

IN THE ELITE DOMAIN OF LUXURY CRUISING,
FORMULA IS NUMBER ONE!



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Cruiser

2000

An exclusive achievement in marine design, the Formula Cruiser cockpit features perfectly proportioned, comfortable seating that is widely acclaimed for its faultless execution and detailing. A variety of entertaining

All Formulas are constructed with a superior level of blue-water engineering, allowing your initial pleasure of ownership to remain strong year after year. Experience the gratification of Formula boating as you enjoy life to the fullest aboard your Formula Performance Cruiser – a boating investment that continues to retain its high value far into the future.



Legacy of Excellence

The Porter Family—boaters like you.

Thunderbird's tradition of excellence has been growing steadily since its beginning in 1956. When the Porters took charge in 1976, Vic Porter had already been building boats since 1958. Over the past twenty-plus years, the Porter family has brought Thunderbird to the forefront, insisting on the highest quality product and responsive, customer-oriented service. Strongly committed as owner-managers, the second generation of Porters now leads the company. With Scott Porter as president and three of his brothers and a sister in



Porter Family



Porter Family

executive positions, the family works together for continuous product improvement. Chairman and mentor Vic Porter still vigorously advances Thunderbird's mission of premium quality. The Porters share many childhood memories of happy, carefree times on the water. They know first-hand that well thought out, top-quality features can and do make a great deal of difference in personal boating enjoyment. They are determined that every Formula is as good as promised.

Our Modern Manufacturing Facility—home of Formula quality.

Our facility is equipped with the very latest in advanced technology to ensure Formula's superior level of quality. Touring the impressive plant located in the Midwest is an amazing experience for first time visitors. Employees readily convey their enthusiasm for doing the job right every time.



Five-Year Warranty—your guarantee of lasting value.

Formula issues a five-year warranty with each new Formula. Covering deck and hull structure, the warranty is also transferable during the five-year period. This commitment to long term satisfaction ensures that your boating investment is well protected and retains its high value for years to come.



Employee Involvement

Employee Involvement—makes a big difference.

The employees pictured above are the major reason your Formula is produced exactly as you want it. Many employees serve on either an Employee Involvement or Self-Directed Work Team. During weekly meetings, members consider ideas suggested to make improvements and work constantly to increase overall quality and efficiency. This naturally achieves a progressively higher level of Formula owner satisfaction. As a Formula owner, you will appreciate this quality difference each time you boat.

Formula Reliability Center—super service.

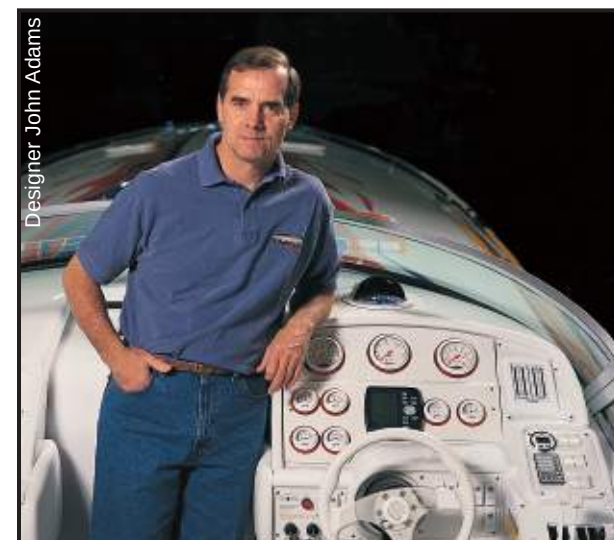
Formula dealers are expected to be up to date in product knowledge and to provide expert mechanical service. Stocking parts to keep Formula boaters on the water is also rated as essential. Each dealer relies on a Formula technical assistance representative to answer special service questions. We routinely supply dealers with technical information through product update bulletins. As a new Formula owner, two surveys encourage you to share comments and to rate your dealership's professionalism during and after the sales transaction. We work with your dealership to make sure you receive expert service quickly, so you are out on the water whenever you want to be.

National Marine Manufacturers Association—certified integrity.

Thunderbird is a charter member of the National Marine Manufacturers Association, and all Formulas meet or exceed Association safety-based certification requirements. This official certification, displayed in each Formula, demonstrates a continuing commitment to product integrity and your safety as an owner. You should be aware that a number of other boat manufacturers advertise as association members, yet not all their boats qualify for certification.

Designer John Adams—artistry that works.

For over 25 years, John Adams has been designing Formulas in a sleek, avant style that blends form and function to perfection. From the distinctive silhouette to the precisely engineered features and inspired details, Adams keeps Formula on the cutting edge of technical design. It's no wonder that Formula performance attains award-winning status year after year. With John Adams design choices, from the latest colors for cockpit and cabin to ever more exciting Imron® designs, your Formula is unique on the water. It's a designer original that perfectly conveys your personal sense of perfection and style!



