

# Schaefer Yachts 510 Sport (2019-)

## Brief Summary

The Schaefer 510 Sport is a midsize express cruiser coupe that has many features seen on much larger boats, such as a three-stateroom, three-head layout, an available hydraulic swim platform that can ship a tender, and an elevated helm position. Volvo Penta IPS propulsion provides predictable performance, efficient cruising, and joystick maneuverability. She’s also got a galley placed so it’s convenient to the entire main deck, and uses generous amounts of the builder’s high-grade lacquer finish throughout. Perhaps most interesting, Schaefer will work with buyers to customize their boats, right down to layout, engine choices, interior finishes, and more.

## Price

### Base Price

*Prices, features, designs, and equipment are subject to change. Please see your local dealer or visit the builder's website for the latest information available on this boat model.*

## Key Features

- Three-stateroom, three-head layout
- Helm area with sunroof
- Swim platform
- Main-deck galley convenient to salon and aft deck
- Multiple layouts available, including two with galley-down arrangements
- Aft grilling area

## Test Results

RPM	MPH	Knots	GPH	MPG	NMPG	STAT. MILE	NM	dBa
600	4.3	3.7	0.6	6.8	5.9	2107	1832.2	64
1000	6.8	5.9	1.5	4.5	3.9	1386	1204.9	66
1500	9.2	8	5.5	1.7	1.4	512	445	66

RPM	MPH	Knots	GPH	MPG	NMPG	STAT. MILE	NM	dBa
2000	11.2	9.7	12.5	0.9	0.8	276	239.7	69
2200	13.1	11.3	16.2	0.8	0.7	248	215.7	69
2400	15	13	20.3	0.7	0.6	228	198	71
2600	19	16.5	23.5	0.8	0.7	250	217	71
2800	22.1	19.2	26.8	0.8	0.7	254	221.3	71
3000	24.6	21.4	31.3	0.8	0.7	243	211	71
3200	27.6	24	36.7	0.8	0.7	232	201.5	73
3400	30.2	26.2	41.7	0.7	0.6	223	193.9	75
3600	33.4	29	44.8	0.7	0.6	230	200.3	76

[View the test results in metric units](#)  
[Download a PDF of the test data](#)  
[Download a PDF of the test data](#)

# Specifications

Length Overall	51' 11"   15.82 m
BEAM	14' 4"   4.37 m
Dry Weight	40,344 lbs.   18,300 kg
Tested Weight	43,155 lbs.   19,575 kg
Draft	4' 1"   1.24 m

Draft Up	
Draft Down	
Air Draft	
Deadrise/Transom	17-deg.
Max Headroom	
Bridge Clearance	16' 4"   4.97 m
Weight Capacity	
Person Capacity	16
Fuel Capacity	343 gal.   1,298 L
Water Capacity	124 gal.   469 L
Length on Trailer	
Height on Trailer	
Trailer Weight	
Total Weight	43,155 lbs.   19,575 kg
Aft Deck	
Salon Inside Width	
Salon Fore & Aft	

Salon Height	
Salon Volume	
Galley Volume	
Master SR Width	
Master SR fore & Aft	
Master SR Overhead	
Master SR Volume	
Eng. Room Volume	

## Acceleration Times & Conditions

Time to Plane	7.9 sec.
0 to 20	
Ratio	
Props	
Load	4 persons, 1/2 fuel, full water, 50 lbs. of gear
Climate	81 deg., 69 humid; wind: 15-21 mph; seas: <1

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## Schaefer Yachts 510 Sport

The Schaefer 510 Sport rewards decisive boaters with a combination of performance and comfort.

## Mission

The Schaefer 510 Sport is a sleek sport cruiser coupe with a layout that works well for dayboating excursions as well as longer cruising adventures. Our test boat was well equipped with such options as a broad hydraulic swim platform that's sure to entertain watersports enthusiasts, and a transom grilling station. Her lower-deck accommodations made excellent use of available space with three staterooms and three heads, each including a separate shower, to keep owner and guests happy for extended weekends aboard.

## Distinguishing Features

- **A layout with three staterooms and three heads**, each with a separate shower, is a rare find in this size range.

