

Smith Powerboats



45' *While this brochure features photos and specs on 40' and 42' powerboats, Smith Boats currently produces only 45' models.*

We appreciate your interest in SMITH POWER BOATS. This brochure features the SMITH 40', 42' and 45' POWER BOATS. Our boats emphasize quality and dependability. They are constructed of and are equipped with the finest parts and materials available.





Smith 42' Tower



Smith 42' T-Top

2006 Smith 42' CDF

Standard with Twin 6LY-2 440 hp YANMAR Diesels,
ZF Marine Transmissions & POWER-VENT® marine drive systems



Also available with YANMAR 6LY-3 480 hp
(Center Console with Cabin, Galley and Head/Shower)

LOA (Hull Only):	41' 6"
LOA (Plus Anchor):	Add 9" (Total: 42' - 3")
LOA (Plus Swim Platform):	Add 2' - 3" (Total: 44' - 6")
Beam:	10'
Freeboard Forward: (Waterline to Gunwale Cap)	5' - 7" (Static)
Freeboard Aft: (Waterline to Gunwale Cap)	3' 0" (Static)
Average Weight Wet (Light):	17,280 Lbs. (18,000 Lbs. with T-Top and Platform)
Weight - (Full Fuel - Full Load)	24,000 Lbs.
Cockpit floor Area:	9' 0" x 20' 6" (184.5 Sq. Feet) (less console area)
Cabin Area (At Maximum Diameter):	9' 8" x 15' 0" (approximate - maximum area)
Maximum Cabin Headroom (Hatch Closed):	6'
Draft (Static):	0' 28"
Draft (On Plane):	0' 24"
Hull Configuration:	Optimized Hi-Perf. Mono-Hull with 4 full-length 6" Lifting Strakes
Deadrise:	22° Variable Warp Deadrise - Increasing Fwd. to 45°
Static Trim Angle:	0.65° Bow High
Maximum Bow Rise to Plane (Neutral Tabs):	4.2°
Trim Angle - Cruise (Neutral Tabs):	2.9° Bow High
Trim Angle - Full Speed (Neutral Tabs):	2°
Fuel Consumption - Full Speed (3425 rpm):	47.6 GPH
Fuel Consumption - Cruise Speed (3100 rpm):	32 GPH
Best Economy:	20.65 GPH @ 32 MPH = 1.55 MPG Range: 525 Miles
Minimum Planing Speed:	12-12.5 MPH
Continuous Rate of Cruise @ 3100 rpm:	43.0 MPH - 1.34 MPG
Average Top Speed (twin 440 hp YANMAR Engines 21.25" x 30" props @ 3400 rpm - 14% slip):	47.7 MPH - 1.21 MPG
Average Top Speed (with standard twin 440 hp 21.25" x 33" props @ 3450 rpm - 14% slip):	52.6 MPH - 47.6 GPH - 1.15 MPG
US Navy Acceleration Test Data 0-25 knots @ 18,096 lbs.:	13.4 Secs. (Average with 2 - 440 hp YANMAR Diesels)
Engines: (Standard)	Two 440 hp YANMAR Turbo Diesels
Transmission: (Standard with 350 hp)	ZF Marine 280 A (Opt. 2-Spd. High: 1.76:1 - Low: 2.27:1)
Drive System:	POWER-VENT® Surface Drives - 2" Shafts
Electric System:	Six 12-Volt Optima Batteries
Generator (Optional) Kobota Diesel:	(load starting) 6.0 kw (continuous) 3.5 kw includes 30 amp shore power
Air Conditioner/Heat (Optional) MARINEAIR®:	12,000 BTU heat and a/c

NOTICE: Smith Power Boats, Inc. reserves the right to change specifications & options without notice.