Designer John Adams



Performance

Formula Performance Cruisers—the key word is performance.

Formula Cruising is fast, smooth and dry. With its reputation for performance, Formula wouldn't build a Cruiser that wasn't a pleasure to command. As you pick up the pace, your Formula PC responds with ease. Options of MerCruiser®, Volvo® or Cummins® engines provide just the right amount of horsepower to satisfy your need to move out. Formula Cruisers get you where you want to go at an invigorating pace.

Deep-V Hull design—responsive maneuverability.

Formula's deep-V hull is designed to give each model the excellent handling characteristics you expect of a Formula Cruiser. Whether smartly executing turns, briskly slicing through the waves or leisurely cruising to your destination, the hull ensures a supremely comfortable, solid ride for driver and passengers.

Formula Cruiser Stability—the ride you enjoy.

Count on smiles all around each time you head out in your Formula Cruiser. The well-balanced running attitude and clear visibility plus a consistently stable ride put everyone at ease. Sunning or enjoying refreshments underway is next to impossible in some cruisers, but a Formula is built for comfort and smoothes the way for complete relaxation.



Deep-V design

Design Artistry Engineering Expertise

Formula Cabins—superior amenities.

Formula cabins provide complete amenities for every cruising need. The galley, sleeping arrangements, head compartment facilities, lounges and entertainment features are superior in every way. Decor is beautifully coordinated in rich hues of sapphire blue or emerald green. Or, choose the sophisticated neutral titanium palette and accent with your favorite colors to express your very personal sense of style.



Cabin Decor

Formula Cruiser Structure—offshore integrity.

Formula Cruisers are designed for challenging offshore conditions. Expertly engineered to maintain absolute integrity, a Formula has solidity that breathes confidence into every cruising adventure you plan. Family and friends eagerly anticipate the excitement of new horizons and interesting ports.

R&D—brings Adams' designs to life.

Formula's focus on excellence begins in a model's earliest stages of development. First, the deck and hull designs of each new boat are painstakingly replicated by our engineers in an advanced computer-aided design system. Using state-of-the-art software to create a three-dimensional boat on-screen, complex systems and components are properly positioned. Instantly available for reference, the exact dimensions and location of every part is stored to relay to the computer-controlled routers. During production of cabinets, storage areas and structural components, this consistent accuracy ensures that your Formula Cruiser is not only the best in design, but it is also executed precisely.

Meanwhile, a full-scale model or "plug" is built by hand, requiring months of exacting work. Using this symmetrical master, production molds are formed. Full-scale cabin and cockpit mock-ups are created to fine-tune ergonomics and space utilization. Formula's Research and Development Department fabricates each perfect mold used in production.

CAD/CAM Technology—consistent accuracy.

While many time-honored techniques are employed in developing a new Formula, the key to the final perfection of each part is the \$250,000 state-of-the-art CAD/CAM system. Stringers, plexiglass doors, mirrored panels, countertops and many other components are cut to exact specifications filed in the CAD/CAM computers. The Computer Numerically Controlled (C-N-C) routers maintain accuracy to within

thousandths of an inch for a consistently precise fit.

Look for this fit and finish everywhere in a Formula. Sidewalls and headliners meet exactly—no bead welt is necessary to hide faulty design or execution. Cabinets are contoured to conform to walls. In the cockpit, coaming panels fit snugly, with no need to fill gaps.

Suspended Stringer System—essential integrity.

Each Formula hull is reinforced with a custom-engineered matrix that is much stronger than the usual stringer system. This framework, cut by Formula's C-N-C routers, is entirely encapsulated in resin and then laminated to the hull while suspended on jigs fixed to the mold. Using biaxial fiberglass as a bridge, this unique suspension method eliminates contact distortion in the hull and creates a sturdy, level base so cabinets, seats and storage compartments fit perfectly every time. Incorporating this grid structure means your Formula not only looks great, but is built strong enough to hold its own offshore.



Suspended Stringer

Hand-Laid Lamination—it all starts here.

The gleaming exterior of a Formula, gelcoat, is first sprayed evenly into a carefully maintained mold. Then, precut shapes of fiberglass are layered with resin. High-tech equipment ensures the exact ratio of catalyst to resin. Each layer of glass is hand-rolled and squeegeed for uniformity and to eliminate air pockets. Divinycell® coring and Coremat® are also utilized in designated areas for added lightweight strength and the prevention of laminate weave print-thru.

