

2016 SEA RAY L590 FLY — SEA RAY



Builder: SEA RAY

Year Built: 2016

Model: Motor Yacht

Price: PRICE ON APPLICATION

Location: United States

LOA: 59' 0" (17.98m)

Beam: 16' 0" (4.88m)

Max Draft: 4' 9" (1.45m)

Cruise Speed: 26 Kts. (30 MPH)

Max Speed: 36 Kts. (41 MPH)

Our experienced yacht broker, Andrey Shestakov, will help you choose and buy a yacht that best suits your needs 2016 Sea Ray L590 Fly — SEA RAY from our catalogue. Presently, at Shestakov Yacht Sales Inc., we have a wide variety of yachts available on our sale's list. We also work in close contact with all the big yacht manufacturers from all over the world.

If you would like to buy a yacht 2016 Sea Ray L590 Fly — SEA RAY or would like help answering any questions concerning purchasing, selling or chartering a yacht, please call +1(954)274-4435

TABLE OF CONTENTS

TABLE OF CONTENTS	2
SPECIFICATIONS	3
Overview	3
Basic Information	20
Dimensions	20
Speed, Capacities and Weight	20
Accommodations	20
Hull and Deck Information	20
Engine Information	21
PHOTOS	22
CONTACTS	30
Contact details	30
Telephones	30
Office hours	30
Address	30

SPECIFICATIONS

Overview

Additional Specs, Equipment and Information: Boat Name Thinks Its His Specs Hull Shape: Semi-Displacement Dimensions Beam: 16 ft 0 in Maximum Draft: 4 ft 9 in Deadrise: 18 ° at Transom Dry Weight: 64000 lbs Engines Engine 1: Engine Brand: Cummins Engine Model: QSC 8.3 Diesel Engine Type: Inboard Engine/Fuel Type: Diesel Engine Power: 593 HP Engine 2: Engine Brand: Cummins Engine Model: QSC 8.3 Diesel Engine Type: Inboard Engine/Fuel Type: Diesel Engine Power: 593 HP Engine 3: Engine Brand: Cummins Engine Model: QSC 8.3 Diesel Engine Type: Inboard Engine/Fuel Type: Diesel Engine Power: 593 HP Tanks Fresh Water Tanks: (200 Gallons) Fuel Tanks: (1050 Gallons) Holding Tanks: (70 Gallons) Accommodations Number of heads: 4

Manufacturer Provided Description

First impressions can be inspiring and stunning, but the L590 Fly extends that experience from first impression all the way to last. Mastery of the smallest details adds up to a beautiful experience that will stick with you long after you've returned to your shore life. You're left with an overwhelming sense of quality, precision and luxury that truly moves you.

Air Conditioning / Heating

- Custom Integral Vent System
- Directional A/C Vents - Interior
- Zone-Controlled Reverse-Cycle System, 240V

Bridge Control Station

- Alarms, High Water - Bilge & Cabin
- Battery Parallel Start System - Engines
- Compass
- Horn, Air - 24V
- Instrument Panel
- Joystick Control, Zeus
- SmartCraft Digital Throttle & Shift (DTS)
- SmartCraft VesselView Display: GPS Interface, Depth & Water Temperature, Depth Alerts, Trip Log Information, Fuel to Waypoint Data, Navigation Data; Engine Hour Meters, Engine Status, Performance & Fuel, Peak Performance Boost Pressure (optional), Troll Control, Cruise Control; Vessel Status, Tank Status, Steering Position, Generator Data and Start/Stop
- 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)

- Spotlight w/Dual Halogen Bulbs - Remote Controlled
- Steering, Power w/Tilt Wheel
- Switch Panel, Backlit
- Switches, Illuminated Weatherproof Rockers & Electronic Dimmer Control
- Systems Monitor, Digital LCD - For Pump Monitoring

