506 MOTOR YACHT

CARVER® YACHTS
LOA (w/platform) 51'7" 15,72 m
Beam 15'4" 4,67 m
Draft 54" 1,37 m
Bridge Clearance w/arch 20’10" 6,35 m
Weight (w/fuel & water) 47,900 lbs. 21727,44 kg
Water System 158 U.S. gals. 598,09 liters
Waste System 95 U.S. gals. 359,61 liters
Fuel System 510 U.S. gals. 1930,55 liters
Twin inboards (diesel) 6’5” 1,96 m
Cabin Headroom 6 (8 optional)
Sleeps 6 (8 optional)

STANDARD FEATURES

CONSTRUCTION
- Structural engine mountings - longitudinal stringer span mounting with reinforced, gusseted, welded perpendicular steel plates
- Fabricated aluminum floor frames with stainless steel stanchions
- Hand-laid, molded fiberglass components featuring composite laminate hullsides, decks, and cabintops
- Molded fiberglass stringer system
- Cherry wood bulkheads, cabinetry, and trim throughout cabin, with high glass finish
- Solid fiberglass hull bottoms with Knytex substrates and Vinylester barrier coat
- Tinted, tempered safety glass frameless window systems
- Unitized deck and cabintop construction with integral aluminum truss reinforcement in cabintop structure

WATER & WASTE SYSTEMS
- Fresh water system - pressurized (12V)
- Fresh water storage tanks (3) - polyethylene, 158 gallons total
- Shore water connection with pressure-reduction valve
- Shower sump pumps (2) - automatic/manual operation
- Water and waste lines - constructed of molecularly cross-linked polyethylene
- Waste holding tanks (2) - with dockside pumpouts, 95 gallons total
- Water heater - 20 gallons (110V)
- Battery chargers (2) - electronic, AC-DC converters
- External connectors - CATV, telephone
- Generator - 10.0 kW, diesel
- Ground Fault Circuit Interrupt (GFCI) protection - all 110V outlets
- Inverter
- Shore power connector - 50 amp
- Shore power cord - 50 ft.
- Wiring system - tinned copper strand wire, harnessed, color-coded, labeled, meets or exceeds ABYC standards

SAFETY & NAVIGATION
- Anodes - zinc, sacrificial
- Battery master disconnect switches
- Battery restraint boxes
- Bilge blowers (12V)
- Bilge pumps (4) - 2000 gph each, automatic/manual operation
- Brass valves for all underwater thru-hulls
- CO detectors in salon and staterooms
- Compass - illuminated
- Engine alarms - temperature and oil pressure
- Fire suppression system - automatic, FE241 (FM200 in European Community)
- Galvonic Isolator/Zinc saver
- Horns - dual, air/electric (12V), trumpet
- Internal bonding system
- Isolation transformers on the internal shore power lines
- Molded nonskid surfaces on all walk decks - diamond pattern
- Navigation lights (COLREGS)

BRIDGE
- 110V outlet - GFCI protected
- Grab rails (3) - stainless steel, on outboard bulkheads
- Hardtop over entire bridge
- Lights (6) - halogen, overhead, recessed
- Lights (2) - halogen, courtesy, recessed
- Lounge - L-shaped, aft, with storage beneath, accommodates 4 adults
- Lounge - double-wide, starboard side, with storage beneath
- Self-draining walk surface
- Storage lockers (3)
- Sun roof - tinted, powered
- Wet bar - self-draining designer countertop with integral sink, preparation surface, and bottle storage beneath
- Access panel - provides access to wiring in helm console
- Beverage holders (3) - recessed, self-draining
- DC distribution panel - bridge 12V systems
- Grab rails (2) - stainless steel, on either end of helm
- Helm - adjustable, triple-wide, high-quality marine-grade upholstery, embroidered stitching
- Helm seat - adjustable, triple-wide, high-quality marine-grade upholstery, embroidered stitching
- Helm seat - adjustable, triple-wide, high-quality marine-grade upholstery, embroidered stitching
- Lights (2) - halogen, courtesy, recessed
- Lights - halogen, night operations, red illumination
- Stereo speakers (2)
- Telephone connector
- Tilt steering wheel
- Windshield - full height, aluminum frame, with 1 wiper
- Multi-gauges (1 per engine) - oil pressure, engine temperature, engine battery voltage, fuel level
- Rocker switch controls