Formula's lamination schedule requires several days of cure time in the mold. Volume-driven manufacturers

rush the process and release a molded part after only a day, which often leads to a foggy finish and surface distortion. Thunderbird's exacting lamination schedule ensures your Formula's smooth, flawless finish and its reliable offshore integrity.



Pultrusion

Pultrusion Reinforcement—more strength in critical areas.

Specially shaped fiberglass supports, or pultrusions, are fixed in the hull where added torsional strength is needed, such as under fuel tanks and engines. These pultrusions, custom-fabricated to Formula's specifications, are bonded to the hull using Plexus® adhesive to ensure structural integrity with no hull distortion.

Foam Injection—a solid, quiet ride.

Filling hull cavities with rigid polyurethane structural foam adds further integral strength and flotation to all Formulas. You'll appreciate another benefit of foam construction—while boats without foam have a hollow, drumming sound going over the waves, the Formula Cruiser ride is exceptionally solid and quiet.



Hand-laid lamination

Perma Panel® Matrix—guaranteed longevity.

Along with the critical importance of the design and construction of each boat's reinforcement matrix, materials used must be reliable to ensure structural longevity. The stringer system of each Formula PC is built with Perma Panel®. This specialty marine plywood is guaranteed never to succumb to fungal decay under normal marine conditions because it is pressure-treated with Osmose® CCA. The fungi that cause many boats' premature stringer failure are prevented by utilizing Perma Panel®.

Component Superiority—only the best.

At Thunderbird, component reliability is paramount. Only the best products with the best service support are considered. When evaluating new components, trained technicians in Formula's Research and Development Department first determine the quality

and endurance of each item.

According to the results, a detailed recommendation or rejection follows. If the item fails to meet our tough standards, you won't find it in a Formula.

Formula Lab Testing—nothing is left to chance.

At Thunderbird, thorough testing ensures a superior finished product, so you spend a lot more time boating and a lot less down time for repairs. Every Formula component, system and construction material is subjected to prolonged testing under conditions far more severe than normal use. Only the most reliable, most durable items are selected for a Formula.

To ensure the continuing beauty of a mirror-like finish, each arriving shipment of resin is analyzed in

Thunderbird's chemical lab before it is approved for use in your Formula. Thunderbird also carefully controls the temperature of the resin throughout storage and application, a vital step to ensure consistent results.

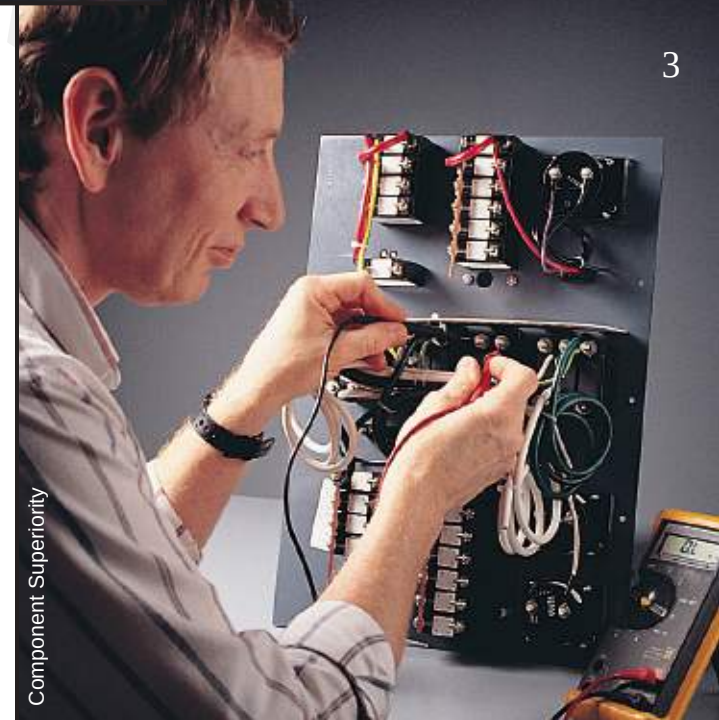


Hand rolled resins



Lab testing

The specified combination of fiberglass mat is layered with high grade resins and hand-rolled in place.



Component Superiority



Molded Cockpit

Molded Cockpit—one continuous piece.

Every Formula is designed with a continuous, one-piece foredeck and full cockpit. Molded entirely in fiberglass, this design principle greatly increases integral strength. Sleek, unbroken lines with years of lasting beauty and easy, seamless maintenance make this a feature to insist on.

Bonded Deck and Hull Joint—unitized structure.

To join the deck and hull, Formula uses a remarkably tenacious bonding agent, Plexus®. The resulting chemical meld is inseparable, far stronger than any laminated joint. This rugged durability is extremely important offshore where wave action takes its toll on all but the strongest construction.

