

# 520

SEDAN BRIDGE

Sea Ray  
2010



## SPECIFICATIONS

Overall length w/std.extended swim platform	52'3"	16 m
Overall length w/optional hydraulic swim platform	56'5"	17.2 m
Beam	15'3"	4.65 m
Draft (inboards)	51"	130 cm
Dry weight	42,000 lbs	19,051 kg
Fuel capacity	500 gal	1,892 L
Water capacity	140 gal	530 L
Holding tank	68 gal	257 L
Dead rise	15°	15°

*The specification measurements are approximations and subject to variance.*

## HIGHLIGHTS

- Standard bridge refrigerator
- Molded fiberglass bridge stairs
- Twin thigh-rise helm chairs with up/down feature
- Sirius® satellite receiver with antenna (N/A outside N. America)
- High-water bilge pump and alert system at helm
- Optional Total Command™ System
- Standard dual Raymarine® E120 units with 4-kW high definition radar
- Master and port staterooms, with 20" LCD flatscreen TVs
- Innerspring mattresses in master and port staterooms
- Wood flooring in galley and dinette
- Solid-wood dinette tabletop
- Full galley with microwave, coffeemaker, and refrigerator/freezer
- Standard wood flooring in guest head
- Two full heads with separate showers
- Fiberglass hardtop with overhead hatch and electronics box
- Bridge Isenglass enclosure with U-zips
- Dripless shaft logs with extra seal carrier kit
- Potable water manifold system with individual system shutoff valves
- Sea Ray Owners Club™ membership (available in USA & Canada)

## FEATURES AND STANDARD EQUIPMENT

### HULL & DECK FEATURES

Bottom Paint  
Bow Rail, 316 Stainless Steel w/Welded Stanchions, Intermediate Rails & Life Lines  
Cleats, Custom Sea Ray® Thru-Bolted - Bollard Style, Stainless Steel (10)  
Deck Fill Plates, Stainless Steel  
Deck Rails, 316 Stainless Steel  
Gel Coat, Arctic White  
Graphics, Striping  
Handrails, 316 Stainless Steel  
Hatch, Deck Vent - Translucent w/Locks & Sky Screen Cover (Trapezoid)  
Hull Windows, Stainless Steel - (2 Fixed)  
Lights, Navigation  
Portlights, Stainless Steel (2 Opening, 2 Fixed)  
Resin, High-Performance Vinyl Ester  
Rub Rail, PVC w/Stainless-Steel Insert  
Storage, Transom Wall (For Fenders & Gear)  
Swinger System, Fiberglass Hatman  
Swim Platform, Integral/Extended w/Concealed Stainless-Steel  
Four-Step Swim Ladder w/Integral Grab Handle

Thru-Hull Fittings, Stainless Steel  
Vent System, Engine Room - Integral  
Windshield, Bridge Venturi (Aluminum Framed)  
Windshield, Tempered/Tinted Curved Glass - (Bonded-In) w/Deck Side Windows

#### Canvas (Sunbrella®):

Aft Curtain  
Hardtop Enclosure  
Windshield Shades  
**Windlass System:**  
Anchor, Galvanized  
Anchor Chute, Stainless Steel  
Anchor Rope/Chain Storage w/Gas-Assisted Hatches  
Anchor Washdown Spigot w/Hose  
Windlass, Rope/Chain w/Foot Switches

#### Certifications:

Meets Applicable USCG & ABYC Standards  
NMMA Certifications

### COCKPIT FEATURES

Carpet Liner, Snap-In  
Door, Cabin Entry (Sliding & Lockable w/Screen) - Stainless Steel  
Door, Transom - Acrylic  
Floor Liner, Self-Bailing Fiberglass w/Gas-Assisted Engine Room Service Hatch  
Handrails, 316 Stainless Steel

Lighting, Indirect 12V  
Outlet, 120V GFI Protected  
Rod Holders (2)  
Seating, Aft Bench (Recessed Into Transom Wall)  
Steps, Boarding (Molded-In)  
Storage, Side Panels - Port & Starboard