- **The aft section is built for fun** with a wide swim platform with a hydraulic option as well as a transom grilling station.
- **The secret galley** appears out from under folding lacquered panels.
- **A sunroof** changes the entire feel of the helm area and, indeed, the whole salon.
- **An atrium-style passageway** lets the natural light from the raked windshield into the lower deck.
- **Excellent use of hullside windows and opening ports** bring the waterviews and breezes belowdecks.

## Features Inspection

### Schaefer Yachts 510 Sport

The main deck layout of the Schaefer 510 Sport shows off her multiple social areas, ready to welcome guests or allow groups some quiet time.

### Swim Platform

The swim platform stretches across the full width of the transom and is 5'11" (1.80 m) long with an optional 4'4" (1.32 m) section that lowers and raises hydraulically, with steps that automatically deploy (\$29,704). The platform has a 1,600 lb. (726 kg) capacity and can be used to launch and retrieve a personal watercraft or RIB tender with receivers for chocks (an \$1,111 option) and the tiedown eyes here as well as being a beach for swimmers.

### Schaefer Yachts 510 Sport transom

The transom has a broad swim platform that enhances the entire stern area of the 510 Sport.

### Schaefer Yachts 510 Sport swim platform

The optional hydraulic swim platform has a staircase on its starboard section that deploys automatically as it lowers.

**The transom** has stowage in a pair of lockers below a wide grab handle. The top lid opens to reveal a grill and sink with folding faucet. Insulated cooler lockers are to either side, ensuring easy access to cold drinks from the swim platform and the aft-deck seating area. Our test boat had a hydraulic Opacmare passerelle on the port side.

### Schaefer Yachts 510 Sport transom

The transom makes good use of what could otherwise be wasted space.

### Schaefer Yachts 510 Sport grill

A transom grill and sink move food prep out of the aft-deck social area, yet keeps the chef in the party.

## Schaefer Yachts 510 Sport passarelle

The Opacmare passerelle is a robust hydraulic telescoping boarding gangway.

## Schaefer Yachts 510 Sport shore power

The shore power cord receptacle is on the port side of the transom.

# Aft Deck

Up two stairs from the swim platform is the aft deck, which has a wide L-shaped settee across the transom for lounging. The stairs to the swim platform are protected by a swing-out, stainless steel gate. The aft deck has a teak table on a sturdy stainless pedestal with beverage holders and grab handles exposed when the leaves are folded in. A built-in refrigerator is handy when entertaining here.

## Schaefer Yachts 510 Sport aft deck

The social area of the aft deck centers on the L-shaped settee that dominates the aft port quarter.

## Schaefer Yachts 510 Sport gate

A stainless gate keeps guests away from the stairs to the swim platform.

## Schaefer Yachts 510 Sport settee

The table serving the transom settee has a folding leaf on each end.

## Schaefer Yachts 510 Sport holders

Beverage holders and grabrails are exposed when the leaves of the aft-deck table are folded.

## Schaefer Yachts 510 Sport

The refrigerator is handy both to the aft deck as well as the salon.

**A hardtop overhang** offers the aft deck a bit of shade and weather protection. For a bit more shelter from the sun, there's a manual crank shade that covers the aft deck.

## Schaefer Yachts 510 Sport sun shade

A sun shade cranks out manually to provide improved sun protection to the aft deck.

**At each aft quarter**, 10" (25.4 cm) cleats have enclosed stainless fairleads. We would like to see the fairlead have a break in the top to pass the line through. There's also a self-draining receptacle for excess line, something that helps keep the boat tidy, but we'd like to see a notch in the edge of the lid, rather than the center.

## Schaefer Yachts 510 Sport cleat

The cleat is rugged but hasty tie-ups may preclude use of the stainless fairlead.

**Behind a door** in the house side on the aft deck we find the battery switches and beneath that, a hatch to the crew's quarters, which includes a small head with a single berth just behind.

#### Schaefer Yachts 510 Sport battery switches

Battery switches are handy on the aft deck, protected by a latching door.

#### Schaefer Yachts 510 Sport

This two-part door makes it easier to access the aft crew's quarters.

