIPAL PARTICULARS

Length Overall.....	18.85 m	61 ft 10 in
Length of Waterline.....	16.54 m	54 ft 3 in
Beam O.A.....	5.28 m	17 ft 4 in
Draught.....	1.72 m	5 ft 8 in
Displacement.....	50 Tons	110,132 lbs
Water Capacity.....	1,514 LITRES	400 US Gallons
Fuel Capacity.....	7,570 LITRES	2000 US Gallons
Holding tank.....	568 LITRES	150 US Gallons
Grey Water Tank Capacity.....	379 LITRES	100 US Gallons

1.2 Hull, Superstructure and Exterior

- Hand-laid gel coated FRP hull, deck & F/bridge
- Solid F.R.P hull & first 3 layers in vinylester resin
- Full length longitudinal engine stringers & athwart ship stringers
- Teak decking on flybridge (helm area only), swim platform, cockpit, side deck & Portuguese bridge deck. The rest are in white non-skid F.R.P
- Vacuum bagged Honeycomb® core on deck & flybridge
- F.R.P built-in swim platform with S/S swimming ladder
- Bottom protected with three (3) coats epoxy barrier treatment & two (2) coats of International® bottom paint
- Black bottom paint & boot stripes
- Bilge area finished smooth & coated with bright white epoxy paint
- S/S frame with Lexan Sheet®
- Frameless windows
- Bronze colour tinted tempered window glass around deck house, except clear for Pilothouse windshield
- S/S capped rub Rails

1.3 Engine Room & Bilge

- Single John Deere® 500HP 6090SFM75 Engine
- Onan® MDKBR 17.5KW 50 HZ & MDKBL 7KW 50HZ Generator
- Heavy grade lead/foam sound insulation covered with white aluminum perforated sheets
- Water tight bulkheads
- White finish nonslip flooring in engine compartment
- Engine room smooth finished & epoxy painted
- S/S high polished engine mounts
- Safety rail around engine
- Oil integral space under engine
- Lighted bilge area
- Smoke alarm
- Two water proof 230 VAC outlets
- S/S oil tank for storage clean engine/generator oil (20 Gallons)

- S/S Hydraulic tank for storage clean hydraulic oil (20 Gallons)
- Tool cabinet
- Spare parts cabinet
- Storage facility for spare propeller
- Work bench with vice fitted

1.4 Mechanical

- Single John Deere® model 6090SFM75 (500 HP/2400rpm) diesel with ZF-360 transmission & electronic instruments for dual stations
- John Deere® Helm View® panel for both digital with analogue gauges
- Electronic engine controls for dual stations
- Teleflex® hydraulic steering system for dual stations
- Emergency tiller with locking mechanism & lock down storage
- Conventional engine exhaust system to transom with F.R.P muffler
- Exhaust temperature
- Aqua® 22 marine shaft
- Tides® dripless shaft seal with spare seal on shaft
- Bronze strut with cutlass bearing
- Hung Sheng® four bladed Nibral “S” class CNC machined propellers with Spurs® rope cutter
- Skeg protected S/S rudder
- Tides® dripless rudder seal
- Zincs on rudder, shaft & transom
- Racor® 75/900MAX dual bowls fuel filter for main engine
- Racor® 500MA single bowl fuel filters for generators
- Racor® ESI fuel polishing system
- Wesmar® hydraulic package for bow thruster (V2-12-25 HP), stern thruster (V2-12-25 HP), stabilizers (14 sq-ft fin with at anchor system) & hook up to windlass in dual stations proportional control
- Wesmar® APU300 get home system, PTO form main generator
- Groco® seacocks & water strainers for under water intakes
- Oil change system for engine, transmission & generators
- Automatic fire extinguisher system with auto shut down