### BRIDGE FEATURES

Beverage Holders (6)  
Carpet Liner, Snap-In  
Handrails, 316 Stainless Steel  
Hardtop, Fiberglass w/Vent Hatch w/Sky Screen Cover & Overhead Lighting w/Electronic Dimmer & Red Night Lighting  
Hatch, Bridge Access  
Lighting, Multi-Color LED  
Outlet, 12V Accessory  
Outlet, 120V GFI Protected  
Outlet, Cable TV  
Refrigerator, 120V  
Seating, Helm (2) w/Armrests, Reclining Backrests, Stainless-Steel Fold-Down Footrests & Heavy-Duty Pedestals w/Slides, Swivels & Pneumatic Vertical Adjustment  
Seating, U-Shaped w/Storage Below - Forward

Ship's Bell  
Steps, Molded Bridge Access w/Storage Below  
Stereo, Sony® 12V AM/FM w/Single CD, Sirius® Satellite Receiver w/Antenna, iPod® Interface w/Docking Station, MP3 Port, Amplifier, Subwoofer, Speakers (4 Bridge, 2 Cockpit) & Digital Bridge Remote Control  
Storage, Glove Box  
Storage, Helm Access Door - Starboard  
Table, Fiberglass w/Teak Insert & Sun Pad Filler Cushions w/Dedicated Storage  
Wet Bar w/Sink, Faucet, Solid-Surface Countertop, Stainless-Steel Handrail, Trash Receptacle w/Trash Chute & Storage Cabinet - Port Forward

### CABIN FEATURES

Blinds, Wood  
Carbon Monoxide Monitors  
Carpet, Masland® 55-Ounce 100% Stainmaster® BCF Nylon w/Dupont® Advanced Teflon Repel System  
Carpet Runners, Interior (Sunbrella)  
Curtains, Custom Throughout  
Doors, High-Gloss Solid Wood  
Handrails, Stainless Steel  
Lighting, 12V Xenon  
Lighting, 12V Indirect  
Lighting, 120V Xenon (Low-Voltage AC)  
Outlets, 12V Accessory  
Outlets, 120V GFI Protected  
Outlets, Phone  
Outlet & Switch Plates - Polished Chrome Finish  
Pillows, Accent  
Storage, In-Floor  
Wood Interior Finish - High Gloss Light or Dark Cherry Lingnapal

#### Salon:

Entertainment Center  
- Bose® Lifestyle 48, 5.1-Channel Home Theater System Includes: Bose Media Center (Interfaced w/Sirius® Satellite Receiver), 4 Jewel Cube Speakers, Horizontal Center Channel Speaker & Acoustimass® Module  
- Storage Cabinet - CD & DVD  
- TV, 32" Flatscreen LCD HDTV  
- RTI-T3 Universal Remote Control  
Ottomans, (2) Movable w/Dual-Purpose Tops (Cushions or Cocktail Tables) & Storage Below  
Seating, Curved Sofa (Ultraleather™) w/Storage Below - Port  
Seating, Loveseat (Ultraleather) w/Storage Below - Starboard

#### Dinette:

Flooring, Wood (Light or Dark Maple)  
Seating, L-Shaped (Ultraleather) w/Storage Below  
Storage Cabinet w/Solid-Surface Top & Slide-Out Pantry  
Table, Dinette w/High-Gloss Wood Surface, Swivel Base & Storage Cabinet Below

#### Galley:

Coffeemaker, 120V  
Countertop, Solid Surface w/Stainless-Steel Sink, Single-Lever Faucet w/Pullout Spray Head & Solid-Surface Sink Cover  
Flooring, Wood (Light or Dark Maple)  
Microwave/Convection Oven w/Stainless-Steel Face - 120V  
Power Vent, 12V  
Refrigerator/Freezer, Under Counter w/Icemaker & Stainless-Steel Front - 120V  
Storage, Drawers w/Cutlery Insert  
Storage, Upper & Lower w/Designated Plate & Glass Storage  
Storage, Utility Area w/Electrically-Actuated Hatch & Storage Bins w/Dedicated Racks  
Stove, Two-Burner (Recessed) w/Solid-Surface Cover - 240V  
Trash Receptacle