DECK
- 110V outlet - GFCI protected
- 118 ft^2 (approx.), integral to deck
- Command bridge stairway - integral to deck with 2 stainless steel hand rails
- Electronics arch - custom aluminum with acrylic polyurethane surface coating and UV protection
- Electronics arch access plates (5) - corrosion-resistant polymer attached with noncorroding screws and waterproof sealant
- Enclosure - soft sides and soft back, for entire aft deck
- Grab rail - 20” stainless steel, above storage locker
- Hardtop over entire aft deck
- Hardtop roof access - fold-down stainless steel ladder secured by latch and 3 cotter pins; tinted, lockable hatch
- Lights (5) - halogen, overhead, recessed, with exterior-mounted switch
- Stereo speakers (2)
- Storage locker - double doors, 2 shelves
- Transom door - secures open and closed, acrylic in aluminum frame, stainless steel hardware
- Wing doors (2) - secure open and closed, acrylic in aluminum frame, stainless steel hardware, provide access to the side decks

Sides Decks
- Bow rail - 1.25” O.D., lineal-buffed, welded stainless steel, with additional intermediate rails
- Bow rail stanchions - double welded (inside and outside), stainless steel, anchored to aluminum backing plates laminated into deck
- Cleats (4) - 1”0” Spring, stainless steel, through-bolted through aluminum backing plate
- Deck toe rail

ELECTRICAL
- AC/DC distribution panels with magnetic circuit breakers and integral generator and bilge blower controls; AC outlets; AC ammeters
- Batteries (5) - deep cycle, marine (12V)
- Gauges - combination synchronizer/rudder angle, digital tachometer (1 per engine)
- Generator - 10.0 kW, diesel
- Internal bonding system
- Isolation transformers on the internal shore power lines
- Molded nonskid surfaces on all walk decks - diamond pattern
- Navigation lights (COLREGS)
- Shore power connector - 50 amp
- Shore power cord - 50 ft.
- Wiring system - tinned copper strand wire, harnessed, color-coded, labeled, meets or exceeds ABYC standards

MECHANICAL
- Cutlass bearings - synthetic rubber composite
- Propeller shafts - aquamet
- Rudder - 421 manganese bronze
- Seawater strainers
- Struts - 421 manganese bronze
- Bilge blowers (12V)
- Bilge pumps (4) - 2000 gph each, automatic/manual operation
- Brass valves for all underwater thru-hulls
- CO detectors in salon and staterooms
- Compass - illuminated
- Engine alarms - temperature and oil pressure
- Fire suppression system - automatic, FE241 (FM200 in European Community)
- Galvonic Isolator/Zinc saver
- Horns - dual, air/electric (12V), trumpet
- Internal bonding system
- Isolation transformers on the internal shore power lines
- Molded nonskid surfaces on all walk decks - diamond pattern
- Navigation lights (COLREGS)
• Telephone connector
• Sofa - Flexsteel, chamois UltraLeather, with storage beneath
• Rocker light switches
• Miniblinds - décor-matched
• Master stateroom stairway - integral
• Lounge - Flexsteel, chamois UltraLeather, with double lights (5) - halogen, overhead, recessed
• Room - secures closed, stainless steel hardware
• Hardware highlights - brass/chrome
• Rocker light switches
• Towel sets (4) - bath towel, hand towel, and washcloth

Vanity Area
• 110V outlets (2) - GFCI protected
• Lights (2) - halogen, overhead, recessed
• Medicine cabinets (2) - 3 shelves each
• Mirror - above vanity
• Mirror - secured closed, stainless steel hardware
• Hardware highlights - brass/chrome
• Rocker light switches
• Skylight - 12" diameter
• Soap dish - wall-mounted, solid glass
• Toilet - electric flush, pedestal
• Toilet paper holder
• Towel ring
• Vanity - solid surface top and backsplash with integral sink, 2 shelves beneath with 2 doors

Water Closet
• Entrance door - secures closed, stainless steel hardware
• Head fan
• Light - halogen, overhead, recessed
• Portlight - screened, privacy glass
• Storage cabinet
• Toilet - electric flush, pedestal
• Toilet paper holder
• Towel bar - 19"

Shower/Tub Stall
• Designer shower curtain - décor-matched
• Designer waterfall tub spigot
• Entrance door - secures closed, stainless steel hardware
• Hand shower - retractable, wall-mounted holding bracket
• Integral bench seat
• Lights (2) - halogen, overhead, recessed
• Portlight - screened, privacy glass
• Towel bars (2) - 19"
• Entrance door - secures closed, stainless steel hardware
• Hardware highlights - brass/chrome
• Lights (2) - halogen, directable, recessed, reading
• Lights (2) - halogen, overhead, recessed
• Hardware highlights - brass/chrome
• Lights (2) - halogen, overhead, recessed
• Mirror - above vanity
• Mirror - secured closed, stainless steel hardware
• Hardware highlights - brass/chrome
• Rocker light switches
• Skylight - 11" diameter
• Solid surface countertops
• Storage - beneath berths
• Storage cabinets (2)
• Storage drawers (2)