1.5 Electrical Systems

- Main system in 230 VAC & 24 VDC
 - BEP® main electric distribution panel with gauges & circuit breakers
 - Volt & Amp digital meters
 - One set of Onan® 17.5KW/50HZ main generator with sound shield & gas/water separator
 - One set of Onan® 7KW/50HZ generator as back up with sound shield & gas/water separator
 - Remote starts for generators at lower helm
 - Two shore power receptacles 230 V 32 Amp at stern
 - Polarity reverses indication light
 - Double insulation cable for AC wiring
 - RCD for AC socket protection
 - Isolation switches for engine room AC equipments
 - 230 VAC outlets with water proof covers throughout engine room, heads & exterior
 - Heavy Duty AGM batteries
 - Two 200 AH for engine
 - Six 200 AH for service (& inverter)
 - One 100 AH for each generator
 - One 100 AH for 12 VDC system
 - Newmar® inverter charger #24—3550-ICIPF 230V
 - 24 VDC 40 AMP back up battery charger
 - One (1) DC-DC converter (24 VDC to 12 VDC)
 - BEP® motorized battery disconnect switches
 - 12 VDC cigarette lighter type outlets in fly-bridge & pilothouse
 - Cantalupi® Diana 85 LED ceiling lights throughout the vessel
 - Courtesy/step lights throughout & automatic wardrobe lighting
 - 24 VDC tube lighting LED valance lights at saloon & staterooms
 - Imtra® or equivalent 230 VAC fluorescent lights & 24 VDC lights for engine room
 - Vessel monitoring mimic system
 - Hella® LED navigation lights
 - Exalto® single panel windshield wiper system & window washer
 - Electric double trumpet air horn
 - Shore telephone / cable TV inlet on transom
 - One Sanshin® or equivalent remote control search light
 - Two (2) recessed flood lights, Hella® or equivalent on back of boat deck for cockpit & swim platform
 - Quiet head exhaust fan blower form EC Smith® UK or equivalent
 - Accessible wiring raceway throughout
 - Wiring for speakers throughout
 - Copper bonding system to all underwater fittings with zinc anodes
-

1.6 Plumbing

- Four (4) automatic Rule® 24 VDC auto & manual switch bilge pumps & emergency bilge suction on engine
 - One (1) manual bilge pump for engine room, located in cockpit locker
 - High bilge water alarm system with mimic panel at pilothouse & flybridge
 - Two (2) automatic Rule® 24VDC shower pumps
 - Pressure fresh water hot & cold system, Head Hunter® DC system
 - Torrid® 20 Gallons water heater with heat exchanger
 - One (1) shore water inlet on transom
 - Hot & Cold transom shower in recessed box
 - Single level mixing taps for sinks at galley, heads & shower
 - Fresh water outlet with hose in engine room
 - F.R.P fuel tanks with sight gauges, inspection plates & drains at bottom
 - S/S water tanks with sight gauges, inspection plates & drains at bottom
 - One (1) F.R.P holding tank with macerator pump & tank monitor
 - One (1) F.R.P grey water tank with discharge pump & tank monitor
 - BEP® tank gauges for all tanks
 - Color coded piping
 - Two (2) Tecma® silence plus 24 VDC electric marine toilets in fresh water hook up with sanitary hose for all discharge plumbing
 - S/S fuel manifold system (supply & return with certificated rubber hose piping or in color coded copper pipe
 - Fresh water washdown outlet on fore deck, aft deck & flybridge with extended hoses
-

- One (1) Salt water washdown pump with outlets on fore & aft deck
- Common drainage system for sink, deck, shower & bilge
- S/S through hull fittings for above water line area, when equipped
- Sufficient courtesy lights
- Teak bow & stern staffs