#### Master Stateroom:

Bed, Full-Size Island-Style w/Innerspring Mattress, Pillows, Sheets, Coordinated Spread & Drawer Storage Below  
Entertainment Center:  
- Bose® Lifestyle 3-2-1, 2.1-Channel Home Entertainment System Includes: Bose Media Center, 2 Gemstone Speaker Arrays & Acoustimass Module  
- TV, 20" Flatscreen LCD  
- RTI-T3 Universal Remote Control  
Hanging Lockers (2) w/Lights (Port & Starboard)  
Mirrored Rope Locker Bulkhead Storage, Gunwale Shelves

#### Master Stateroom Head/Shower:

Bath Accessories, Towel Rings (2), Bathroom Tissue Holder & Soap Dish  
Flooring, Wood (Light or Dark Maple) - Head Area Only  
Handrails, Stainless Steel  
Head (VacuFlush®) - Electric  
Mirrored Privacy Door  
Power Vent, 12V  
Robe Hook, Head Door  
Shower w/Seat, Adjustable Shower Wand & Circular Acrylic Door  
Storage, Medicine Cabinet - Mirrored  
Storage, Towel Cabinet  
Vanity w/Solid-Surface Countertop, Undermount Stainless-Steel Sink, Faucet & Storage Below

#### Port Stateroom:

Bed, Full-Size w/Innerspring Mattress, Pillows, Sheets, Coordinated Spread & Storage Below w/Gas-Assisted Hatch  
Hanging Locker w/Light & Drawer Storage  
Mirrors, Wall Accent  
Skylight, Rectangular  
Storage, Side Shelf  
TV, 20" Flatscreen LCD w/DVD Player

#### Guest Stateroom:

Beds, Upper & Lower Bunks w/Mattresses, Pillows, Sheets, Coordinated Spreads & Carpeted Storage Below (Lower Bunk)  
Hanging Locker w/Light & Drawer Storage  
Skylight, Rectangular  
Storage, Gunwale Cabinet

#### Guest Head/Shower:

Bath Accessories - Towel Rings (2), Bathroom Tissue Holder & Soap Dish  
Flooring, Wood (Light or Dark Maple) - Head Area Only  
Handrails, Stainless Steel  
Head, (VacuFlush®) - Electric  
Mirrored Privacy Door  
Power Vent, 12V  
Robe Hook, Head Door  
Shower w/Seat, Adjustable Shower Wand & Acrylic Door  
Storage, Medicine Cabinet - Mirrored  
Vanity w/Solid-Surface Countertop, Undermount Stainless-Steel Sink, Faucet & Storage Below

## TECHNICAL FEATURES

### Control Station:

Compass  
Emergency Start System - Engines  
Horn, Air - 12V  
Instrument Panels - High Gloss  
Shift & Throttle Controls - Electronic  
SmartCraft® Diagnostics:  
- Instrumentation, Custom  
Sea Ray® SmartCraft w/Low-Glare Blue Night Lighting & Chrome Bezels  
- 4-in-1 Multigauges (2) (Includes: Fuel Level, Oil Pressure, Voltmeter & Water Temperature)  
- Tachometers (2)  
SmartCraft VesselView Display:  
- Propulsion: Engine Hour Meters, Engine Status, Performance & Fuel, Peak Performance, Boost Pressure (Optional), Troll Control & Cruise Control  
- Vessel: Vessel Status, Tank Status, Steering Position & Generator Data  
- Environment & Navigation: GPS Interface, Depth & Water Temperature, Depth Alerts, Trip Log Information, Fuel to Waypoint Data & Navigation Data  
- Active Alarms/Details  
- Alarm History/Details  
Spotlight w/Dual Halogen Bulbs - Remote Controlled (ACR®)  
Steering Wheel, Power Assisted w/Tilt Wheel  
Switch Panel, Backlit - High Gloss  
Switches, Illuminated Weatherproof  
Rockers & Electronic Dimmer Control  
Systems Monitor, Digital LCD (For Pump Monitoring)

