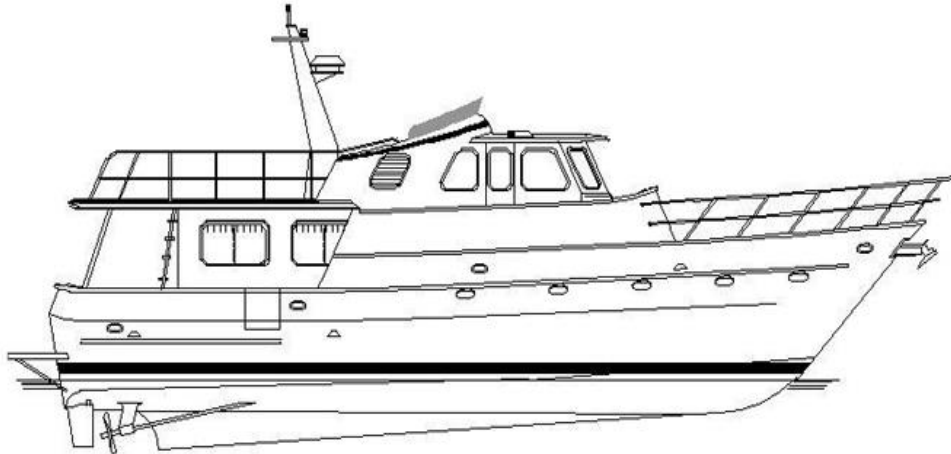


# EAGLE 53 PILOTHOUSE MOTORYACHT

## SPECIFICATIONS

REVISED JANUARY 2014



LOA: 53' 3" / 16.25 m
BEAM: 15' 9" / 4.85 m
L.W.L.: 45' 0" / 13.73 m
BEAM AT LWL: 13' 7" / 4.14 m
DRAFT WITH KEEL: 4' 11" / 1.49 m
DISPLACEMENT: 42,000 POUNDS / 20 T
WATER CAPACITY: 250 US GALLONS / 946 L
FUEL: 830 US GALLONS / 3142 L
ENGINES: TWIN CUMMINS QSB6.7-250 HP ELECTRONIC DIESELS
GEN SET: 8 KW (12 KW OPTIONAL)



BUILDERS:  
TRANSPACIFIC MARINE CO. , LTD.  
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## **HULL, HOUSE, SUPERSTRUCTURE & DECKS**

- The FRP hull is hand-laid with vinylester resin in outer layers and orthophthalic resin in the remainder.
- The hull sides are cored between WL and rub strake. Reinforcement consists of a molded FRP grid bonded throughout the hull. Bottom.
- The deck and superstructure is a single FRP molding with structural coring as required
- Non-skid FRP decks
- Port & starboard bulwark doors.
- Molded bow & stern scuppers

## **EXTERIOR HARDWARE & FITTINGS (316 SS UNLESS OTHERWISE NOTED.)**

- S/S 1-1/4" rails main deck fwd and boat deck.
- 14" S/S raked bollard cleats in bow & stern
- S/S cleated chocks midships
- Single, S/S bow roller
- S/S water, waste & diesel deck plates
- S/S tank vents on hull
- S/S supports from deck to sun roof overhanging cockpit
- 5, aluminum sliding windows in saloon – galley; 7 fixed, aluminum pilothouse windows painted off - white
- 10 Lewmar alum. Portlights & screens
- Flagpole base & teak flagpole
- Emergency tiller access plate & emergency tiller
- S/S engine & gen set exhaust flanges
- 2 zincs
- Bronze seacocks
- Bronze strainers on intake seacocks
- 5 overhead lights above side decks and cockpit
- Chromed bronze door hardware
- Teak & St. St. Swim platform with attached St. St. Swim ladder

## **MAIN DECK**

- Teak caprails on bow, portugese bridge, bulwarks and transom
- S/S and teak ladder to upper deck with hatch overhead
- 2 Lewmar hatches
- 2 FRP cockpit hatches with gas spring hinges

## **CONTROL AND NAVIGATION**

- F/B & P/H helm stations with complete engine instrumentation
- Manual hydraulic steering
- Electronic engine controls
- International navigation lights
- Electric air horn