Bridge

- Beverage Holders
- Control Station
- Glove Box
- Handrails, 316 Stainless Steel
- Hatch, Sliding Bridge Access
- Icemaker, 120V
- Lighting, Indirect LED
- Outlet, 120V GFI Protected
- Outlet, 12V Accessory
- Outlet, TV
- Radar Arch
- Seating w/Storage
- Seating, Single Helm Seat & Pedestal with Slide & Swivel Adjustment
- Ship's Bell
- Stereo, 12V AM/FM
- Storage, Under Seating
- Sunpad - Forward of Helm
- Table, Fiberglass - Aft
- Table, Fiberglass - Fwd
- Wet Bar w/Sink, Faucet, Solid-Surface Countertop, Stainless Steel Handrail & Trash Receptacle

Cabin

- Blinds, Custom
- Carbon Monoxide Monitors
- Carpet, 55-Ounce 100% Stainmaster®
- Doors, Wood
- Handrails, Stainless Steel
- Lighting, LED
- Outlet & Switch Plates - Polished Chrome Finish
- Outlets, 120V GFI Protected

- Outlets, 12V Accessory
- Pillows, Accent
- Storage, In-Floor
- Vacuum System, Central - Dual Inlet
- Washer & Dryer, Full Size - Individual

Canvas (Sunbrella)

- Bridge Seating & Console Covers
- Cockpit Seating Covers
- Foredeck Seating Covers
- Windshield Shades

Certifications

- CE, Category B
- Meets Applicable USCG & ABYC Standards
- NMMA Certification

Cockpit

- Beverage Holders
- Door, Cabin Entry, Frameless 4-Pane, Sliding & Lockable w/Flush Threshold
- Floor Liner, Self-Bailing Fiberglass
- Gates, Side Boarding (Port & Starboard)
- Handrails, 316 Stainless Steel
- Hatch, Engine Service - Gas-Assisted
- Lazarette w/Dedicated Storage
- Lighting, LED
- Outlet, 120V GFI Protected
- Seating w/Storage
- Steps, Boarding (Molded-In)
- Steps, Molded Exterior Bridge Access w/Stainless-Steel Handrail & Storage Below

Dinette

- Flooring, Wood

- Seating, Curved w/Storage Below
- Storage, Cabinets with Slide-Out Drawers & Glass Racks
- Table, Dinette with High-Gloss Wood Surface; Folding

Electrical Systems

- Batteries, 8-D Type w/Trays & Group 27 for Genset
- Battery Charger Over-Current Protection
- Battery Charger/Converter, 240V/50 Amp/24V
- Battery Equalizer, 60 Amp (2)
- Battery Solenoid Switches, 12V (2), 24V (2)
- Cable Television System with Inlet, TV Shore Cord, Coax Outlets, Gain Control & Antenna
- Panel, AC Main Breaker
- Panel, Circuit Breaker - Remote
- Panel, Main Distribution - DC
- Shore Power, Cablemaster™ (Glendinning®) 240V/50 Amp
- Shore Power, Secondary, Cablemaster 50 Amp/120V/60 Cycle w/50' Cord
- Transformer, Shore Power Isolation - 240V/50 Amp
- Wiring, Color-Coded w/Chafe Protection

Engine Room

- Bilge Pumps, 24V Automatic
- Bilge Pumps, 24V Automatic High-Water (1 Bilge, 1 Cabin)
- Blowers, 24V Bilge (2)
- Engine Drip Sumps
- Exhaust, Power Pac Lift Muffler System
- Fan, Oscillating - 120V
- Fire Extinguishers
- Fire Suppression System - Automatic w/Diesel Shutdown, Override & Manual Pull
- Flooring, Fiberglass
- Freshwater Cooling
- Gel-Coated Engine Room
- Insulation, Engine Room - 2" w/Loaded Vinyl Barrier
- Ladder, Stainless Steel - Removable/Swing-Away
- Lighting, 24V

Forward Stateroom

- Bed, Queen-Size
- Door, Privacy
- Door, Privacy w/Access to Dedicated Head/Shower
- Flooring, Carpet
- Hanging Lockers, Cedar Lined w/Light & Full Length Mirrors
- Skylight
- Storage, Drawers
- Storage, Side Shelves
- TV, 32" LED Flatscreen & Blu-ray™ Player & Bose Soundbar

Fuel System

- Crossover Fuel System
- Fuel Filters, (3) Racor®
- Fuel Lines, USCG - Type A-1
- Fuel Tanks, Aluminum w/Manual Shut-Off Valves & Ultrasonic Sending Units