Bolted Deck and Hull Joint—fail-safe protection.

After bonding the deck and hull with Plexus®, ¼" stainless steel truss-head thru-bolts and stainless steel load-distributing backing plates are placed along the joint at 18-inch intervals. This fail-safe procedure means you can be certain that this joint is never going to leak or break apart.

Stainless Bolts & Backing Plates—rugged reinforcement.

When cleats and other hardware are installed, stainless steel backing plates and stainless steel bolts with nylock nuts are used for reinforcement. We also align all the head slots as a finishing touch! Our hardware isn't just "lagged in," like some, but is attached in the most rugged way for integrity you can count on.



Bonded Deck

Flexible O-Rings—seal up tight.

Formula places a flexible O-ring under the head of each bolt to effect an invisible, watertight seal. Unlike silicone applications, bolts can be adjusted if necessary and the O-ring continues to prevent leaks when resealed.



O-rings

Curved Glass Windshield—clearly the best.

Formula's curved, tinted, tempered windshield is perfectly angled to deflect the rush of air from your eyes. Plus, it provides excellent visibility with no distortion. The Formula 41 PC and 27 PC provide convenient foredeck access through a hinged central panel.

316L Stainless Steel Rails—top-grade finish.

All Formula safety rails are welded 316L stainless steel, the highest marine-grade stainless available. Check out the stainless rails on other boats. If it isn't 316L, it isn't good enough.

Engine Mounts—maximum security.

While lag-bolting engines into place is common, Formula thru-bolts all engine mounts using heavy, angled ½" aluminum plates. So, your Cruiser is properly assembled to withstand the tremendous torque created by the engine at full throttle.

"Open Trap" Battery Box.

Formula uses a corrosion-resistant, non-conductive marine battery box. The "open trap" design ensures that battery gases cannot build up, and it also prevents accumulation of acid fumes and excess humidity. In

Component Superiority



addition, Formula uses deep-cycle batteries as standard in all Formula Cruisers. Deep-cycle batteries can be recharged repeatedly without losing strength. This is another way we build in reliability to keep you on the water.

The Engine Room—safety first.

Formula earns high marks for large, clean, well-organized cruiser engine rooms. The oversized engine hatch raises at the touch of a switch for easy access. Non-slip flooring is installed where you need it most. Convenience is a key consideration, so oil filters are easily reached for a quick change. You'll also appreciate safety features like the automatic bilge pump, bilge high water alarm, engine room fume detector and the automatic fire extinguishing system.

Electrical Service—depend on it.

Formula is famous for its meticulous electrical circuitry. Instead of pre-insulated connectors common in the industry, each Formula connection is individually secured with a visible crimp. The resulting fail-safe connection is then insulated with double-walled shrinktubing—the inner wall of hot-melt adhesive forms an impenetrable barrier against water and corrosion, and the outer wall insulates the connector to prevent shorts. Formula wiring harnesses consist of color-coded wires for easy identification which are then routed through flexible conduit for protection and security. If service is necessary, panels can be easily removed and plenty of harness slack is provided to work with. You can depend on Formula electrical systems to be up and running for all your good times on the water.



Quality in Every Detail

Heavier Gauge Wire—bigger is better.

In many places, Formula uses heavier wire than the industry norm for maximum reliability, extended life for motorized componentry and less maintenance overall. To further ensure trouble-free service, all major harness runs are integrated with transparent, multiple pin quick disconnects that are tie-wrapped together and taped at each junction. These extra measures create a secured, weatherproof connection that is far superior to other methods commonly employed.



Electrical

Electronics—room to expand.

When you add a GPS or VHF radio to your helm station, Formula installs the latest in quality electronics. The dash panel of your Cruiser is designed to accommodate other accessories that you select such as autopilot, fish finder, chart plotter or radar (on the 41 PC). Formula attaches the instrument panel with recessed nutserts to allow for easy accessory installation, and also to facilitate inspection or service.

Noise Suppression System—all the music, none of the static.

Thunderbird installs a custom-designed noise suppression system that effectively eliminates the alternator's interference in stereo performance. Whether you like to listen to classical, jazz, country or rock, you enjoy every last note without static, even with the engines running. This important detail increases Formula boating pleasure for you.



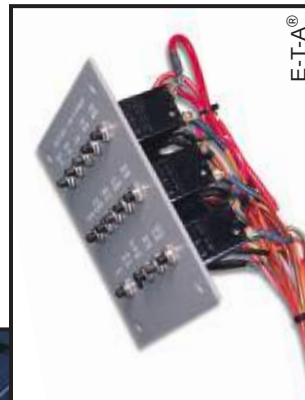
Cruiser Helm

Formula's Cruiser Helm—ergonomic perfection.