FORWARD STATEROOM
• 110V outlets (2) - GFCI protected
• Bedside shelves (2) - cherry wood
• Berth - queen, island
• Carpet - beige, tufted cut pile, 65 oz., crush-resistant, 100% nylon
• Designer curtains - décor-matched
• Designer décor
• Entrance door - secures closed, integral door stop, stainless steel hardware
• Hanging lockers (4) - cedar-lined, 19" and 9" hanging bars, automatic light
• Hardware highlights - brass/chrome
• Lights (2) - halogen, directable, recessed, reading
• Lights (6) - halogen, overhead, recessed
• Overhead hatch - 20" diameter, lockable, inside screen, over berth
• Portlights (3) - screened
• Rocker light switches
• Sheet set - fitted sheet, flat sheet, and two pillow cases
• Skylight - 11" diameter
• Solid surface countertops
• Storage - beneath berths
• Storage cabinets (2)
• Storage drawers (2)

THIRD STATEROOM HEAD
• 110V outlet - GFCI protected
• Entrance door - secures closed, stainless steel hardware
• Hardware highlights - brass/chrome
• Head fan
• Light - halogen, overhead, recessed
• Lights (2) - halogen, overhead, recessed
• Medicine cabinets (2) - 2 shelves
• Portlight - screened, frosted glass
• Rocker light switch
• Sink spigot detachable for use as handshower
• Storage cabinet - over vanity, mirrored doors
• Toilet - electric flush, pedestal
• Toilet paper holder - mounted under vanity
• Vanity - solid surface top and backsplash with integral sink, 2 shelves beneath with 2 doors

FORWARD HEAD
• 110V outlet - GFCI protected
• Clothes hooks (dual) - wall-mounted

THIRD STATEROOM
• 110V outlet - GFCI protected
• Entrance door - secures closed, stainless steel hardware
• Hardware highlights - brass/chrome
• Head fan
• Lights (2) - halogen, over vanity, recessed
• Linen locker
• Medicine cabinet - mirrored, 3 shelves
• Mirror - overhead, recessed
• Rocker light switches
• Skylight - 12" diameter
• Soap dish - wall-mounted, solid glass
• Toilet - electric flush, pedestal
• Toilet paper holder
• Towel ring
• Vanity - solid surface top and backsplash with integral sink, 2 shelves beneath with 2 doors
### Owner Preference Items

#### Propulsion
- Diesel Engines
  - Cummins 450C
  - Cummins QSM11 - 535 hp
  - Cummins QSM11 - 635 hp
  - Volvo TAMO 74P EDC
  - Volvo D12 EDC - 675 hp

#### Mechanical
- Bow thruster
- Engine oil change system
- Synchronizer for Cummins 450C engines

#### Electrical
- Cablemaster for shore power

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- Bow thruster
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#### Electrical
- Cablemaster for shore power

### Water & Waste Systems
- Fresh water tank level monitor
- Grey water holding system
- Hot and cold cockpit handshower
- Waste tank level monitor
- Waste tank overboard discharge system

#### Transom and Bow Washdowns
- Both fresh and seawater
- Fresh water
- Seawater

#### Head
- Electric flush - fresh water
- Vacuum flush

### Safety & Navigation
- Autopilot
- Electronics package
- Maxwell 2200 WVC Lo Profile windlass with 44 lb. anchor and 200 ft. of 3/8" chain
- Portable fire extinguisher
- Single station spotlight

#### Spare Propellers and Shaft
- For Cummins 450C engines
- For all Cummins QSM11 engines and Volvo TAMO 74P and D12 EDC engines (high performance props)

### Exterior Amenities
- Air conditioning (48,000 BTU) with reverse cycle heat, for bridge and aft deck (available only with the hard side bridge enclosure and the hard side and hard back aft deck enclosure)

### Cabin Amenities - Salon
- Air conditioning (58,000 BTU) with reverse cycle heat, dual shore power connectors
- Carpet - designer beige

### Decor
- Pacific Sky (includes coordinated countertops)
- Emerald Seafoam (includes coordinated countertops)
- Sandstone Sculptures (includes coordinated countertops)
- Captain's navy
- Toast

### Cabin Amenities - Galley
- Dishwasher
- Trash compactor
- 3-Burner electric range only

### Cabin Amenities - Forward & Aft
- Stereo - in master stateroom
- TV - 13" color with remote control, in forward stateroom
- TV - 20" color with remote control, in master stateroom
- VCR - in forward stateroom
- VCR - in master stateroom
- Washer and dryer - stacked, in third stateroom

### Miscellaneous
- Loading charge
- Shipping cradle
- Shrink wrap