Galley

- Countertop, Solid Surface w/Sink, Single-Lever Faucet & Sink Cover
- Flooring, Wood
- Freezer w/Icemaker, Under Counter - 120V
- Handrail, Stainless Steel
- Microwave/Convection Oven - 120V
- Power Vent, 24V
- Refrigerator, Under Counter - 120V
- Storage, Cabinets
- Storage, Drawers w/Cutlery Insert
- Storage, Electrically Actuated
- Stove, Two-Burner, Induction
- Trash Receptacle

Generator

- 21.5kW Onan Diesel (240V/60 Cycle)

Guest Head

- Door, Privacy
- Flooring, Tile
- Handrail, Stainless Steel
- Head, VacuFlush®
- Portlight, Opening
- Power Vent, 24V
- Robe Hook
- Shower w/Seat, Adjustable Shower Wand & Acrylic Door
- Storage, Medicine Cabinet - Mirrored
- Towel Ring
- Towels - Sea Ray
- Vanity w/Solid Surface Countertop, Sink, Faucet, Storage & Trash Receptacle

Hull & Deck Features

- Bottom Paint
- Bow Rail, 316 Stainless Steel
- Cleats, Thru-Bolted - 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
- Hull Windows, Smoked Acrylic
- Lighting, Underwater - Transom
- Lights, Navigation
- Portlights (Opening in Master Stateroom & each Head)
- Resin, High-Performance Vinylester
- Rub Rail, PVC w/Stainless Steel Insert
- Seating, Recessed w/Cushions - Foredeck
- Storage, Transom Wall (For Lines & Gear)
- Swim Platform, Hydraulic Marine Lift (1,200 lb Capacity) w/Remote; Manual Pump; Concealed Swim Ladder & Integral Grab Handle
- Thru-Hull Fittings, Stainless Steel
- Vent System, Engine Room
- Windshield Wipers (3)
- Windshield, Bridge Venturi
- Windshield, Tempered/Tinted Glass w/Electric Opening Window (Starboard)
- Yacht Flag & Flagpole

Lower Control Station

- Alarms, High Water - Bilge & Cabin
- Battery Parallel Start System - Engines
- Compass
- Defroster, Windshield
- Horn, Air - 24V
- Instrument Panel
- Joystick Control, Zeus
- Seating, Helm Seats (2)
- SmartCraft Digital Throttle & Shift (DTS)
- SmartCraft VesselView Display: GPS Interface, Depth & Water Temperature, Depth Alerts, Trip Log Information, Fuel to Waypoint Data, Navigation Data; Engine Hour Meters, Engine Status, Performance & Fuel, Peak Performance Boost Pressure (optional), Troll Control, Cruise Control; Vessel Status, Tank Status, Steering Position, Generator Data and Start/Stop
- 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)
- Spotlight w/Dual Halogen Bulbs - Remote Controlled
- Steering, Power w/Tilt Wheel
- Switch Panel, Backlit
- Switches, Illuminated Weatherproof Rockers & Electronic Dimmer Control
- Systems Monitor, Digital LCD - For Pump Monitoring
- Wiper Controls

Master Stateroom

- Bed, Queen Size
- Closet System, Cedar Lined w/Light & Full Length Mirror
- Door, Privacy
- Entertainment Center: - Bose® Soundbar - TV, 40" LED Flatscreen & Blu-ray™ - Remote Control, Universal - Logitech Harmony
- Flooring, Carpet
- L-Shape Lounge (Port) with Workstation/Vanity and Storage
- Night Stands with Drawer Storage Below
- Portlight, Opening (2)

Master Stateroom Head/Shower

- Door, Privacy w/Access from Master Stateroom, Mirrored
- Flooring, Tile
- Handrails, Stainless Steel
- Head, VacuFlush®
- Mirror, Full Length
- Portlight, Opening
- Power Vent, 24V
- Robe Hook
- Shower w/Seat, Adjustable Shower Wand, Rain Shower & Acrylic Door
- Storage, Medicine Cabinet - Mirrored
- Towel Ring
- Towels - Sea Ray
- Vanity w/Solid Surface Countertop, His & Her Vessel Sinks, Faucets, Storage & Trash Receptacle