Formula designs the entire Performance Cruiser helm to ergonomic perfection. The proximity of the driver's seat and the shifters, throttles, gauges and accessory switches is carefully considered in each new model. Everything is easily seen and reached, giving you the utmost in informed control at the helm.

Rocker Control Switches—reliable and waterproof.

Formula's accessory rocker switches are backlit for easy function identification and ready access. They keep you in touch with all systems. Plus, specialized design prevents water from seeping under and causing a malfunction.



E-T-A®

E-T-A® Circuit Breakers—hassle-free protection.

Formula protects your boat's electrical system with circuit breakers from E-T-A®, long recognized as a leader in overcurrent protection. E-T-A® circuit breakers are used in high-end marine, aircraft, military and automotive industries. These

breakers give you the assurance of electrical circuit security with the convenience of a simple "push-push" design. Push to reset or to manually disconnect the circuit—no more fumbling for proper-ampage fuses! Go offshore with the confidence that your Formula and all aboard are safeguarded by quality electrical components.



Dual-Position Helm Seat

Formula Dual-Position Helm Seat—comfort all the way.

Formula engineers know how important comfortable command is, whether you're just going for the day or a longer cruise. A specially designed helm seat on all Performance Cruisers gives you the option of sitting, standing or leaning back against the well padded, hinge-up bottom section. This feature reduces fatigue by allowing you to vary your driving position. Formulas are designed for people who boat a lot, so you will appreciate this benefit often.

Wood-Free Cockpits—Yes!

You want a cockpit that will hold up in the great outdoors, so Formula uses Kelron® marine panel, a polyurethane sheet material, as an alternative to wood in coaming panels, internal seat structure and reinforcing panels. We also use rotocast and fiberglass shapes as the core for sturdy, virtually indestructible seats that can take it year after year. Removing wood from the cockpit not only extends the serviceability of your Formula but also increases your pleasure in its continued good looks.



Wood-Free Cockpit



Formula cabinetry is expertly designed and skillfully tooled. The clean presentation and precise fit are the result of our exacting assembly methods and top-quality materials. Using the CAD/CAM system, programmed routers cut, drill and groove cell-cast plexiglass, laminates, reflective acrylics and wood precisely to specifications for a perfect fit every time.

Formula reinforces cabinet installation with heavy-duty stainless steel L-brackets and installs protective plastic grommets for electrical wiring runs. Positive locking latches keep doors securely closed while underway.



Bring on all the items you like to have aboard—there's a place for everything in a Formula Performance Cruiser.

Formula excels in carefully designed, comfortable seating. Human dimension criteria is utilized to achieve correct contouring. Separate, preshaped foam components are arranged in each seat to provide optimal lumbar and leg support. Every Formula seat is "the best in the house."

Formula's durable cockpit upholstery is transportation grade, so it takes lots of outdoor wear and still looks great. This top quality vinyl is color-permeated to match Formula Imron® colors. Specially treated to resist staining, Formula's custom white vinyl remains comfortably cool to the touch even in direct sunlight. With an expanded knit back, Formula vinyl holds its shape much better than ordinary vinyls. You'll appreciate the like-new appearance for years to come.

Formula's computer-based cutting system, the GERBERCutter®, is a CAD/CAM system for upholstery fabrics. Parts are cut rapidly and with unvarying consistency. The GERBERCutter® allows for more complex patterning and contouring which greatly enhances the appearance and overall finish of Formula upholstery.

As you relax in the cabin, UltraLeather HP™ upholstered lounge seating creates a pleasurable retreat. UltraLeather HP™ has the rich feel of the most supple leather, but is surprisingly tough and durable. It is also practical—spills wipe up easily. Comfort, beauty and function combine naturally in a Formula Cruiser cabin appointed with elegant UltraLeather HP™ materials.

Formula utilizes special polyurethane Dri-Fast® foam in cockpit seating. Its construction allows water to pass through at once, so you avoid the discomfort of soggy, wet seats and the musty odors generated by saturated cushions. This Formula feature is sure to please everyone.



Slide behind the wheel of your new Cruiser—Formula in-water testing means it is turn-key ready for you. Every Formula is individually tested in one of four test tanks. The extensive checklist program ensures that engines are operating at peak efficiency, and that all instruments, systems and accessories are in perfect working order. In other untested boats, system failures are discovered by the owner. Not so in your Formula. It has been thoroughly checked out and it is ready to perform.

During the test tank procedure, every Formula is subjected to a continuous spray of water on the deck to confirm a watertight seal. Technicians inspect the seal around deck hatches and around hardware and fixtures. Windshield-to-deck surfaces are sprayed from the cockpit and all cockpit drains have gallons of water run through to check for positive discharge flow. Hose off your deck with complete confidence. You won't be surprised by a leak in your new Formula!