## **PROPULSION, ENGINE ROOM & BILGE**

- Twin Cummins QSB6.7-250hp electronic diesel engines with 12 volt, ZF Mathers 80A Electric shift with 2.50:1 ratio; 160 amp, 12V alternators.
- Galvanized steel saddles mounted on molded engine beds
- Clamp-type shaft couplings
- 2" S/S Aquatech 17 prop shafts
- PYI dripless shaft seals
- Molded airfoil rudders with S/S stocks & interior cores.
- Bronze struts & cutlass-type bearings
- 4 blade, bronze propellers
- Racor single, 900 FG-2 separators
- Raw water strainers
- Flexible, U.S.C.G & CE approved, marine fuel hose
- Thermal & acoustic engine room insulation of sandwich construction of dense foam and lead sheet, covered with reinforced alum. Foil
- FRP drip pans under engines
- Exhaust line surge chambers
- 4 x 12V blowers
- 4 x 12V engine isolation switches
- GFCI 120V receptacle
- 8.0 KW generator & accessories
- 4 ea 12V high intensity lights
- Fresh water outlet with hose bib
- 2 ea Attwood 1700 GPH electric bilge pumps w/ 12V auto and manual switches

**PROPULSION, ENGINE ROOM & BILGE  
CONTINUED**

- 1 Manual bilge pump
- 2 ea 12V shower sump pumps
- Watertight engine room bulkheads
- Bronze seacocks & strainers on engine & generator seawater intakes

**FLYBRIDGE**

- S/S destroyer type helm at upper helm & full instrumentation
- Pedestal helm seat
- Molded seats with interior storage
- Vinyl covered, 4" thick seat cushions
- Non-skid FRP deck
- 1-1/4" S/S double safety rail around upper deck & around hatch to main deck.
- Folding, aluminum mast painted off-white w/ radar base & spreader lights
- Molded FRP bases for P & S navigation lights painted off-white
- Hatch over aft access ladder to main deck
- S/S and acrylic door & hatch between upper deck and stairs to PH

**PILOTHOUSE**

- Chart drawers & chart table
- Teak and holly cabin sole
- P & S polished aluminum doors, with safety glass windows – interiors teak covered.
- 7 Fixed, anodized aluminum windows with safety glass
- 3 Pantograph wipers
- Interior stairs up to flybridge
- Lighted stairway down to staterooms
- Upholstered "L"-shaped settee with underneath storage and adjustable height table
- AC & DC receptacles
- Removable, padded, vinyl headliner throughout the interior, excepting the engine room
- S/S destroyer type helm with teak rim & full instrumentation at large instrument panel
- Pedestal helm seat
- Overhead, teak, electronics, console with easy wiring access

**GALLEY**

- Teak cabinets with shelves above aft counter
- Drawers and lockers below counters
- Covered bottle & glass rack at inboard end of aft counter
- Covered, vented microwave compartment with duplex receptacle.
- Laminated safety glass sliding window
- Norcold AC/DC reefer/freezer
- 3 Burner, electric stove
- Electric exhaust vent by stove
- Double S/S sink with single lever, American standard faucet
- Granite counter tops
- GFCI duplex AC receptacles
- Glass & cup racks
- Lighted stairs up to pilothouse

**SALOON**

- Portside, vinyl upholstered settee with granite topped, cabinets on fore and aft sides of settee
- Adjustable height, oval shaped, teak dining table
- Granite topped cabinet for entertainment center or optional ice maker on stbd side, aft of reefer
- TV cabinet and storage shelf in aft stbd corner.
- 2 Chair space between TV cabinet & entertainment cabinet
- TV and phone outlet; AC receptacles
- Laminated glass in side and aft sliding windows
- Aft, sliding S/S framed door, with full height glass panel, opening to cockpit
- Teak curtain valences
- Teak and holly cabin sole
- Access to engine room through removable floor pieces (sole)
- 4 Swingable, wall mounted, 12V lights with lampshades

**TWO STATEROOMS & LAUNDRY ARE THE  
STANDARD PLAN**

**FORWARD GUEST STATEROOM**

- Queen size berth with 5" foam mattress covered in cloth upholstery

**FORWARD GUEST STATEROOM  
CONTINUED**

- Drawer and locker storage under aft end of berth and storage fwd .
- Mirror on fwd bulkhead
- Port & stbd hanging lockers
- Reading lights & AC receptacles
- Opening, screened portlights
- Teak strips covering hull sides
- Storage space inboard of, and between portlights
- Teak and holly cabin sole

**AFT STATEROOM**

- Queen size berth with 5" foam mattress covered in cloth upholstery
- Under berth storage
- Private lavatory with stall shower
- Mirrored dressing table with drawers and movable seat
- Bedside cabinets with drawers
- Portside hanging locker
- Reading lights
- AC duplex receptacles
- Phone and TV outlet
- 4 Opening, screened portlights
- Teak and holly cabin sole
- Hanging locker across fwd bulkhead in two stateroom plan.

