

20th Aug 2011
v18

CORVETTE 340 Motor Yacht

SPECIFICATIONS

DIMENSIONS & CAPACITIES

Length (LOA)	34' 10" (10.62m)
Waterline Length (LWL)	27' 8" (8.43m)
Beam	13ft (3.96m)
Draft	3' 4" (1.0m)
Lightship Displacement	17,416 Lbs (7,900 Kg)
Minimum Operating Condition	18,286 Lbs (8,294 Kg)
Loaded Displacement	23,236 Lbs (10,540 Kg)
Air Draft (top of flying bridge)	11' 3" (3.43m)
Air Draft (top of mast)	16' 4" (4.98m)
Main Engines:	Volvo D4-300
Transmission:	HS80AE
Reduction Ratio:	Nominal 2.43:1
Fuel:	290 USG (1097 Liters) in two fiberglass tanks
Fresh Water:	135 USG (510 Liters)
Black Water:	39 USG (147 Liters)

SPECIFICATIONS BY AREA OR GROUP

HULL

Solid laminate, commensurate for hull size, made in female mold.
Vinylester resin used for outer laminations
Moulded composite bulkheads, stringers and frames with gelcoat finish
Gel coated finish with imported Cook gel coat (USA)
Epoxy barrier coat below waterline - five coats
Two coats black Anti-foul paint
Bronze rudders
CE-approved windows
Shaft "A" Struts

DECK AND SUPERSTRUCTURE CONSTRUCTION

All parts made from molds.
Corecell M-Foam cored construction with USA imported Cook gel coat

EXTERIOR

Stainless steel trim around roofs, and on rub rail
Aquasignal navigation and anchor lights
Twin horns
Gas bottle locker
Chain locker
Substantial thru-bolted stainless steel guard rails
Opening side gates
All Stainless Steel is 316 marine grade and all welds are ground and polished.

AFT DECK AREA

Vacuum bagged teak decks (non-skid is optional)
Sikaflex deck caulking
FRP Swim step, with teak or non-skid surface & Stainless steel rub rail
Stainless steel telescopic swim ladder under swimstep. Can be deployed by swimmer
Wide steps to flybridge with teak treads
Two stainless steel heavy duty cleats
Stainless steel handrail and ladder from swim step to aft deck

Stainless steel flag staff holder
Stainless steel triple fender baskets Port & Stdb on aft deck rail
Hot & Cold fresh water deck shower, installed on transom

SIDE-DECKS

Teak decking
Substantial thru-bolted stainless steel guard rails
Stainless steel handrails at side deck steps.
House side opening windows, with tinted glass
Large stainless steel cleats for spring-lines
Fuel fill fittings for two fuel tanks
Shorepower inlet for 110/220v, 60Hz, 50A, (European model 230v, 50 Hz, 32A)
Manual bilge pump located by stbd side deck steps
Black water tank suction deck fitting
Access to remote shut off valves for fuel tanks and gas system

FOREPEAK

Separate stowage for chain and rope
Forepeak drains directly overboard.
Bitter end fittings
Hatch scuppers
High gloss poly paint finish

FWD DECK

Teak deck
CE approved stainless steel low profile hatch/skylight
Substantial thru-bolted stainless steel guard rails
12v DC, 1000 watt electric anchor windlass with foot switch on bow and up/down controls at both helm stations
35Lb (16Kg) Delta Anchor with 98ft (30m) calibrated chain
Large Stainless Steel bow cleats
Stainless steel pulpit rail.
Locking hatch to forepeak chain locker and storage
Deck drains plumbed to boot-stripe to prevent black streaks
Forward cabin trunk with off-white non-skid

FLYBRIDGE

Console with Hydraulic steering
Single lever electronic engine controls
Reversible helmseat for three persons
Electronics console
Digital Engine instrumentation
Trim tab controls and indicator
Compass with light
Fire system repeater alarm
Port & Stbd Flybridge bench seats with cushions and storage under
Aquasignal navigation lights in accordance with appropriate Collision regulations
Twin horns
Stainless steel folding radar arch with fittings for VHF aerial, GPS Antenna,
SeaMe radar reflector, Radar, Searchlight, wind instrument and TV antenna.
Substantial stainless steel railings
Large storage area underneath console with gasketed doors and stainless steel
hardware
Remote control for Fusion stereo
Off-white non-skid on deck and steps