Formula technicians carefully hand mark and mask each color area of your design, then apply the colors one at a time in a dust-free spray booth. Extra care is taken to prepare the area for the paint. The end result is an elegant graphic that retains its original beauty with minimal care.

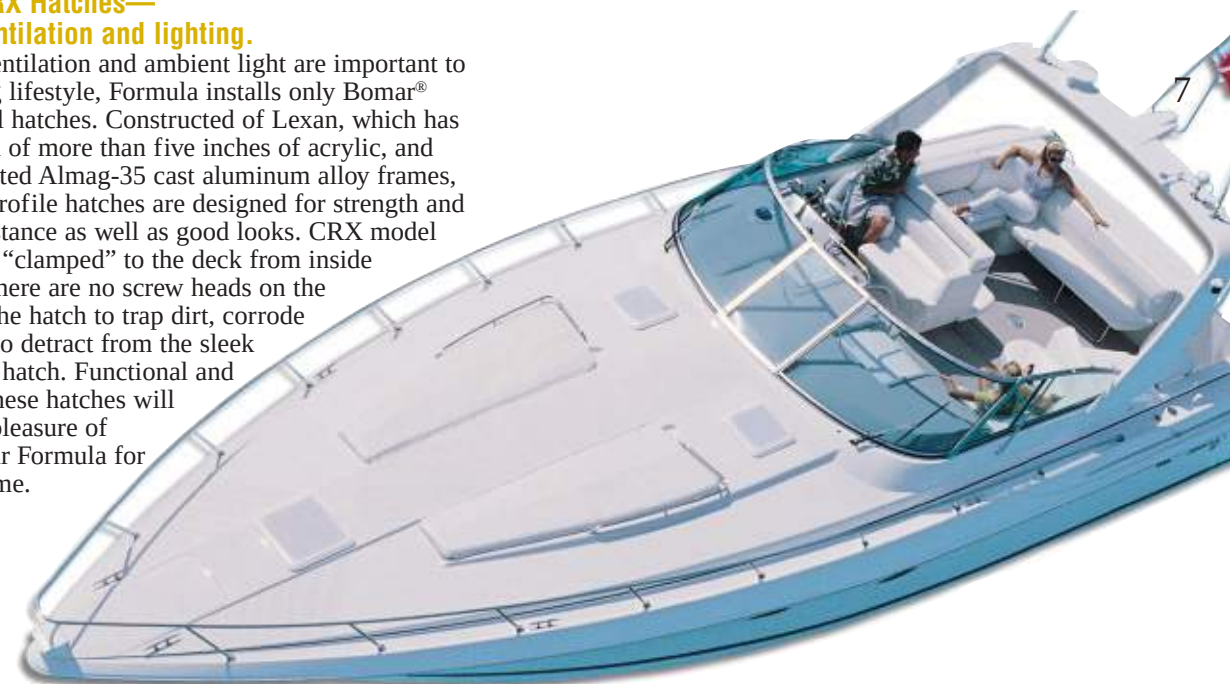


As cabin ventilation and ambient light are important to the cruising lifestyle, Formula installs only Bomar® CRX model hatches. Constructed of Lexan, which has the strength of more than five inches of acrylic, and powder-coated Almag-35 cast aluminum alloy frames, these low-profile hatches are designed for strength and pitting resistance as well as good looks. CRX model hatches are “clamped” to the deck from inside the boat—there are no screw heads on the outside of the hatch to trap dirt, corrode or leak, or to detract from the sleek lines of the hatch. Functional and beautiful, these hatches will add to the pleasure of owning your Formula for years to come.



Formula owners enjoy many more hours of carefree boating because of Thunderbird's Quality Assurance Program. The QAP inspection involves both corporate and production employees who go over the finished product as if they were prospective owners. Every detail is examined from the consumer's critical viewpoint. This final inspection not only helps deliver a perfect Formula to you, but it also reinforces each employee's personal commitment to top quality. Once approved, the Formula has finally earned its marque of true excellence—the gleaming Formula name and prestigious Thunderbird emblem.