#### Schaefer Yachts 510 Sport crews quarters

The crew's quarters have a sink, head, and a berth optimizing the available space.

**A docking station** is positioned beneath a flip-up cover on the starboard side. A gas strut holds the lid out of the way, and there's a Volvo Penta engine display and joystick, as well as a horn button and controls for the windlass.

#### Schaefer Yachts 510 Sport docking

The optional second station (\$7,875) for docking from the aft deck improves the view for close-quarters maneuvering and lets the skipper help with docklines.

**Stairs to port and starboard** lead from the aft deck to the side decks. When we climbed the stairs we noticed each side would benefit from a grab handle on the hardtop overhang. Both side decks are 18" (45.72 cm) wide with a 9" (22.86 cm) toerail and a bowrail that climbs from 27" (68.58 cm) aft to 31" (78.74 cm) forward.

#### Schaefer Yachts 510 Sport

The stairs to the side decks are equipped with courtesy lights and have teak treads.

#### Schaefer Yachts 510 Sport

Our test captain appreciates a good grab handle, and this would be an excellent spot for another one.

#### Schaefer Yachts 510 Sport bow rail

The bowrail along each side deck gets progressively higher as one moves forward.

#### Schaefer Yachts 510 Sport toe rail

The toerail adds to the secure feeling of the side decks.

## Foredeck

The foredeck area is surrounded by the bowrail to make it safer to tend the ground tackle. Flanked by lockers, the vertical windlass is mounted in a recess with a chain stopper and the polished claw-style anchor sits in a stainless pulpit. There are 10" (25.4 cm) cleats to either side, and foot controls for the windlass.



## Schaefer Yachts 510 Sport sun pad

The foredeck provides an additional social area with a sun pad.

## Schaefer Yachts 510 Sport windlass

The sleek windlass keeps an even lower profile thanks to a molded recess. Note the foot controls to starboard.

**The bow sun pad** measures 82" (208.3 cm) wide at the head, 59" (149.9 cm) wide at the foot, and 91" (231.1 cm) head to foot, and has an integrated, raised pillow for sunbathers. To either side is a double beverage holder and a grab handle.

## Schaefer Yachts 510 Sport sun worshiper

Sun worshipers can get some privacy on the foredeck.

## Schaefer Yachts 510 Sport cup holder

Double beverage holders are fashioned from unobtrusive acrylic and are handily placed to serve either side of the sun pad, along with the long grab handle.

# Salon

From the aft deck, sliding doors open up to 5'2" (1.58 m) wide to connect the salon to the aft deck. A flush threshold makes it easy to pass in and out without a tripping hazard.

## Schaefer Yachts 510 Sport aft bulkhead

The doors in the aft bulkhead open wide to help unify the interior and exterior social areas.

## Schaefer Yachts 510 Sport floor

The flush transition helps the cause and reduces stubbed toes.

**Large windows** confer plenty of natural light on the salon. If that's not enough, there's an expansive sunroof in the overhead that changes the entire feel of the interior when the weather is good. Seating in the salon is in a U-shaped settee set on a 7" (17.78 cm) high teak platform for improved sightlines. The salon table is on a sturdy pedestal, and, when folded up, has grab handles and beverage holders at either end.

## Schaefer Yachts 510 Sport salon

The salon welcomes guests with comfortable seating and views through expansive glass panes all around.

## Schaefer Yachts 510 Sport sun roof

The sunroof opens wide to provide fresh air and natural light on pleasant days. Note the height on the windows' bottom edge is lower aft.

## Schaefer Yachts 510 Sport settee

The settee has a table with folding leaves, built by Schaefer in house, that has grab handles and spots for beverages, all on a robust pedestal.

Schaefer Yachts 510 Sport step up

The step up for the settee ensures the view is better from the seats.

## Galley

The galley is opposite the settee, concealed beneath a lacquered counter. The counter sections that are the lids fold before opening, so they don't block the side window completely when flipped up. Beneath them is a sink with folding faucet, a counter for food prep, a two-burner cooktop with potholders, stowage in lockers beneath, and a convection microwave.