Smith 45' CDF



2006 Smith 45' CDF

Standard with Twin 6LY-2 440 hp YANMAR Diesels,
ZF Marine Transmissions & POWER-VENT® marine drive systems
Also available with YANMAR 6LY-3 480 hp
(Center Console with Cabin, Galley and Head/Shower)



LOA (Hull Only)	45'
LOA (Plus Anchor):	Add 9" (Total: 45' - 9")
LOA (Plus Swim Platform):	Add 2' - 11" (Total: 48' - 8")
Beam:	10'
Freeboard Forward: (Waterline to Gunwale Cap)	5' - 7" (Static)
Freeboard Aft: (Waterline to Gunwale Cap)	3'0" (Static)
Average Weight Wet (Light):	18,370 lbs. (19,250 lbs. with T-Top and Platform)
Weight (Full Fuel - Full Load)	26,250 lbs.
Cockpit floor Area:	9' 0" x 20' 6" (184.5 Sq. Feet) (less console area)
Cabin Area (At Maximum Diameter):	9' 8" x 15' 0" (approximate - maximum area)
Maximum Cabin Headroom (Hatch Closed):	6'
Draft (Static):	0' 28"
Draft (On Plane):	0' 24"
Hull Configuration:	Hi-Perf. Mono-Hull with 4 full-length 6" Lifting Strakes
Deadrise:	22° Variable Warp Deadrise - Increasing Fwd. to 45°
Static Trim Angle:	.05° Bow High
Maximum Bow Rise to Plane (Neutral Tabs):	4.1°
Trim Angle - Cruise (Neutral Tabs):	2.8° Bow High
Trim Angle - Full Speed (Neutral Tabs):	2°
Fuel Consumption - Full Speed (3400 rpm):	47.6 GPH
Fuel Consumption - Cruise Speed (3100 rpm):	32 GPH
Best Economy:	20.65 GPH @ 32 MPH = 1.55 MPG Range: 525 Miles
Minimum Planing Speed:	11.5 - 12 MPH
Continuous Rate of Cruise @ 3100 rpm:	43.0 MPH - 1.34 MPG
Average Top Speed (with standard twin 440 hp 21.25" x 33" props @ 3450 rpm - 14% slip):	50.2 MPH - 47.6 GPH - 1.15 MPG
US Navy Acceleration Test Data 0-25 knots @ 18,096 lbs.:	13.4 Secs. (Average with 2 - 440 hp YANMAR Diesels)
Engines: (Standard)	Two 440 hp YANMAR Turbo Diesels
Transmission: (Standard) ZF Marine 280 A 1.96 :1	(Opt.) ZF 300 2-Spd. High: 1.76:1 - Low: 2.27:1
Drive System:	POWER-VENT® Surface Drives - 2" Shafts
Electric System:	(8) 12-Volt Optima Batteries
Generator (Optional) Kobota Diesel:	(load starting) 6.0 kw (continuous) 3.5 kw includes 30 amp shore power
Air Conditioner/Heat (Optional) MARINEAIR®:	12,000 BTU heat and a/c