*In the elite domain
of luxury cruising,
Formula is Number One!*





41 PC COCKPIT



SPECIFICATIONS

Centerline Length	41'0"	12.49 m
Length w/bow platform	43'0"	13.12 m
Maximum Beam	13'6"	4.11 m
Approx. Weight (gas/diesel)	18,520/21,015 lbs	8,401/9,532kg
Cabin Headroom	6'7"	2.01 m
Fuel Capacity (gas/diesel)	308/346 gal	1,166/1,310 L
Water Capacity	81 gal	307 L
Holding Tank Capacity	30 gal	113 L
Bridge Clearance (dry)	11'0"	3.35 m
Draft	33"	.83 m
Deadrise	18°	18°

Titanium Imron® and cockpit accent striping

41 PC STANDARD EQUIPMENT

EXTERIOR • NMMA Yacht Certification • Transferable 5-year limited deck & hull warranty • Foam-filled hull cavities • Imron® & cockpit accent striping • Chemically bonded & thru-bolted deck-to-hull joint • Heavy duty PVC gunwale w/stainless steel insert • Tinted, tempered curved glass windshield • Windshield wipers • Windshield center walk-thru • Stainless steel hardware & 316L stainless welded rails • 3 Bomar® cabin venting hatches w/screens • 6 port lights w/screens & draperies • Nonskid deck center walkway & walk-around • Integrated bow platform • Concealed anchor davit w/fiberglass anchor locker • Two Dri-Fast® foam deck sunpads w/316L stainless rails • Aluminum radar arch w/integrated flagstaff/mast light • Air horn • Integrated swim platform • Concealed 316L stainless steel swim ladder • Outboard motor stowage & fender access from swim platform • Concealed transom hookups for city water, cable TV & telephone w/shorepower cord feed apertures.

COCKPIT • One-piece fiberglass deck & cockpit liner • Complete VDO® Vanguard™ backlit instrumentation/flush-mounted • Rudder indicator • Synchronizing tachometer • Raytheon® RayData depth/speed/water temperature display • Ritchie® compass • Teleflex® shift & throttle controls • Hydraulic steering w/tilt stainless steel wheel • Protected chart storage, dash locker & drink holders • Auxiliary 12V outlet • Dash-

mounted stereo volume control • Two 200W 6"x9" 3-way speakers & two arch-mounted 100W 6 ½" 2-way marine-grade speakers • Cellular phone hookup w/external antenna • Illuminated waterproof accessory rocker switches w/E-TA® circuit breakers • Battery parallel switch • Cockpit courtesy lighting • Weather-resistant cockpit seating featuring Dri-Fast® foam & Keltron® synthetic marine panel construction • Triple command seating w/dual-position helm seat & fiberglass-lined storage • Molded fiberglass in-dash deck access steps • Port lounge w/pneumatic hatch lift & fiberglass-lined storage • U-shaped lounge seating w/fold-away aft lounge & fiberglass-lined storage • Integral 316L stainless safety rails • Molded fiberglass wetbar w/Corian® countertop, combination refrigerator/ice maker & 120V GFCI outlet • Fire extinguisher • Disconnect switches for house & starting batteries • 120V shorepower w/galvanic isolator and two 30-amp cords • Line locker • Concealed fender storage aft • Pneumatic-assist transom door • Transom shower w/hot/cold controls

ENGINE ROOM • Twin engine installation • Motorized hatch lift • Integrated quick access engine hatch • Courtesy lighting • Fume detector • Automatic fire extinguisher • Thru-bolted engine mounts • Remote oil filters • Remote 12V oil change system • Alternator noise filters • Engine raw water strainers/seacocks • AIRSEP® intake filters (diesel only) • Side discharge muffler system • 3 deep-cycle batteries

w/battery retainers • 80-amp battery charger • Galvanic corrosion protection system • Low-noise rotary bilge blowers • Automatic bilge pumps (2) • Bilge high water alarm • Bennett® hydraulic trim tabs w/indicators • Bronze rudders & struts • 2" stainless steel Aquamet 19 propeller shafts (1 ¾" gas only) • 4-blade niral props

41 PC AVAILABLE EQUIPMENT • Electric windlass w/200' chain & Bruce® anchor • Remote control halogen searchlight • Polished stainless steel windshield frame • Raytheon® VHF radio • Raytheon® GPS navigational system • Raytheon® GPS navigational system w/620 chart plotter • 8KW Kohler® gas generator w/battery • 9KW Kohler® diesel generator w/battery • Engine freshwater flush system • Glendinning® automatic engine synchronizer (diesel only) • Power steering (diesel only) • Personal watercraft hydraulic lift system • Berber cockpit carpet • Aft sun lounge package w/two dual-height cockpit tables & filler cushions • Four fenders w/Sunbrella® covers • Sunbrella® Bimini top w/vinyl undercoating & SeaMark® water-repellent finish & front, side & extended aft cockpit enclosure • Sunbrella® cockpit cover w/vinyl undercoating & SeaMark® water-repellent finish • Sunbrella® storage cover • CE certification