### Electronics:

Raymarine® E120 - 12.1" Color LCD Radar/GPS/Chartplotter w/Integrated 4-kW Open Array Scanner - Primary Display  
Raymarine E120 - 12.1" Color LCD GPS/Chartplotter - Auxiliary Display  
Autopilot, Raymarine Raypilot ST 8002+  
VHF Radio, Raymarine 240 w/Remote Speaker & 8' Fiberglass Antenna  
Electronics Circuit, 12V/50 Amp

### Electrical Systems:

Batteries, 8-D w/Boxes (2)  
Battery Charger/Converter, 120V/50 Amp/12V  
Battery Charger Overcurrent Protection  
Battery Solenoid Switches, 12V (3)  
Cable Television System w/Inlet (Includes Phone Inlet & Phone Shore Cord), TV Shore Cord, Coax Outlets, Gain Control & Antenna  
Panel, Circuit Breaker - Remote  
Panel, DC Main Breaker  
Panel, Main Distribution - AC  
Panel, Main Distribution - DC  
Shore Power, Cablemaster™ (Glendinning) 240V/50 Amp w/75' Cord & Wireless Remote (Cablemaster N/A w/220V/50 Cycle Shore Power)

Transformer, Shore Power Isolation - 240V/50 Amp  
Wiring, Color-Coded w/Chafe Protection

### Generator:

17 kW Onan® - Diesel (240V/60 Cycle) w/Sound Shield, Remote Start, Muffler, Closed Cooling, Fuel Filter, Seacock & Seawater Strainer

### Air Conditioning/Heating:

Zone-Controlled Reverse-Cycle System, 240V (41,000 BTU)  
Custom Integral Vent System

### Engine Room:

Bilge Pumps, 12V Automatic (2)  
Bilge Pumps, 12V Automatic High-Water (2 Bilge, 1 Cabin)  
Blowers, 12V Bilge (2)  
Engine Drip Sumps  
Exhaust, Power Pac/Lift System Mufflers  
Fire Suppression System - Automatic w/Diesel Shutdown, Override & Manual Pull  
Flooring, Fiberglass Diamond Plate  
Freshwater Cooling  
Gel-Coated Engine Room (Oyster) Insulation, Engine Room - 2" w/Loaded Vinyl Barrier  
Ladder, Stainless Steel - Removable Lighting, 12V  
Oil Changer System - Engines, Transmissions & Generator

### Fuel System:

Crossover Fuel System (Generator Only)  
Fuel Filters (3), Racor® - (2) 75-900MAX for Engines (1) 500MA for Generator  
Fuel Lines, USCG - Type A-1  
Fuel Tanks, Aluminum w/Ultrasonic Sending Units & Manual Shut-Off Valves

### Water System:

Freshwater Washdown Spigots w/Hoses - Transom, Engine Room & Anchor Locker  
Pressure Water System w/12V Pump & Charcoal Filtration System  
Shower, Cockpit - Single-Lever Hot & Cold w/Stainless-Steel Door, Braided Hose & Ergonomic Shower Wand  
Water Heater, 240V (20 Gallon)  
Water Inlet, Dockside  
Water Manifold System

### Waste Systems:

Central Drain System  
Head System (VacuFlush®) - Electric  
Holding Tank Level Indicators - MDP & Heads  
Holding Tank w/Dockside Pump-Out (68 Gallon)  
Sump Box w/Automatic Pump & Hinged Service Lid

### Underwater Gear:

Bonding System w/Zinc Hull Plate  
Propeller Shafts, 2 1/2" Stainless Steel (2) - Aquamet 22  
Propellers, Nibral 4-Blade

Rudders, Manganese-Bronze w/Stainless-Steel Posts  
Seacocks on All Underwater Fittings  
Seawater Strainers