Mid Stateroom

- Beds (2)
- Door, Privacy
- Flooring, Carpet
- Hanging Locker, Cedar Lined w/Light & Mirror
- Storage, Cabinet
- Storage, Shelf
- TV, 24" LED Flatscreen w/Remote Blu-ray™ Player

Mooring System

- Anchor Chain Storage w/Gas-Assisted Hatches
- Anchor Chute, Stainless Steel
- Anchor Washdown Spigot w/Hose
- Anchor, Galvanized
- Windlass, Chain w/Foot Switches

Salon

- Area Rug
- Counter with Solid Surface Top
- Entertainment Center: - Bose Soundbar - TV, 50" LED Smart Flatscreen & Blu-ray™ Player

- Flooring, Wood
- Handrail, Stainless Steel
- Ottoman w/Storage and Movable Top
- Outlet, 120V
- Seating w/Storage
- Seating, Sofa
- Storage Cabinets

Waste System

- Common Drain System
- Head System (VacuFlush®)
- Holding Tank Level Indicator - MDP
- Holding Tank w/Dockside Pump-Out (70 Gallon)
- Macerator w/Seacock Interlock System
- Sump Box w/Automatic Pump & Hinged Service Lid

Water System

- Freshwater Washdown Spigots w/Hoses - Transom, Engine Room & Anchor Locker
- Manifold System w/Shutoff Valves
- Pressure Water System w/24V Pump & Charcoal Filtration System
- Shower, Cockpit - Hot & Cold w/Door
- Water Heater, 240V (20 Gallon)
- Water Inlet, Dockside
- Water Purifier System - Galley & Ice makers

Key Features

3 YEAR BOW-STERN FULL WARRANTY

Triple Zeus--Cummins QSC 8.3 - 600/593 HP

SeaKeeper Gyro Stabilizer

Full Fusion stereo throughout with Sonos

Flir night vision

Bridge seating with storage

Sun pad forward of helm with leg support

Wet bar with sink, faucet and solid-surface countertop

Wine cooler located in the saloon

Individual full-size washer and dryer

3-pane, sliding salon

Queen size bed in her full beam master stateroom

Dinette table with high-gloss wood surface

Hydraulic swim platform with Jetski and concealed ladder and grab handles

Salon entertainment center with Sonos throughout and WIFI

Forward bow seating with pullout teak table

Forward bow sunbed with reclining backrest

Forward three post canopy overhead

On the main deck there are 4 separate social areas. Wide side decks lead to the bow.

Aft Deck

A single set of entry stairs from the swim platform to the aft deck are to the port side. By eschewing the double set of port and starboard stairs, Sea Ray designers have created a much larger, and more functional space on the aft deck for cocktail parties and al fresco dining. Teak decking on the swim platform, aft deck and stairs to the flying bridge are all optional.

Salon

The theme of combining the outside with the inside is nowhere more evident than at the triple-wide opening salon doors that allow a seamless transition from the cockpit to the salon, all in a single level with countersunk tracks for the sliding doors which avoids a tripping hazard.

The salon offers an open and airy layout to welcome guests leaving a generous amount of visibility through the surrounding windows.

The cabinet to port houses horizontal wine storage and all of the table settings.

The plates are all held securely and each one is embossed with the Sea Ray logo before firing.

Further ahead is the entertainment system with stereo, Direct TV, Blu-Ray player WIFI, Sonos, Sirius and surround sound system.

To the port side of the salon is shelving beneath Brookside Quarter Walnut with a satin finish. The shelf is the Syridian colored Silestone.

The decking on the L590 Fly is a Whitewashed Black Walnut.

An alabaster-tinted acrylic divides the salon from the galley. It's framed in a chromed railing wrapped in leather.

Overhead, the venting for the heat/ac is recessed in the overhead soffit, thus eliminating unsightly grates. Further, this design means no one person is sitting next to a vent and getting the bulk of the air while others are not. The system also ensures that the climate is controlled more evenly throughout the cabin.

Galley/Dining

One step up takes us to the galley to port, and dining area to starboard. With the galley located on the main deck, the chef/host never has to be far from the center of the gathering when preparing meals or putting out hors d'oeuvres at a cocktail party. Directly across, there's an L-shaped settee wrapping around yet another hi-gloss table.