ENGINE-ROOM

Fire retardant FRP fuel tanks (2).
Groco raw water strainers for main engines and all other seawater intakes
Main engine exhaust system with surge tube
Heavy duty lead foam sound insulation
Hinged and gasketed engine access hatches with gas struts
Auto/Manual fire suppression system with automatic shutdown of
engines/genset/blowers
Bilges painted with glossy white poly paint
Submersible bilge pump
DC LED engine room lighting
110v GFI electrical outlets (European model 230v AC, outlet RCD protected)
300 A/H House battery bank - 2 pcs Lifeline GPL-6CT AGM (6 volt) batteries
300 A/H Engine battery bank
Enclosed drip pans underneath main engines
Starboard equipment platforms
All thru-hull fittings are bonded

INTERIOR

Two stateroom accommodation, includes master cabin aft (en-suite) with hanging locker, drawers, vanity with stool, separate head to stbd, and shower to port
Forward cabin with twin berths, storage lockers & combined shower/head.
Oceanair blackout/insect screen for opening skylight/hatch
Non-slip material on all interior steps
Varnished American cherry joinery with satin varnish, hand-rubbed finish throughout
Light fixtures with chrome finish
Vinyl headliner
Vimar brand light switches and AC outlets with brushed stainless steel finish faceplates
Headroom in salon and cabins is 76" (1.93m)
Headroom in aft shower and aft head is 71" (1.8m)
Headroom in forward head/shower is 73" (1.85m)

SALON

Medium grey tinted glass windows.
American Cherry valance over windows
Overhead light fixtures
Hinged and gasketed engine access hatches with gas struts
L Settee with Ultrasuede Upholstery
Hi-Lo table with folding leaves, can be lowered to form additional berth
Salon sole made from FRP sandwich with Nidacore honeycomb composite core
Curtains
Teak & Holly salon sole
Top hinged opening aft window

GALLEY

Corian countertop
Stainless steel sink combined gas cooktop
3.6 cu ft (102 Liter) refrigerator
Drawers with stainless steel sliders
Cabinets
110v AC GFI outlets (European model 230v AC, outlet RCD protected)
Pull out shelf for additional countertop surface
Gas Oven
Top hinged opening aft window and pass thru to aft deck

PILOTHOUSE – MAIN HELM AREA

Ultrasuede “Charcoal” upholstered helm console
Twin Helm Seats on adjustable pedestals with leather upholstery
Digital Engine instrumentation
Horn control
Engine start & stop buttons and key-switches
Hydraulic steering
Compass with light
Back lit electrical distribution panels for AC and DC
Perspex doors on AC, DC and advisory panels
Self-parking, wipers with multi-speed/intermittent controls & fresh water wash on forward-facing windows
Forward facing windows with clear glass
Opening top hinged centre windscreen
Opening sliding helm side window
Vinyl headliner
Windlass up/down switch & control circuit breaker
Fire system remote pull and alarm panel
Bilge pump controls & High level bilge alarms
Fusion Radio/CD/DVD player & iPod dock and speakers

ACCOMMODATION

AFT CABIN

Tapered Queen size island berth with full walkaround space
Nightstands and reading lights
Carpeted sole
Side windows and top hinged opening aft windows
Lift-up vanity with swing out stool
Hanging locker
Fresh water pump & inlet filter
Steering gear
Trim Tab motor
Autopilot pump
Hull finished with gloss white polyurethane paint
135 USG (510 liters) Stainless steel Fresh Water tank
CO detector
Two access hatches to aft engine room area (transmissions)
Three sole hatches to access shaft seals and shower sump pump
Curtains

AFT SHOWER COMPARTMENT

Toiletries locker and shelf
FRP shower stall with auto sump pump, seat and lockers
Grohe shower mixer
Opening window
Teak grate sole
Low voltage light

AFT HEAD

Large bowl electric toilet, with fresh water flush
Valve to select head discharge
Low voltage light
Corian counter top with porcelain basin
Beveled-edge mirror
Low voltage lighting
Storage cabinets
Opening window
Teak grate sole

FORWARD STATEROOM

Twin berths, 6ft (1.82m) long
Foam mattress
Upholstered Headboards
Lockers under each berth
Cave lockers above each berth
American cherry door
Low voltage overhead lights
Berth reading lights.
CO detector
Curtains