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Cockpit



Dual Seating



Carbon Fiber Dash



42 gal. Live well/Sink/1500 lb. Pressure Washer



T-Top



24,000 lbs. gross weight



Huge Storage Wells



Flexiteek Teak



Fighting Chair

Interior



Galley



Cabin



Head and Shower



V-Birth Looking Forward



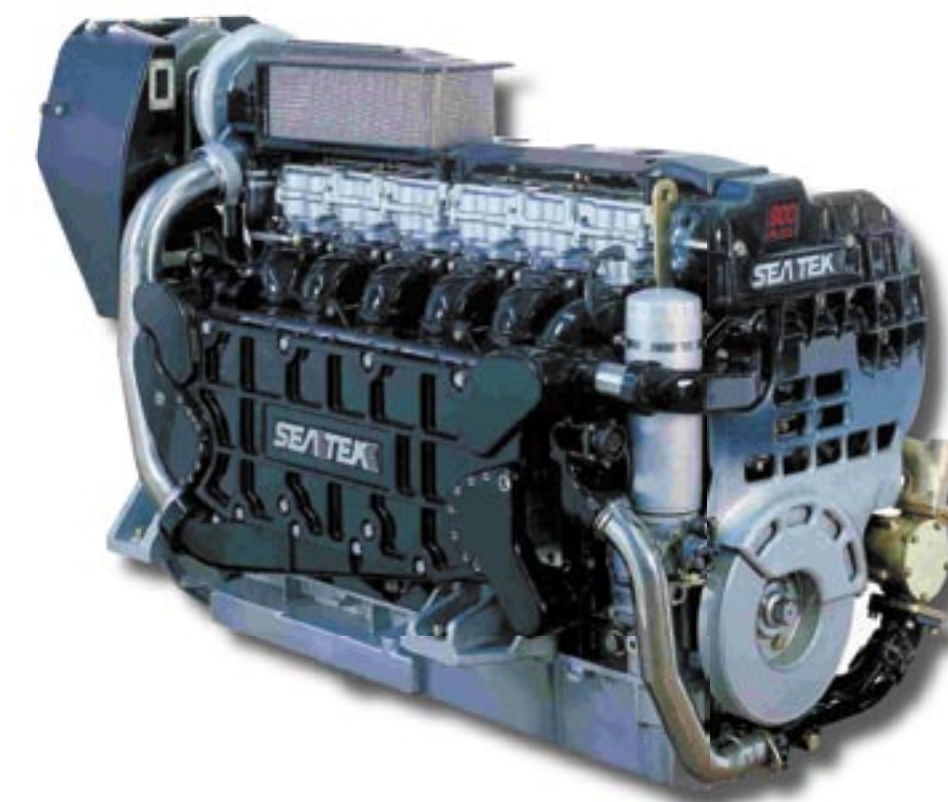
2006 45' SS

Powered by twin **SEA-TEK® 800 plus** engines

73 mph @ 23,000 lbs. gross weight

SEA-TEK

Advanced Marine Propulsion Technology



Smith 45' Tour/Dive Model



Snorkel/Tour



37 Seat



27 Seat



Smith 40' U.S. Navy Special Forces Craft Patrol/Tow/Utility



POWER-VENT®

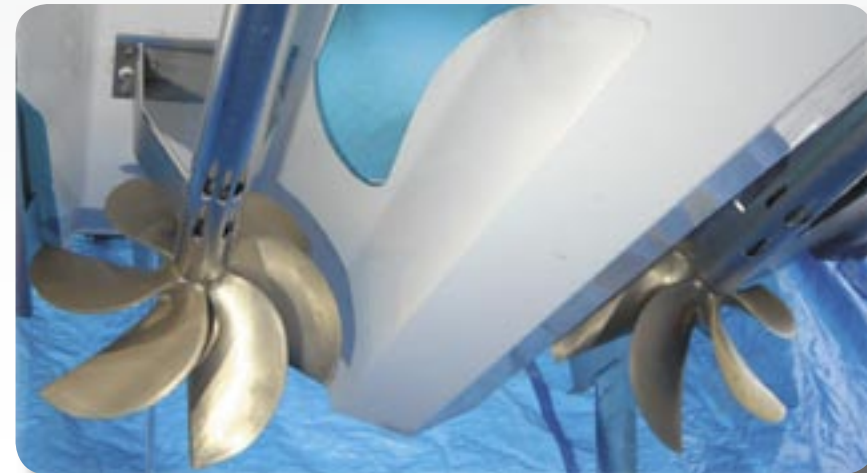
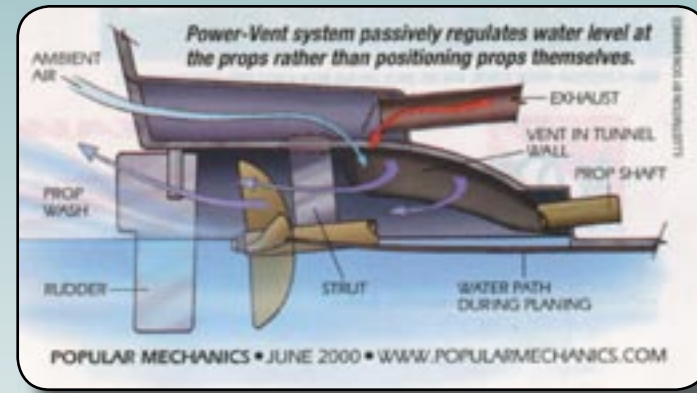
MARINE DRIVE SYSTEM

POWER-VENT® DRIVE BENEFITS

- Increases top speed
- Increases range
- Handles better than an inboard
- Improves fuel economy
- Replaces classic inboard
- Familiar hardware-Shaft/Strut/Rudder
- Simple
- Reliable
- Efficient
- Shallow draft
- Virtually smokeless