With a galley up layout, the host is never far from the gathering as it's centrally located.

Quality materials are used throughout.

There is a single faucet for the sink and another right alongside dispensing filtered water.

The galley countertop is the same Silestone Quartz with a Siridium tone that is in the salon. Only the best appliances are present including two refrigerated drawers and two freezer drawers, all under the counter. The two-burner stove is an induction type that only generates heat through special pots and will always remain cool to the touch. A vent is in the backsplash just behind.

There are two refrigerated drawers and two freezer drawers and the use of drawers is appreciated, as contents won't come spilling out when a door is opened.

The dinette is just across from the galley, making meal service short work.

Directly across from the galley is the Dinette. It's an L-shape and wraps around another triangular hi-gloss table that folds out when more surface is needed. The quality of workmanship throughout is impressive with black inlays running the perimeter of the table's two sections.

The dinette table is solid wood, is collapsible and includes black inlay accents.

Cabin Deck

The accommodations deck has a three-stateroom/two head layout. The full beam master has an

offset berth to add a bit more space. The master head is "split" at the entrance to the stateroom.

Accommodations Deck

The lower deck is accessed from a centerline companionway. The L590 Fly is a three stateroom/two head boat with the full beam master located aft, a VIP nested in the bow and a guest berth to starboard, opposite the heads.

The wood below is a continuation of the quality we saw in the main deck. Here, the doors are fabricated from Quarter Walnut with Peppercorn highlighting.

VIP

The VIP stateroom forward is based around an island berth nested into the bow. Storage is both below and above. Hull side windows to port and starboard provide natural light along with the overhead skylight but that can be blocked by the sun pad above if it is deployed. The berth is queen-sized with an innerspring mattress. The headboard is a framed section of the "friendly wall" material that is in the salon. There are two reading lights on goosenecks to either side.

The VIP stateroom features a well laid out island berth.

Sea Ray includes all bedding, color coordinated with the stateroom. All decking is carpeted providing a soft feel for bare feet. There's the usual cedar hanging locker. Sea Ray includes a 32" (81 cm) LED TV with a Blu-Ray player as standard. There's a private door to the ensuite head and this head has another door to the companionway so it can serve double duty as a head for the guest quarters just across as well as day head.

The head features a VacuFlush toilet, and opening portlight along with a power vent and a separate walk-in shower. As with the upper deck, the counterwork is Silestone Quartz but now the tone is changed to Stellar Night. One interesting feature is the mirror over the vanity. It is quite high to accommodate the opening portlight below. For that reason, the mirror is angled downward but still gives a bit of an elevated self-view.

The guest head features a separate walk-in shower and the color of the quartz counter has changes from the same material up on the main deck. This is the Stella Night Silestone.

Guest Stateroom

The mid stateroom features twin berths that can be easily converted to a queen berth. The same level of fit and finish that we've seen elsewhere onboard is repeated here. The guest stateroom also allows for the enjoyment of a waterfront view out of the hullside windows.

The closet in the guest stateroom is fashioned with drawers and interior shelves in addition to the cedar lining.

The entrance of the guest stateroom are the optional stacked washer and dryer that gets

concealed behind closed doors. The two control panels between are for the lights and climate.

Master Stateroom

The master stateroom is located aft. It's full beam and well laid out to make it seem larger and romantic. At the entrance, a sink/vanity is just to the right with an enclosed head and shower located just beyond. The "split head" arrangement allows two people to get ready for a night out on the town at the same time.

Just inside the entrance to the master stateroom is the vanity. The door leads to the toilet and shower.

The water closet has the toilet and separate walk-in shower. We like the separate water closet design, something rarely seen on any size yacht.

The stateroom itself has the berth offset on the diagonal to provide the appearance of more room and to gain the headroom by dropping the center part of the deck below the stringers to the ship's floor. The entire aft bulkhead is the same "friendly wall" material we've seen now throughout the yacht. An unusually large L-shaped settee lies to port. The hullside windows are large and have an opening port.

The full beam master stateroom wraps the owners in luxury.