FORWARD HEAD

CE approved hatch/skylight with Oceanair insect and black-out screen
FRP shower stall with auto sump pump, seat and lockers
Toiletries shelf
Storage cabinets
Corian counter top with porcelain basin
Grohe shower mixer
Beveled-edge mirrors

Low voltage lighting
110v AC GFI outlet (European model 230v AC, outlet RCD protected)
Manual flush toilet.
Stainless steel towel rail
Stainless steel hanging rail

SYSTEMS

STEERING

Ultraflex hydraulic steering
Bronze rudders

ENGINE CONTROLS

Electronic single lever controls at both stations

MACHINERY

Twin Volvo D4-300 HP Engines, with engine instrumentation at pilothouse & flybridge helm stations
HS80AE Transmissions (2.43:1 reduction ratio)
Coolant recovery tanks on main engines
Clements Engineering 4-blade propellers
1 3/4" diameter Shafts
Cutless-type shaft bearings
Shaft struts A-Brackets
Dripless shaft seals
Bennett trim tabs with indicators and controls in Pilothouse and Flybridge

FUEL SYSTEM

Fuel filters. Racor 500 ME for main engines.
2 Fiberglass fuel tanks made of vinylester and fire retardant resins
Total fuel capacity 290 USG (1097 Liters)
Remote emergency fuel shut-off device for both tanks

PLUMBING

SANITARY

Planus electric heads
Anti-odor filter on holding tank vent
39 USG (147 Liters) FRP Black water tank
12v DC Johnson macerator pump
Black water tank suction deck fitting on side deck

FW SYSTEM

135 USG (510 Liters) total in stainless steel tank
12v DC Fresh water pump
5.8 USG (22 Liters) water heater with 220v AC heating element and heat exchanger coil plumbed to stbd engine, temperature/pressure release valve.
Whale brand plumbing
Johnson FW pump
Johnson shower sump pumps

BILGE SYSTEM

Two electric bilge pumps with auto/man control
Manual bilge pump for engine room bilge compartment
Hi-level bilge alarms (engine room & forward bilge)

ELECTRICAL

ELECTRICAL – AC

Load distribution panel
Digital AC meter (volts, amps, watts and frequency)
Circuit breakers as required
110/220v, 50 amp shore power inlet (European model 230v, 50Hz, 32A inlet)
AC outlets throughout
Vimar light switches and AC outlets with brushed stainless steel faceplates
Tinned copper wire used throughout
110v, 30 amp & 220v, 50 amp - 40ft (12m) length Shorepower cords with Marinco connectors (Euro shorepower cord is 230v, 32 amp)
Charles Isolation transformer (60Hz model includes 110v to 220v step-up feature, allowing 110v or 220v shorepower to be connected)

ELECTRICAL – DC

Main ships system 12v DC.

Isolated battery banks – all batteries are sealed Lifeline brand AGM type

Battery disconnect and selector switches accessible from outside engine room

Mastervolt battery charger for engine/genset & house battery banks (12v)

Back-lit DC load distribution panel with circuit breakers.

Digital DC Voltmeter

300 A/H house battery bank - 2 pcs Lifeline GPL-6CT AGM (6 volt) batteries

300 A/H Engine battery bank

Tinned copper wire used throughout

ELECTRICAL – BONDING

Cable bonding system connecting all thru-hulls, underwater fittings, pulpit and flybridge rails – (equipotential bonding system)

Zincs on hull underside (2)

Zincs on trim tabs (2)

ENTERTAINMENT SYSTEMS

Fusion Radio/CD/DVD player & iPod dock at lower helm with remote control on flybridge

Stereo speakers on salon

Marine grade water proof speakers on flybridge

NAVIGATION ELECTRONICS

Raymarine C120W displays at both main helm and flybridge

Raymarine 4Kw 18” Radar

Raymarine GPS

Raymarine ST70 Speed/Depth Multifunction displays at main helm and flybridge

Raymarine ST70 Autopilot System

Raymarine 240E Class D DSC VHF Radio at main helm and flybridge with remote mounted speakers

AFTERWORD

The question most manufacturers ask themselves when considering a new feature is whether it is necessary to include it in order to sell the boat. In the case of the Corvette, we ask only whether its inclusion will make the boat safer, better or more convenient.

For that reason Corvette Marine reserves the right to make changes to specifications and equipment without notice.