CATEGORIES

- Diesel
- Gas
- 30 - 60 mph
- Yachts
- Cruisers
- Fishing



STANDARD EQUIPMENT

- Two YANMAR® 6LY-2 440 hp @ 3300 rpm turbo diesel engines.
- Two ZF Marine 280-ATS single-speed transmissions (2.00:1 ratio).
- Two all-stainless POWER-VENT® drive systems (2" Aquamet-22 shafts). Thordon Bearings with Boron Ware Sleeves on propeller shafts.
- Two 22.25" x 30" pitch + cup 5 blade nibral surfacing propellers.
- Trim tabs that are driven off twin hydraulic power steering pumps. Includes LED position indicators and double trim switch one on each side of helm.
- Fully molded cockpit liner with recessed hatches and full drain system. 42' with Euro Oval non-skid. 45' standard with Flexiteek® (boats fully self-bailing).
- Cabin liner is molded then set in place with Plexus® adhesive for resilience and load dissipation.
- The Liner is then further secured with fiber glass bonding so that it becomes a structural part of the boat.
- Floor hinges and recessed latches are 316 (SS) Stainless steel.
- Hardware throughout boat is top quality 316(SS) Stainless steel.
- We install five 10" SS low-profile cleats, 5/8" SS bow and transom eyes.
- Shallow Draft 28" nominal
- Brass nylon locknuts on stainless threads to prevent gaulding if removal should be necessary.
- Tef-Gel is always applied to stainless threads and between stainless and Aluminum parts to prevent corrosion and to ease removal in the future.
- Twelve SS rod holders. Six SS rod holders mounted in the cabin wall for anti-theft and transport of even 50 series rod and reels.
- Bait prep station transom mounted with a generous storage compartment, a cutting board with a pop-up saltwater/fresh water wash-down faucet.
- Self bailing and would self-right if you could manage to flip one over. They are unsinkable by construction techniques (honey-comb) (Nida-Core) (The volume of air trapped in the laminate core of the hull sides, stringers, bulkheads, floor and deck core make our boats unsinkable without flotation foam).
- Graphics on hull-side are standard as shown in brochure (Color option is your choice for paint and upholstery).
- Separators to remove water from the fuel are Separ brand. Holly electric fuel pumps reprime the Yanmar diesel engines automatically.
- Controls for throttle and shift are simple single lever style. One handle for each engine. We use Kobelt brand controls. (Top of the line in mechanical controls).
- Teleflex electronic controls are an option.
- Synchronizer switch just below the throttle handles balances engine RPM. When sync is turned on the engine RPM will be matched as long as the throttle handles are within 15% of each other.
- DC electric system is 12 volt using six (6) Optima 55 Amp hour batteries three batteries per bank (8 Optima 45 Amp hour batteries on the 45').
- A separate DC main switch for each engine and a DC switch for the house system. Selecting **BOTH** will buss port and starboard banks together.
- Pre-wired for a tuna tower and many other options like Ice and Water makers so those options may be added at a later date.
- DC switch panels feature sealed (water-proof), military grade switches with house master switch at helm. All switches are labeled and backlit for night viewing (in red).
- Wiring is all Premium tinned copper with irradiated jackets and heat-sealed terminations throughout.
- Circuit breakers for each and every circuit.
- Wiring is in a manufactured harness with sealed plugs for easy replacement of accessories.
- Shore power system is 30 AMP with the plug mounted on the port side forward in the cockpit. We include a white 30" power cord standard.
- Lighting package includes 3 low voltage halogen ceiling lights in the head; 3 over the galley counter top; a florescent over the galley sink, (4) halogen reading lights in cabin. Our boats include over 900 LED lights in the cockpit, cabin, engine room, and storage areas.
- Console gauge package includes liquid filled mechanical gauges: fuel pressure, oil pressure, oil temp, water pressure, water temp, transmission pressure, turbo boost, hydraulic system pressure. Tachometers are electric as are exhaust pyrometers. Boat features engine alarm lights, engine alarm horns.
- Head in the cabin is a nice size head with home-style ceramic toilet, counter top, sink, mirror, medical cabinet and shower sprayer on 6' hose. The head is electric with a valve to use either fresh or salt water for flushing. The overboard valve is easy to access, the holding tank is approximately 25 gal.
- Storage boxes in the floor forward of the console. The 42' has (2) 29" w x 48" l x 27" d, 43.5 cu ft. total. The 45' has 2 storage boxes measuring, 27" w x 70" l x 25" d, 65 cu ft. total. There are also two boxes that serve as floor level fish boxes just inside the transom are 15" w x 57" l x an average of 18" d.