Just ahead of the settee is a counter with a built in vanity that included a flip-up mirror and compartmentalized storage. This counter can also be used as a work station.

A 40" (102 cm) flat screen is standard. Behind the headboard is a hidden safe for "secret" storage. The forward cabinets feature his and hers storage and a unique feature...purposed storage for jewelry with pin lighting just above.

The hanging locker to the left has a refrigerated drawer to the bottom. This is a thoughtful idea that we rarely see on yachts of any size.

Here is the purposed storage in the cabinet to the front of the stateroom which appears to be made to order for a fashionista. All shelves are illuminated with pinlights.

Flying Bridge

The flying bridge offers another three social areas and something for everyone -- sunning in the dual sun lounge forward of the helm, helping the captain pilot the boat amidships or lunching, and comfortably seated for drinks, dinner or general sight-seeing at the table aft. Another two venues are on the bow two facing bench seats, and sunbathing forward.

The flying bridge has three separate and distinct social areas, two with tables to include dining and/or cocktails. The two dining areas are separated with a split entertainment center. Forward of this center is booth seating with a high gloss solid wood table on a hi-lo pedestal to allow for

conversation to a sun pad. The aft dining area consists of U-seating around another wood table, also a convertible sun pad.

Ahead of the helm station is a pair of sun pads. Overhead is a hardtop with a canvas center that opens electrically to let the sunshine in.

The split entertainment center is a functional design. To the left is an electric grill and sink. Below that is a refrigerator. To the right is a drink/food prep counter with an ice maker below.

Ahead of the helm is a pair of chaise lounges/sun pads with armrests and drink holders.

The flying bridge will surely be the most popular place on this yacht during warm and sunny days. There are two sun pads forward, booth seating across from the helm, a split entertainment center, and then U-seating surrounding another solid wood table.

Two high gloss tables make up the bridge's social areas. Both areas are separated by the refreshment centers.

At the aft end of the flying bridge, U-shaped seating wraps around a solid wood table.

To the right side of the bridge deck is a prep counter with an icemaker underneath.

To the left side is an outdoor grill and sink.

Under the sink is a refrigerator.

The Bow

The last gathering areas is at the bow. This consists of four across bench seating and a massive sun pad just ahead. The area is reached by wide side-decks that offer excellent protection making the bow accessible even under the worst of conditions, if that's what suits those who may want to be up there.

There are two entries to the bow seating, on to either side. Just ahead is a huge sun pad. In the center of the sun pad is a removable cushion that can allow light to enter the forward stateroom through its overhead hatch. A table can be installed for dining at anchor.

Propulsion System -- Three Diesels with Zeus Pods

The L590 Fly comes standard with only one power option and that's a triple set of Cummins QSC 8.3s putting out 600-hp each and driving Zeus pods.

At the helm there are only two control levers for the three engines. When the throttles are advanced, first the two outboard engines kick in, and then lastly, the center engine comes up to power. When taking power off, that center engine comes off line first, and then the two outer

engines drop down. Here's the phrase that summarizes... the center engine is the last to kick in, and first to kick out.

Redundancy is a good thing. If an operator is having a particularly bad day and loses an engine, say the port engine, then the center engine automatically becomes a primary, taking over the duties of the failed engine. Handling around close quarters and at the dock becomes seamless and the boat handles just the same, we are told by the builder. In theory anyway, we didn't test that aspect but the concept is a sound one.

Of course if the center engine goes out, then the two outboard engines behave normally and again, nothing changes with the handling. In other words, the redundancy is built in and requires no interaction from the operator whatsoever. The boat will handle the same on three engines, or any combination of the two.

Performance

The Sea Ray L590 Fly has a LOA of 58'10" (17.93 m), a beam of 16' (4.87 m), and a draft of 57" (145 cm). She has a empty weight of 64,000 lbs. (29,030 kg) and with nearly full tanks and 6 people onboard, an estimated weight to be 71,744 lbs. (32,543 kg). No matter how one views it, that is a lot of boat.

With a top speed of 31.1 knots at 3020 rpm. At that speed she was burning 97.3 gph for a range of 302.5 nm and an endurance of 9 hours and 42 minutes while still holding back a 10% reserve in the tanks.