Schaefer Yachts 510 Sport galley

The galley along the starboard side appears to be an attractive built-in credenza with a finely lacquered top.

Schaefer Yachts 510 Sport galley

But the galley's utility—including a cooktop, sink with folding faucet, and room to work at either end—is revealed by folding lids.

Schaefer Yachts 510 Sport microwave

A convection microwave increases the culinary options.

**To entertain the crew**, there is a 32" (81.28 cm) TV with a 5.1-channel speaker system above the aft end of the counter. And cleverly positioned out of the way in the overhead are a Blu-Ray player and a control head for the stereo system.

Schaefer Yachts 510 Sport tv

A television entertains the crew in the settee...

Schaefer Yachts 510 Sport blu ray player

...While a handy Blu-Ray player and stereo control head are installed in the overhead—out of the way but accessible.

Schaefer Yachts 510 Sport tray

Speaking of keeping guests happy, this fixed tray located forward of the settee on the port side corrals remote controls as well as glassware and bottles in an acrylic panel with cutouts.

Schaefer Yachts 510 Sport panel

Near the forward end of the galley, a breaker panel is accessible behind a door in the aft face of the helm seat base.

## Helm Station

The helm station is on a platform up two 10” steps with a leather-wrapped stainless grabrail for safety, and an angled panel on the forward end of the teak platform serves as a footrest.

#### Schaefer Yachts 510 Sport helm

The helm is perched at the forward end of the salon to starboard.

#### Schaefer Yachts 510 Sport helm steps

It’s two steps up to the helm station...

#### Schaefer Yachts 510 Sport helm

...which benefits from the added height with better lines of sight.

**The helm console** is topped with a leather brow to cut glare with a compass set into it. A Lexan panel has a 9” (30.48 cm) Raymarine eS Series display to port, and the 7” Volvo Penta engine display to starboard. The Volvo Penta IPS joystick is to port of the wheel with switches for lights and wipers in a Lexan panel and a cubby set in the leather-wrapped dash. On the starboard side of the leather-wrapped steering wheel on its tilt base is the Volvo Penta engine throttle and shift binnacle, engine start switches, and other system controls. The starboard bulkhead has the Raymarine VHF and additional switches.

#### Schaefer Yachts 510 Sport

The helm dash has a large angled panel for mounting electronics close to the driver’s lines of sight.

#### Schaefer Yachts 510 Sport joy stick

The Volvo Penta IPS joystick is mounted to port of the wheel, which may work well for a right-handed driver looking aft.

#### Schaefer Yachts 510 Sport binnacle

To port of the wheel the Volvo Penta throttle and shift binnacle is positioned among the ignition switches and those for other dash components.

#### Schaefer Yachts 510 Sport wheel

The wheel is mounted on a tilt base.

#### Schaefer Yachts 510 Sport

The VHF is located on the starboard bulkhead near the helm, but could be placed on the helm dash as well—there’s plenty of room.

**The single helm seat** is wide (for one) and has quilted stitching and a two-tone treatment on the flip-up bolster seat cushion that shows off Schaefer’s in-house craftsmanship.

#### Schaefer Yachts 510 Sport helm seat

The seat has a fine finish with quality materials, a cutout for lumbar ventilation, and is set in the top of a built-in, lacquered console.

Schaefer Yachts 510 Sport bolster

The bolster flips up to give the helmsman more positions when driving, though the seat could benefit from some fore-and-aft adjustment.

Schaefer Yachts 510 Sport side window

One feature we really like is a power side window that opens...

Schaefer Yachts 510 Sport skipper

...and allows the skipper to reach the springline cleat.

Schaefer Yachts 510 Sport windshield

The raked windshield is a single glass panel measuring 8'10" (2.69 m) wide by 4'2" (1.27 m) tall.

## Accommodations

Schaefer Yachts 510 Sport 3 stateroom

Our test boat has a three-stateroom, three-head layout, all with separate shower stalls, which is something that is rarely seen on this size boat.

**Belowdecks, a four-step companionway** leads to an atrium-style passageway open to the steeply raked windshield above.

Schaefer Yachts 510 Sport passageway

The passageway has the advantage of being lit from above by the steeply raked windshield.