(continued next page)

STANDARD EQUIPMENT (continued)

- Steps for easy entry and exiting of the aft cockpit area fold down or remain concealed behind latching doors. Steps are on both sides and positioned so the T-top or tower shade serves as a hand hold in or out of the boat.
- Cabin doorway is 27" wide with the entry doors split to fold in and latch securely out of the way.
- Hatch way to the cabin is a Big 27" x 60". The lid is split so the aft half folds forward fully atop the forward half for good cabin access without impairing captains forward view. Both sections can be unlatched to rise on stainless steel gas springs for stand up access to the cabin.
- Anchor is self-launching via a custom made stainless anchor chute with a nylon roller, the anchor is polished Stainless Steel Delta style. A latching door covers the windless and anchor locker.
- Windless is electric with a 2200 lb. lift rating. We set up the windless with 175' of 1/4" chain. Windless operates from either the bow or console.
- There are 4 fuel tanks standard (42' 390 gal. total)(45' 490 gal. total)and features the ability of either engine to draw fuel from any tank.
- Fuel valve system allows either engine to operate from any of (4) fuel tanks Fuel may be transferred from tank to tank, with the flip of a switch and a turn of a valve.
- 90-gallon fresh water tank. System pressurized to galley, vanity, head, bait station, fwd & aft wash downs.
- Battery charger built in (waterproof) 15 amps x two banks.
- US Coast Guard navigation lighting with all LED lights and shark-eye bow lights to reduce glare.
- VHF radio with Digital Antenna and stainless mount.
- Closet, dry, lighted and vented place for hanging gear on strong 1" SS bar.
- Twelve cabin storage compartments with doors (5) under seats and (7) in walls.
- Microwave 120v AC (built in flush over galley sink).
- Refrigerator 12v DC/120v AC (auto switch over).
- KITCHENAID® Juice Blender 120v AC (Built-in flush, located below galley counter). Crushes Ice very well.
- Cabin interior is of premium upholstery materials stylish yet rugged and cleanable for a long life.
- Premium quality color fixed and UV stabilized upholstery covering Ever-Dry closed cell foam.

- Leaning post seat is split into 3 opening sections with dry storage box underneath seat bottoms.
- Console seat back raises on gas struts to access helm electronics and dry storage for maps & papers.
- Drink cooler is 186 quart recessed securely into floor under leaning post with easy access.
- Two 186 qt. coolers built in as front console seats with custom lids and matching upholstery.
- Two 20" round opening deck hatches in the cabin - one opens forward one aft for proper venting with screens.
- There are 3 freshwater washdowns and 1 saltwater washdown that are coiled inside compartments and out of sight.
- Stereo system with two amps and 8 speakers in cockpit F&R, L&R balance.
- Sony CDX-MP AM-FM; MP3/CD-R/RW playback compatibility. XM ready for digital satellite radio.
- Tackle/storage boxes are built in port, starboard and transom.
- Marlin door is removable for excellent water access to stainless steel dive platform and dive ladder (door floats).
- Handgrip package with Deluxe anodized billet aluminum and/or stainless steel grips).
- Sunbrella covers for the console and leaning post seats.
- Six 1/2" x 30' dock lines, four 10" x 30" fenders, 12 PFD's, throw cushion, bell, Coast Guard kit.
- Console footrest removes for engine inspection; it also folds down to raise helm floor 8" for a better viewing.
- Twelve drink holders built-in throughout the boat, stainless steel topside and anodized aluminum in the cabin.
- Six tinted cabin side portal openings (3 in cabin, 1 in galley, 1 in head & 1 in closet).
- Transom and aft cockpit area has handrails with a foot tread recessed to be level with gunwale top.
- Built-in 42 gallon live well with seawater circulation and 2" drains it also has proper oval shape with view window and night lighting.
- Automatic fire extinguisher, plus two (2) hand-held BI BC, 5LB extinguishers.
- The shallow draft and robust nature of the *POWER-VENT*® drive system enables our boats to pass over reef to beach.