Note her running angle which is nearly horizontal, about 5-degrees bow high as it should be.

Best planning-speed economy is quite interesting and exceedingly hard to pin down. That's because the efficiency of the triple Zeus drives is so well matched to the hull. From 2750 rpm and 26.7 knots on up to her top speed, she'll get .32 nmpg right across that range of speeds. Below that is gets only slight worse until she drops off plane where it picks up again. So basically this is a boat that you can forget about the throttle setting if we're going for distance, and instead focus on the sea conditions and comfort level. But with that said, it's foolish to continually push any engine at 100% load.

Why three engines? One may ask why there are three engines instead of the more conventional two, and the answer comes down to top speed, weight and fuel consumption at best cruise. The Cummins QSC 8.3 diesels are relatively light weight which means three of them can actually with less than two far bigger engines turning out a similar amount of horsepower, thus gaining an edge in fuel efficiency. They cost about the same or less than two larger engines and redundancy become an added bonus.

It takes so much energy to move a 71,000-lb boat at any given speed and there is exactly the same amount of energy in each gallon of diesel whether it is run through two engines or three.

Wave penetration is one of her best features as she cuts right through anything you encounter.

That is thanks to her sharp entry and considerable displacement.

Generally, one strives to run a cruising boat at 80% load, and in the case of our L590 Fly, that comes in at 2600 rpm and 22.5 knots. That speed drops the fuel burn down to 71.7 gph (.31 nmpg), providing a range of 341 nm. At that speed it will take 13 hours and 12 minutes to exhaust the tanks of all but the 10% reserve of fuel.

So, in short, yet the economy of the triple Zeus Cummins engines is excellent and well matched to the hull design.

Helm

The lower helm is a big deal for Sea Ray as it's a new design but one has to look closely to fully appreciate it. It's a dash that shows no fasteners. The displays are connected with a "fast mount" system. This is a socket and pin system that's attached to the back of the panel. The twin 16" (40.6 cm) displays are flush mounted to the Ebony panel and there's standard helm air conditioning. Above is a stitched leather visor cutting down on the reflective glare, and a pair of Stidd seats.

The lower helm is a work of art in its simplicity and functionality. We like the companion seat next to the captain's chair -- and so will cruising couples. Both seats are by Stidd.

To the right side is the Zeus joystick, a touch panel to control the dash displays, and the digital engine controls just ahead.

High-level electronics. For all intents and purposes, this lower helm station is the primary, on the flying bridge being secondary. The level of electronics being offered as options is better than on the commercial vessels that some of our captains pilot. The autopilot is integrated into the Zeus system. The twin displays are providing visuals for the color radar, GPS and chartplotter, all integrated to a 4 kW open array antenna. In the center is the VesselView engine analyzer with its selectable information readout.

The flying bridge helm is wide open to the elements, and with the lower being the primary, there's no need to have this level wrapped in isinglass. It is fully intended that this a fair weather deck. The helm station is a pod style with dual 12" (30.5 cm) displays. On this deck the helm is to the port side, opposite the lower helm. This allows for clear sightlines from whichever side the L590 Fly is docked on. Of course a third optional station at the cockpit makes backing into a slip even easier.

The flying bridge helm is port and is a pod style. There is an insulated cooler to the right side, right within reach of the operator.

A third control station can be located in the cockpit.

Turning is something that doesn't happen quickly on the L590 Fly, even with the wheel cranked over hard. She remains comfortable regardless of how "heavy handed" the driver. The slower

the speed, the tighter the turning radius -- all of which is controlled by the Zeus software for safe and comfortable operation of the L590 Fly.

She's also a relatively dry boat. You have to work at it to get spray on the windshield, and the way we did it was to take the chop just off the bow where it would be most affected by the wind. For the most part, when underway, she tends to ride about 5-degrees bow high which puts the spray about half way back on the hull, certainly well past the windshield. This what serves to give her such a dry ride.

Wave penetration is another huge plus. When a large wave approached while underway, you'll find yourself bracing for a hit that would never come. She slices cleanly through the waves, her weight keeping the feeling of the wave to an absolute minimum. There was no pounding you'll encounter on some boats this size because of their more blunt bow sections and large, low chines taken too far forward. Even on our choppy day she remained stable throughout the cruise and that bodes well, especially for those guests that may not be accustomed to the feeling of being offshore.