Shaft Logs, Dripless w/Extra Seal Carrier Kit  
Struts, Manganese-Bronze  
Trim Tabs, Hydraulic

## STANDARD PROPULSION

T-Cummins MerCruiser QSM-11 Diesel Inboards w/ETS (T-640 php - 477 kW)

## OPTIONS AND ACCESSORIES

### OPTIONAL PROPULSION

**Twin Diesel Inboards:**  
T-MAN® R6-800-CRM (T-776 php - 578 kW)

T-Cummins MerCruiser QSM-11 DTS (T-640 php - 477 kW)  
(SmartCraft® Systems N/A on MAN Engine Application)

### GENERATOR OPTION

11.0 kW Onan® - Diesel, 220V/50 Cycle (Int'l)

(Generator Manufacturer & Size May Vary Due To Product Availability)

## ELECTRONICS OPTIONS

FLIR, Thermal Imaging Camera

**Raymarine® Individual Options:**  
Raymarine G120 - 12.1" Color LCD Radar/GPS/Chartplotter w/Integrated 4-kW HD Open Array Scanner - Primary Display  
Raymarine G120 - 12" Color LCD GPS/Chartplotter - Auxiliary Display  
Raymarine DSM 300 Fishfinder Module  
Raymarine Network Interface Cameras (Bilge & Cockpit)  
Raymarine Sirius Weather Module  
Raymarine ST-60 Depth Display

### Lower Control Station

#### Electronics Options:

Raymarine Individual Options:  
Raymarine E120 12.1" GPS/Chartplotter (Networked w/Upper Control Station Primary Display)

## INDIVIDUAL OPTIONS

Alternate Cockpit Layout 1 - Removable Aft Seat w/Transom Fishbox (In Lieu of Recessed Aft Seat)  
Alternate Cockpit Layout 2 - L-Shaped Aft Seat w/Transom Fishbox (In Lieu of Recessed Aft Seat)  
Alternate Cockpit Layout 3 - L-Shaped Aft Seat w/Transom Fishbox & Wet Bar w/Built-In Stainless-Steel Grill (240V/60), Recessed Sink w/Lid, Fold-Down Faucet, Solid-Surface Counter Top, Stainless-Steel Drawer Refrigerator (120V/60), Handrail, Trash Receptacle & Storage Cabinet  
Anchor, Polished Stainless Steel - (In Lieu of Galvanized)  
Air Conditioning/Heating (24,000 BTU) - Bridge  
Bow Thruster  
Bow & Stern Thruster  
Canvas, Aft Sunshade  
Canvas, Dash Cover

Canvas, Rigid (Forward & Aft)  
Canvas, Rigid (3 Forward Sections)  
Carpet Upgrade, Fabrica® 97-Ounce Stainmaster® Grand Luxura 100% Invista Tactesse BCF Nylon  
China Place Settings, Glasses & Flatware Set w/Custom Dedicated Storage - Includes: 6 Accent Plates, 6 Dinner Plates, 6 Dessert Plates, 6 Coffee Mugs, 6 Rice Bowls, 8 Rocks Glasses, 8 Wine Glasses, 8 Piece Highball Glasses & 45 Piece Flatware Set  
Colored Hull - Blue or Black  
Custom Fabric Upgrade - Cabin Desalinator  
DSS Satellite TV System - Receivers in Salon & Master Stateroom  
Flooring, Teak - Cockpit & Bridge Steps  
Flooring, Teak - Swim Platform (Integral & Extended)  
Flooring, Tile - Port & Starboard Heads  
Flooring, Wood (Light or Dark)