OPTIONAL EQUIPMENT

- 45' Option adds 42" total, 30" forward of the console and 12" aft. The cabin is exactly the same as the 42' and the 10' beam remains the same.
- ZF Marine 300 ATS two-speed transmissions low: 2.47:1 - high: 1.94:1 Ratio.
- 3.6 kw continuous rating alternator/generator powered by a single cylinder freshwater cooled Kubota diesel (30AMP).
- T-Top with (5) rod holders, includes lighting package consisting of front, center, aft floodlights over cockpit and helm lighting all on seperate switches.
- T-Top mounted Lee Sidewinder Outrigger bases with 18' SOS collapsible outriggers pre rigged with Schafer twin pullies and 2mm Monofilament. (4) lines, 2 each rigger. About a 42' line spread.
- Extended coverage arch T-Top 8'w. x 16'l.
- Tower option with molded fiberglass helm box. Includes Teleflex electronic engine controls, basic engine warning lights and a Twin Scan tack. Includes lighting package for tower plus front, ter and aft floodlights over the cockpit below.
- Tower electronics package with a separate VHF with haler and a second 10" Slave GPS/depth plotter.
- Tower mounted Lee Pro Series release outrigger bases with your choice of outrigger poles.
- Side handrails mounted on deck along cockpit ledges. (Not available with tower or extended top)
- Forward deck and bow rail with anchor pulpit hoop.
- Bow rail, bow pulpit and side rail combo. (not available with tower.)
- Clear coat (Isinglass) windscreen, side curtains & door curtain for T-Top, tower or extended top.
- Power windscreen - retracts into console (out of the way).
- Manufactured with 1/2" safety glass.
- 12,000 BTU air-conditioning & heat system (MarineAir®).
- Custom waterproof Brownie's Third Lung dive air compressor. (4) Persons to a depth of 35'.
- General Ecology water purifying system for drinking water.
- Stereo system upgrades (6) 300-watt power amps (6)8" subwoofers. (8)8" mids (4) 6"x16" compression horns.
- XM Radio or Sirius, satellite head unit with CD player.
- Aft-facing front seat cushions.

- Removable rear transom bench seat or "on-board storable" split transom seat.
- Storable table (mounts on slip in pedestal in front of console or in the cabin for dining).
- Second leaning post for two persons with split seat bottoms and storage box. Removable back rest (4) rod holders and (2) more drink holders.
- Second leaning post same as above but with the addition of a flip out fighting chair footrest and gimble.
- Ray Marine/Foruno Package, radar/GPS/depth-finder
- Simrad, CE44 GPS depth & radar, Simrad CE33 chart sounder combos.
- Robertson/Simrad Auto Pilot. AP-11
- Gauge package upgrade to FloScan fuel flow managing system with digital tachometers.
- Electronic engine gauge screens with up to 26 functions
- B-B-Q Grill, propane canister fuel, mounts firmly on side or aft cleat, Stows in front storage box on a firm mounting.
- Kevlar bladder tanks for extra diesel fuel, 42' capable of (2) 140 gallon, 45' capable of (2) 208 gallon both removable in forward storage locker.
- Swim platform with stainless fold-down dive ladder. Platform is fabricated of 316 stainless then powder coated mercedes silver.
- Superspeed bottom paint applied to hull. PN: #SP52-3034
- Numerous anti-fouling paints available.
- Weather resistant full boat cover .
- Flexiteek Teak cockpit floor, includes gunwhale caps and folding cockpit step caps. Standard on the 45'.
- Advanced Marine Underwater lighting package.
- Electric Kite Reel wiring and plug 12v-24v or both, deep drop reel wiring and plugs available in 12v - 24v or both.
- Tools for the boat, 3 waterproof Pelican cases with every tool you could need to service our boats.
- Ice-maker
- Water-maker
- Misters Unlimited deck cooling system
- Custom 3 axel trailer & stainless steel brakes



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