Schaefer Yachts 510 Sport master door

The door to the master stateroom is to port of the companionway stairs.

Schaefer Yachts 510 Sport stair storage

The companionway stairs have courtesy lights on each riser, and lift to reveal additional stowage.

## Master Stateroom

The master stateroom is located amidships and has hullside windows with opening ports to either side, with lockers to starboard topped with a lacquered shelf, and a settee to port. There's a 32" (81.28 cm) flatscreen TV on the forward bulkhead, and additional stowage in lockers to either side.

Schaefer Yachts 510 Sport master stateroom

The master stateroom has an overhead with variable geometry.

Schaefer Yachts 510 Sport berth

The berth measures 77" by 62" (195.58 cm x 157.48 cm), and is flanked by nightstands with light switches and power outlets above for devices.

Schaefer Yachts 510 Sport shelf

Teak-fronted lockers are topped with a finely finished lacquer shelf, though a fiddle would help keep things in place.

Schaefer Yachts 510 Sport settee

The settee gives the owners a place to lounge away from their guests, a luxury feature on a yacht of this size.

## Master Head

The master head has private access from the stateroom and features a mirrored medicine cabinet, a hullside window with opening port, and a basin sink atop a vanity with stowage. The vanity and sink are a fine example of the company's workmanship. The separate shower stall has a glass door on stainless hinges.

Schaefer Yachts 510 Sport master head

The master head gets natural light and ventilation from the hullside window and opening port.

Schaefer Yachts 510 Sport shower

The separate shower has a teak sole.

Schaefer Yachts 510 Sport master head

The master-head shower has a Euro-style wand and a shelf for toiletries.

## Forward VIP Stateroom

The VIP stateroom in the bow has an island berth measuring 77" by 70" (195.58 cm x 177.80 cm) on centerline with hullside windows bringing in natural light along with a round hatch in the 6'5" (1.97 m) overhead, that also serves as emergency egress.

Schaefer Yachts 510 Sport vip

The VIP stateroom has reading lights, switches, and outlets for charging devices to either side of the berth.

**Above each hullside window** are welcome lacquer-finished lockers. Steps to either side make it easier to get in and out of bed. A 24" (60.96 cm) flatscreen TV is on the aft bulkhead and there's a hanging locker to port.

Schaefer Yachts 510 Sport window

Hullside windows add to the airy feeling of the forward guest stateroom, while lockers above increase useable stowage.

#### Schaefer Yachts 510 Sport bed steps

Steps to either side are equipped with courtesy lights.

#### Schaefer Yachts 510 Sport shine

Schaefer doesn't skimp on the lacquer, and that shines through in these doors in the VIP—the door to the left is the entrance to the stateroom, and to the right is the door for the private entrance to the VIP head.

## VIP Head

The head has an entrance directly from the VIP stateroom, but, since it also serves as a dayhead for the yacht, there's another entry door from the passageway. This head uses a half-cylindrical acrylic shower enclosure, a mirrored medicine cabinet, a hullside window with opening port, and a vessel sink atop a vanity with stowage, all finished with the same attention to detail as the master head.

#### Schaefer Yachts 510 Sport vip

The VIP head also serves as the dayhead and features a hullside window with opening port.

## Guest Stateroom

To starboard, the guest stateroom features twin berths measuring 27" (68.58 cm) wide and 71" (180.34 cm) head to foot, and here they have a filler cushion to create a single berth. LED reading lights are located at the head of each bed. A hullside window has an opening port for natural light and ventilation.

#### Schaefer Yachts 510 Sport filler

A filler cushion creates a double berth in the guest stateroom.

#### Schaefer Yachts 510 Sport guest stateroom

The guest stateroom has a 19" (48.26 cm) flatscreen TV, mounted on a locker with shelves and an air-conditioning air handler at its top.

## Guest Head

The private head for this stateroom has a shower in a half-cylindrical acrylic enclosure. A mirrored medicine cabinet is above a hullside window with opening port, and there's a basin sink atop a vanity with stowage beneath. The bench is designed to be used with the shower.

#### Schaefer Yachts 510 Sport guest head

The guest head has similar amenities to the other two head compartments, including a vessel sink and hullside window with opening port.