## INDIVIDUAL OPTIONS

Maple) - Salon Floor  
 Gray Water System  
 Icemaker, 120V - Cockpit  
 Lights, Underwater - Transom (4)  
 Live Baitwell System (N/A w/Wet Bar  
 Cockpit Layout)  
 Lower Control Station  
 Macerator w/Seacock Interlock  
 System  
 Passerelle System - Transom  
 Pots & Pans, Stackable Kenyon®  
 Propellers, Spare w/Holder (Pair)  
 Rod Holders (2 Additional - 4 Total)  
 Salon Sofa w/Pullout Bed -  
 Starboard  
 Satellite Telephone  
 Seating, Aft Bench w/Fiberglass  
 Storage Base - Bridge  
 Sun Pad, Forward Deck - Recessed  
 w/Adjustable Backrest  
 Swim Platform, Hydraulic Marine Lift  
 w/Remote & Manual Pump  
 Table & Chairs w/Dedicated  
 Storage - Cockpit  
 Table, Fiberglass - Cockpit  
 Table, High-Gloss Teak w/Vinyl  
 Cover - Bridge (In Lieu of Std.  
 Table)  
 Table, High-Gloss Teak w/Vinyl  
 Cover - Cockpit  
 Table, Salon  
 Tender Package, Mercury® Amanzi™

350 w/30-hp Four-Stroke Engine  
 Total Command™ System (Only  
 Available w/Cummins DTS  
 Engines)  
 Transformer, Shore Power Isolation  
 Boost - 240V/50 Amp  
 TV, 19" Flatscreen LCD w/DVD  
 Player - Bridge  
 TVs (2), 15" Flatscreen LCD  
 w/Remote DVD Player & Gaming  
 System Port - Guest Stateroom  
 Upholstery Upgrade, Promessa  
 Outdoor Ultraleather™ (In Lieu of  
 Vinyl) - Cockpit  
 Vacuum System, Central - Dual Inlet  
 Washer/Dryer Combo, 120V  
 Water Purifier System - Galley &  
 Icemakers  
 Windlass, All-Chain (In Lieu of Std.  
 Rope/Chain)  
 Windlass, Capstan  
 Yacht Flag & Flagpole  
 CE Option



**Bridge Layout**  
 (Shown w/Optional Aft Bench Seat)



**Standard Layout**



**Optional Cockpit Layout 1**



**Optional Cockpit Layout 2**



**Optional Cockpit Layout 3**



**Lower Cabin Layout**

# 520

SEDAN BRIDGE

Sea Ray®  
2010

The 520 Sedan Bridge is so beautifully designed and fully equipped, it's virtually in a class all its own. Outfitted with a fiberglass hardsup, Isenglass enclosure, and optional bridge air conditioning, this impressive yacht demands attention wherever it goes. Elegant features include wood flooring, fully adjustable thigh-rise helm seating, master and port staterooms with flatscreen TVs, and two full head compartments with separate showers.



The control station is equipped with dual Raymarine® E120 units and SmartCraft® diagnostic instrumentation, plus VesselView.



A designer galley features wood flooring, solid-surface countertops, a stainless-steel microwave/convection oven, plus Isotherm® refrigerator/freezer, and much more.



The port stateroom includes a full-size bed with innerspring mattress, hanging locker, privacy door, and 20" LCD flatscreen TV.



The custom-designed master stateroom features a full-size bed with innerspring mattress, two full-length hanging lockers, and a 20" LCD flatscreen TV with remote DVD player.



A luxuriously appointed dining area includes Ultraleather™ seating, high-gloss wood tabletop, wood flooring, and wraparound windows for a spectacular dining experience with a panoramic view.



Specially designed ottomans add comfort and versatility to this graceful salon. Extra features include Ultraleather seating, deep-pile carpeting, and handcrafted wood trim.

Sea Ray Boats, 2600 Sea Ray Blvd., Knoxville, TN 37914. For information, fax 1-636-326-3282. Internet address: <http://www.searay.com>

Note: Not all accessories shown in pictures or described herein are standard equipment or even available as options. Options and features are subject to change without notice. Not all model year boats may contain all the features or meet the specifications described herein. Confirm availability of all accessories and equipment with an authorized Sea Ray dealer prior to purchase. Printed in the U.S.A. August 2009 ©Sea Ray Boats.

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