When operating from the lower helm, she has a feel of being in a living room on the water.

She's an extremely quiet boat. Driving from the lower station is like driving in a typical living room. Sound levels started out at 58 dbA (less than conversational level) and increased to only 81 dbA at top speed. At no time did anyone have to shout to be heard above the engines, right below the salon deck.

From the upper helm, there's certainly no shortage of fresh air and sunshine, especially with the sunroof opened up.

There's also a commanding view from the flying bridge that will make it one of the best seats in the house.

As for her close quarters, she's also an outstanding performer.

When maneuvering up to the dock, the flying bridge station offers a view of the whole length of the L590 Fly.

The goal of the L590 Fly was to load up on the luxury, it's what the "L" stands for. In our opinion, Sea Ray met that goal. For the lucky owner that also happens to be the operator, this yacht will also provide an experience that is hard to achieve.

Top speed for the Sea Ray L590 Fly (2016-) is 35.8 mph (57.6 kph), burning 97.3 gallons per hour (gph) or 368.28 liters per hour (lph).

Best cruise for the Sea Ray L590 Fly (2016-) is 30.8 mph (49.6 kph), and the boat gets 0.4 miles per gallon (mpg) or 0.17 kilometers per liter (kpl), giving the boat a cruising range of 348 miles (560.05 kilometers).

Basic Information

Category: Motor Yacht

Sub Category: Flybridge

Model Year: 2016

Year Built: 2016

Country: United States

Fly Bridge: Yes

Dimensions

LOA: 59' 0" (17.98m)

Beam: 16' 0" (4.88m)

Max Draft: 4' 9" (1.45m)

Speed, Capacities and Weight

Cruise Speed: 26 Kts. (30 MPH)

Cruise Speed RPM: 2600 Kts.

Max Speed: 36 Kts. (41 MPH)

Displacement: 64000 Pounds

Water Capacity: 200 Gallons

Holding Tank: 70 Gallons

Fuel Capacity: 1050 Gallons

Accommodations

Total Cabins: 3

Total Heads: 4

Hull and Deck Information

Hull Material: Fiberglass

Hull Configuration: Semi-Displacement

Engine Information

Engines: 3

Manufacturer: Cummins

Model: QSC 8.3

Engine Type: Inboard

Fuel Type: Diesel

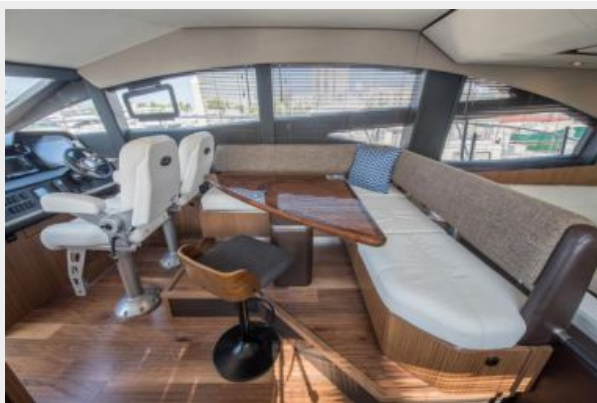
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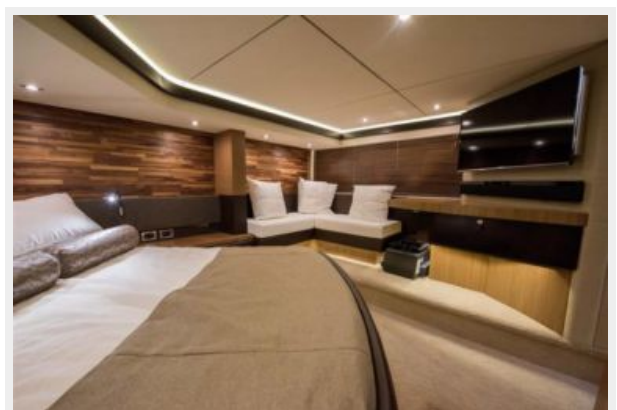
















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