## Schaefer Yachts 510 Sport head

The third head on many boats in this class—if there even is a third head—would be a wet head, but this one has an enclosed shower.

## Additional Layouts

Schaefer has two other layouts for the lower deck of the 510 Sport, and each is a galley-down option.

### Schaefer Yachts 510 Sport layout

This layout simply adds a galley to port on the lower deck, by eliminating the third head.

### Schaefer Yachts 510 Sport layout

This layout eliminates the third head and the starboard guest double, creating a lower-deck lounge area with galley, and enhances privacy for the two remaining staterooms.

## Performance Test

The Schaefer 510 Sport has a LOA of 51'11" (15.82 m) and a beam of 14'4" (4.61 m). With an empty weight of 40,344 lbs. (18,300 kg), 50% fuel and four people onboard, we had an estimated test weight of 43,155 lbs. (19,575 kg).

### Schaefer Yachts 510 Sport idle

The Schaefer 510 Sport is a robust mid-size express cruiser.

**With the twin Volvo Penta 435-hp IPS600s** powering our test boat, we reached a top speed of 29 knots or 33.4 mph (53.8 kph) at 3600 rpm.

**Best economic cruise** came in at 2800 rpm and 19.2 knots or 22.1 mph (35.6 kph). It was at that speed that the 26.8 gph (101.5 lph) fuel burn translated into 0.7 nmpg (0.32 kpl) and a range of 221.3 nm.

### Schaefer Yachts 510 Sport running

With Volvo Penta IPS, the Schaefer 510 Sport dials in the efficiency with a 20-knot cruising speed.

## Acceleration

From a standing start, the Schaefer 510 Sport got onto plane in 7.9 seconds and accelerated from zero to 20 mph in 10.0 seconds.

### Schaefer Yachts 510 Sport running

Her hole-shot times to get on plane offered few surprises.



**The sunroof** over the helm opens wide, and the helm position is designed for the driver to run the boat with a head above the windshield when standing.

#### Schaefer Yachts 510 Sport sun roof

The sunroof lends an open-air driving experiences.

#### Schaefer Yachts 510 Sport standing

Standing at the helm is enabled by the sunroof.

#### Schaefer Yachts 510 Sport driving

While the breeze is strong at speed, driving with one's head above the windshield gives that flying feel of a flybridge.

## Handling

The hull of the 510 Sport had sharp penetration as we ran through 1' to 1 ½' (.30 m to .46 m) chop. We didn't experience any hull slap or pounding. We found that the boat ran better when we lowered the tabs to bring the bow down, which let the bow get into the waves and the sharp bow deadrise do its work. She has a 17-degree deadrise at the transom which is usually a good compromise between speed and ride in this size boat.

**Leaving the bow up**, we could feel some occasional pounding, but a touch on the tabs brought the bow down to ensure a comfortable ride – that's because her deadrise is much greater forward to cut through the waves. This is true for most boats in class.

She handled beam seas smoothly, on an even keel. We found she was sensitive to trim and the tabs easily keep her level. They're big tabs and they operate quickly, so be gentle with them. She was responsive to steering commands, and, as with most boats powered with Volvo Penta IPS she takes wide turns at speed with a comforting inward lean.

#### Schaefer Yachts 510 Sport running

Our test captain used the tabs to engage the bow for an even better ride.

#### Schaefer Yachts 510 Sport hull

The hull is responsive to the wheel with a confidence-inspiring lean inward on turns.

**The test conditions** yielded only some surface chop to contend with, we ran the boat through the wake of our test boat to emulate larger seas and she handled the waves well with her sharp forefoot, slicing through them and pushing the spray low to the sides.

#### Schaefer Yachts 510 Sport running



The bow tamed the chop easily with a little bow-down trim.

Schaefer Yachts 510 Sport running

The boat sliced through the wake with ease, occasionally shedding a couple of knots of speed.

Schaefer Yachts 510 Sport running

The sharp bow combined with the strakes to keep the boat on track through the waves, with no stuffing or pronounced lifting.

Schaefer Yachts 510 Sport running

We had to look for the spray at times during our test to see where it ended up.