I.7 Exterior

- Hull & deck house side: white color gelcoat
- Deck: white color gelcoat with white non-skid
- Windlass Muir® VVC 3500 HYD in two (2) sets (chain pipes in opposite position) with chain counter & chain stoppers
- Hydraulic/electric anchor windlass with four switches & both station controls
- Two (2) hull side anchor launching fittings with related accessories
- 100 kgs dreadnaught anchor in two (2) sets, recessed in S/S housing on the bow
- 300 ft 12mm DIN chain in two (2) sets
- S/S storm hatch over chain locker
- Aritex® single swing type aluminum door from cockpit to saloon
- Aritex® water tight bus type door to engine room from transom
- Pilothouse doors to side walk—sliding type with swing out window on upper portion
- Boarding gate on stbd. Main deck
- ManShip® oval S/S portholes with screens & dead lights
- Aritex® S/S large sized hawse holes & inside pipe installation cleats, except forward deck in separate heavy duty cleats
- Hardware stainless steel S/S#316
- 1½” stainless steel handrail & stanchions
- S/S railing on fore deck & boat deck
- Large “U” shaped bolt in bow
- Portuguese bridge door to forward deck
- F.R.P settee & storage underneath in Portuguese bridge with Sunbrella® cushions
- Side deck on stbd. Side & wide body saloon on port side
- Transom hot & cold shower in recessed F.R.P box
- Two (2) white life rings with boat name & home port
- ManShip® hi-tech computer controlled engine room air intake system
- S/S steering wheel on flybridge & Clipper® custom steering wheel in pilothouse
- S/S anchor / mast head light bracket

I.8 Flybridge & Boat Deck

- Large helm station for electronics
- Full engine instrumentation
- Vessel monitoring system
- Two (2) deluxe Crown® pedestal helm seats
- Two (2) waterproof 230 VAC outlets
- S/S#316 high polish safety rail 1½”
- Teak decking on forward flybridge helm area & rests in non-skid deck
- Fixed leg F.R.P table & “U” shape settee on stbd. Side with Sunbrella® cushion fabric & storage underneath
- F.R.P seat on port side with Sunbrella® cushion fabric & storage underneath
- Cowl storage with doors
- F.R.P cabinet with wet bar, U-Line® C029 icemaker / refrigerator and BBQ
- Molded F.R.P stairways from boat deck to cockpit & flybridge to port side main deck
- One (1) ADC® 030 davit, SWL 350 kgs, manual slew, manual luff pneumatic assisted & electric hoist
- S/S cradle provision for two owner supply life rafts
- Self-draining deck with Clipper® logo drain fittings
- Clipper® C logo lighting, acrylic with S/S supplied by Aritex® & fitted on radar mast

I.9 Cockpit

- Molded in stairway to flybridge with S/S hatch molded in
- Storage under stairway
- F.R.P transom gate to swim platform
- F.R.P seating stbd. Side cockpit with Sunbrella® cushions
- Two water proof 230 VAC outlets in cockpit
- F.R.P cabinet aft deck with U-Tec® S/S deep freezer

2.0 Accommodations & Interior

- Afromosia paneling covering on bulkhead
- Afromosia cabin doors & cabinet doors
- Soft vinyl designer headliners, removable type by 3M® Velcro

- Afromosia & holly cabin sole throughout, except heads
- Granite flooring with S/S inlay in heads
- Interior finish, satin varnish
- Granite countertop in galley & heads
- S/S sink in galley & white porcelain sink under counter mount in heads
- Gold or chrome colour hardware
- White F.R.P panel for shower wall
- Fabric covered mattress for berths
- Hanging locker with automatic lighting & cedar paneling
- Mirror with wooden frame
- Designed package Cruise Air® central system air conditioning with compressors in engine room
- Gewiss® light switches & outlets

2.1 Pilothouse

- Completed engine, electronic & control console
- Electronic engine controls
- One (1) deluxe Crown® pedestal helm seat
- Afromosia and holly cabin sole
- Chart table & storage on port side with provision for storing pilot books, pencils/dividers etc
- Red spot lights over helm & chart area
- Two chart lights (red & white)
- L Shape raised settee in leather on stbd. Side with cup holders & storage under seat
- Desk & book shelf on port side with pull out seat
- Cigarette lighter type 12 VDC outlet
- Afromosia/burl or Ultra Leather® on helm station control area
- Switch panel under pilothouse counter top & protection behind the panel
- Storage provision for binoculars
- Storage for international flags
- Storage provisions for flares
- Door to saloon level
- Defroster for pilothouse windshield