**LAUNDRY, INCLUDED W/ 2 STATEROOMS**

- Enclosed, vented compartment between fwd stall shower and aft stateroom
- Space for combination washer and dryer

**OPTIONAL PREPARATION FOR WASHER AND DRYER INSTALLATION**

- Hot and cold threaded faucets in locker under machine with space for soap, etc.
- Overboard drain
- Shelf and rack above machine

**OPTIONAL PORT GUEST ROOM**

- Two single berths with 5" foam, fabric covered mattresses
- Upper berth folds up against wall
- St. St. ladder to upper berth
- Drawers under fore and aft berth
- Hanging locker

**OPTIONAL PORT GUEST ROOM  
CONTINUED**

- Framed mirror
- Reading lights
- AC duplex receptacles
- Opening, screened portlight
- Teak and holly cabin sole

**OPTIONAL PORT OFFICE**

- Granite top, teak desk with legal size file drawers
- Desk lights
- Pullman type, folding, athwarthships berth with 5" foam, fabric covered mattress
- Hanging locker
- Reading lights
- AC duplex receptacles
- Opening, screened portlight
- Teak and holly cabin sole

**LAVATORIES**

- TECMA ELE012PW/T02C0 electric toilets including macerators
- 1 x 25 gal plastic, holding tank with deck and overboard discharge & macerators for each lavatory (2)
- Holding tanks waste level monitors
- Holding tank odor filters
- Molded stall showers
- Molded cabin soles
- Shower sump pumps
- S/S sinks & granite countertops with storage under sinks
- American standard faucets & shower fittings
- Opening, screened portlight in each lavatory
- GFCI duplex receptacles.
- Towel racks & toilet tissue holders
- Mirrored door medicine cabinet
- U.S. made sanitation hoses

**LAZARETTE**

- Steering system components
- GFCI AC duplex outlet
- 2 St. St. ladders into lazarette
- Gen set & accessories
- Water pressure tank, pump and hot water heater
- Generator and accessories

**ELECTRICAL SYSTEM**

- 120 VAC and 12V DC systems
- Blue Sea panels, breakers & switches with battery disconnect switch; battery volt and amp meters; and reverse polarity indicating light in pilothouse
- Instrument panel lights
- 120 Volt AC duplex receptacles
- 12 VDC wiring to: reefer/freezer; both helm stations; cockpit and saloon
- 1 x 50A 120V shore power inlet
- Color coded wiring system
- 8 KW gen set with sound shield; single station control panel; raw water strainer, fuel and water separator and muffler
- 12V lighting in all compartments including engine room
- GFCI receptacles in galley, engine room ,lavatories, and lazarette
- Bonded electrical system
- 1 Bank (2) of 200 AH heavy- duty, engine starting batteries in covered FRP boxes
- 1 Bank (2) of 200 AH heavy-duty, batteries in covered FRP boxes for interior use
- 1 x 120 AH gen set starting battery in covered FRP box
- 40 Amp battery charger
- Battery isolator

**PRESSURE WATER SYSTEM**

- Fresh water lines of QEST tubing 1/2" OD flexible hose
- Shurflo 3.8 GPM pressure water pump
- Pressure fresh water system with 6 gal accumulator tank
- 250 U.S. gal molded and baffled, FRP tank with gel coated interior; top inspection/clean out plate
- 20 U. S. Gallons water heater with heat exchanger
- Sight gauges on water tanks

**FUEL SYSTEM**

- 2 x 415 Gallons, fire resistant, FRP fuel tanks with top inspection/clean out plates
- USCG approved type A-1 fuel hoses

**FUEL SYSTEM  
CONTINUED**

- Sight gauges on fuel tanks
- Racor 900 single fuel/water separators on main engines
- Racor 120RMAM fuel and water separator for generator

**YACHT FINISHES**

- Two part polyurethane satin finish, interior finish
- 5 Coats high gloss varnish on exterior teak

**FOR SHIPMENT**

- Yacht is secured in a steel cradle and is fully covered.