## Docking

To dock the boat, Schaefer asked us to put her in the slipway for the Travelift bow first, and we used the IPS joystick to deal with a crosscurrent and sustained wind until the crew could secure lines. This is a good example of when the joystick pays off.

Schaefer Yachts 510 Sport skippers

For less-experienced skippers, a joystick system can be helpful, primarily if practice has shown the systems capabilities in relation to the boat's windage.

Schaefer Yachts 510 Sport joy stick

The Schaefer 510 Sport has the joystick system set up properly to manage the conditions of our test.

## Engine Room

The engine room is centered on the pair of 435-hp Volvo Penta IPS 600s. While these engines seem mounted close together, Schaefer paid attention to maintenance and simplified daily checks.

Schaefer Yachts 510 Sport engine room

The engine room is accessed through a hatch in the aft deck.

Schaefer Yachts 510 Sport engines

The engines are close together in the engine room.

Schaefer Yachts 510 Sport dipsticks

Dipsticks are positioned along the inboard side of each engine and strainers are easy to inspect because they are on top of the engines.

**The 11.5 kW Cummins Onan genset** is located to starboard (remember, crew's quarters are located to port, encroaching somewhat on the space. The genset is also easy to tend with its strainer, fuel-water separator, and muffler readily accessible.

## Schaefer Yachts 510 Sport generator

The Cummins Onan generator has an enclosure for quiet operation.

## Schaefer Yachts 510 Sport separators

Genset fuel-water separators are tucked on the other side of their mounting bracket, easy to access along with the strainer and the genset muffler.

**The 343-gallon (1,298 L) fiberglass fuel tank** is positioned across the forward end of the engine room.

Schaefer manufactures their own tanks, and we prefer fiberglass fuel tanks to aluminum, which can corrode if they come into repeated contact with water. Volvo Penta fuel-water separators are easily accessible and equipped with ball valves for handy shutoff, as are through-hull fittings for the air-conditioning pump and the genset cooling water.

## Schaefer Yachts 510 Sport fuel tank

A fiberglass fuel tank is situated so it will not affect running attitude as the fuel level changes.

## Schaefer Yachts 510 Sport separators

Fuel-water separators are in the forward end of the engine room.

**Hydraulic systems** for the swim platform and passerelle are located on a shelf across the transom at the aft end of the engine room. Batteries are situated aft under a cover near the fixed Fire-Boy fire-suppression system.

## Schaefer Yachts 510 Sport pod drives

The hydraulic systems are positioned above the Volvo Penta IPS pod drives.

## Schaefer Yachts 510 Sport

Batteries are placed abaft the bulkhead that sets the crew's quarters apart from the engine room.

# Options to Consider

- Hydraulic swim platform (\$29,704)
- Aft-deck docking station (\$7,875)
- Raymarine Axiom 12" (30.48 cm) multifunction display with chartplotter, sonar, VHF, and antenna (\$15,526)
- Marine radar system (\$4,884)
- Satellite TV system (\$16,799)
- Electric aft-deck awning (\$3,538)

# Price

Base price is \$1.3 million.

## Warranty

- 10 years on all structural parts
- 2 years on all electrical installation
- 1 year on gelcoat, upholstery etc.
- Engines 3 years plus the option to upgrade
- Supplied equipment covered by each manufacturer

## Observations

The Schaefer 510 Sport is a sport cruiser with the amenities to allow a boater to customize the boat to their needs. For example, an optional hydraulic swim platform makes for a wide, open area to lounge, hang out, and maybe cook some lunch on the optional transom grill, or it can be submerged to allow bathers to play in the water as the boat rests at anchor.

**The long, lacquered counter** on the starboard side of the salon makes for a sleek spot for revelers to stand at an onboard cocktail party, but it also opens up to be a full-service galley to feed dinner to a boatload of guests. The helm area can offer shelter from both the sun and rain as conditions warrant, and transition in moments to a wide-open space with a gaping sunroof and powered-down side windows to let in the refreshing sea breezes.

Schaefer understands that these transitions may be enough for many boaters, but they tell us they are prepared to offer additional options and choices as well.