2.2 Saloon

- L shape saloon settee on stbd. Side with end table, cushions covered by leather
- Sunburst top Afromosia table with "C" logo & inside liner, fold up leaves with hi-lo legs
- Full height curved entertainment center on

- stbd after corner
- Space for owners chairs & curved bureau in center on forward of entertainment center
- Layout "B" with entertainment center port side with TV lift
- Breakfast bar to galley with three (3) swivel S/S stools
- Stairs down to cabins on port forward corner & full height locker next to it

2.3 Galley

- S/S home size double sink
- Single lever hot & cold water faucet
- Storage cabinets & drawers for cups / plates and crockery
- Overhead lockers
- Granite counter tops
- Lazy Susan on corner
- Miele® microwave / convection oven over cooktop
- Miele® electric 4 burner induction cooktop
- S/S pot holders for cook top
- Miele® dishwasher
- Miele® coffee maker
- 230 VAC galley exhaust
- Full height refrigerator on port outboard side

2.4 Master Stateroom

- Full width master stateroom
 - King size berth on boat center line & storage / drawers underneath
 - Mattress / thick foam, fabric covered
 - Large dressing mirror with Aqua Signal® mirror light
 - Full height hanging lockers with auto lighting
 - Cedar paneling in hanging lockers
 - Oval portlights with screens & S/S storm covers
 - Reading lights
 - Night stand on port side & engine room walk in entrance on stbd side with pull out night stand
 - Aritex® water tight door to engine room
 - Southco® door locks or equivalent quality
 - Vanity & TV cabinet over
 - Bureau on both sides of hull
 - One safe hidden in hanging locker
-

2.5 Master Ensuite Head

- Tecma® silence plus electric toilet
- Curved shower door with frosted tempered glass & Clipper® logo
- Two (2) modern sinks with hot & cold water faucets
- Medicine cabinet
- Mirror
- Vent blower
- Granit flooring with S/S inlay
- Bathroom fittings for local towels/cups/ toilette holder etc



All weights & measurements are approximate.

Clipper Motoryachts Limited reserves the right to alter prices and specifications subject to currency exchange rates. Please check with Clipper Motoryachts Limited to confirm current validity. Clipper Motoryachts Limited will not be liable "in contract or otherwise" for any loss resulting from the inaccuracy of any information contained in this document. Safety equipment - each state or Territory has different safety equipment standards it is important to ensure the requirements in your jurisdiction are met prior to the vessel being used. Appropriate deposits paid to Clipper Motoryachts Limited at time of order will establish firm pricing. ****denotes tank capacity. For useable capacity do not rely on more than 90% of tank capacity. Actual usual capacity will vary according to boat trim and sea state

2.6 Stbd Guest Stateroom

- Double berth with fabric cover
- Oval portlights with screens & S/S storm covers
- Hanging locker with auto lighting
- Cedar paneling in hanging locker
- Bureau & Cabinet over
- Night stand
- Reading lights _

2.7 Forward Guest Stateroom

- Same level "V" shape berth with fabric cover
- Oval portlights with screens & S/S storm covers
- Hanging locker with auto lighting
- Cedar paneling in hanging locker
- Mirror
- Reading lights
- Berth / desk convertible

2.8 Port Guest Head

- Tecma® silence plus electric toilet
 - Stall shower for head with frosted tempered glass & Clipper® logo
 - Modern sink with hot & cold water faucet
 - Medicine cabinet
 - Mirror
 - Vent blower
 - Granite flooring with S/S inlay
 - Bathroom fittings for local towels/cups/ toilette holder etc
 - Miele® washer / dryer on hallway, beside the ladder
-