41 PC CABIN

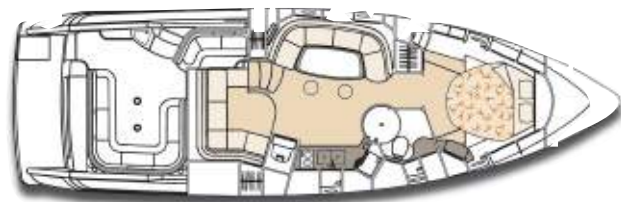


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41 PC CABIN STANDARD EQUIPMENT

- Sliding/locking cabin door • UltraLeather HP™ headliner • Private forward stateroom w/centerline bed, innerspring mattress & storage below • Individual reading lights • Cedar-lined hanging locker w/automatic light • Built-in WalVac® sweeper system • Curved UltraLeather HP™ sofa seating w/dual-height dining table & filler cushion • Cabinetry in maple or cherry finish • Two padded UltraLeather HP™ pedestal dining stools • Decor pillows • Phone w/cord • 20" stereo TV/VCR in main salon w/dockside access cord • Kenwood® remote control AM/FM auto-reverse cassette w/stealth retraction faceplate, 10-disc CD player, cabin & dash-mounted remote controls & 800W amplification • Two 150W 6" 3-way speakers & two 260W 6"x9" 3-way speakers • UltraLeather HP™ aft cabin lounge/double berth w/filler cushion & privacy enclosure • Cocktail table • Aft cabin hanging locker w/automatic light • In-floor storage compartments • Complete entertainment galley w/storage, dovetailed maple drawers & 120V/12V standup refrigerator/freezer w/panels and cabinet doors in maple or cherry finish; full Corian® countertop; polished double-bowl stainless sink w/flush Corian® covers; Gourmet Spray® faucet; 2-burner electric stove w/exhaust fan;

- convection/microwave oven; coffee maker & concealed in-counter trash receptacle • Demand water system • Water level gauge • 120V water heater w/heat exchanger • Dual-entry molded fiberglass private head compartment w/molded fiberglass vanity, Corian® counter, polished stainless sink, VacuFlush® unit w/holding tank & pumpout, separate circular stall shower w/curved acrylic door & molded-in shelf & exhaust fan • 120V & 12V electrical panels • Fire extinguisher • Carbon monoxide fume detector • In-floor cabin bilge pump



41 PC CABIN AVAILABLE EQUIPMENT

- 23,000 BTU reverse cycle air conditioner w/two-zone digital climate control • VacuFlush® unit w/Y-valve for macerator discharge or pump-out • Gray water holding system • 13" TV/VCR in master stateroom • Custom quilted bedspread & pillow shams • Bed linens & towels





34 PC COCKPIT



SPECIFICATIONS		
Centerline Length	34'0"	10.36 m
Length w/Bow Pulpit	37'0"	11.28 m
Maximum Beam	12'0"	3.66 m
Approximate Weight	13,000 lbs	5,897 kg
Cabin Headroom	6'5"	1.95 m
Fuel Capacity	222 gal	840 L
Water Capacity	60 gal	227 L
Holding Tank Capacity	40 gal	151 L
Bridge Clearance (dry)	10'0"	3.05 m
Draft	38"	.97 m
Deadrise	18°	18°

Emerald Imron® and cockpit accent striping

34 PC STANDARD EQUIPMENT

EXTERIOR • NMMA Yacht Certification • Transferable 5-year limited deck & hull warranty • Foam-filled hull cavities • Imron® & cockpit accent striping • Chemically bonded & thru-bolted deck-to-hull joint • Heavy duty PVC gunwale w/stainless steel insert • Tinted, tempered curved glass windshield • Windshield wipers • Stainless steel hardware & 316L stainless welded rails • 3 Bomar® cabin venting hatches w/screens • 6 port lights w/screens & draperies • Nonskid walk-around deck • Integrated fiberglass bow pulpit • Anchor davit w/hawse pipe • Radar arch • Air horn • Integrated swim platform w/316L stainless steel ladder

COCKPIT • One-piece fiberglass deck & cockpit liner • Weather-resistant cockpit seating featuring Dri-Fast® foam & Keltron® synthetic marine panel construction • Dual-position command bucket seat • Double port seat • Fold-away aft U-shaped lounge • Molded fiberglass wetbar • PFD in-floor storage • Concealed fender storage • Bow & cockpit line lockers • Dino™ steering wheel w/tilt helm • Complete VDO® Vanguard™ backlit instrumentation/flush-mounted • VDO® engine synchronizer gauge • Digital depth sounder • Ritchie® compass • Kiekhaefer® Zero Effort™ shift/throttle controls •

Auxiliary 12V outlet • Fingertip boat leveler & trim switches • Illuminated waterproof accessory rocker switches w/E-TA® circuit breakers • Battery parallel switch • Stereo volume control • Two arch-mounted 100W 6 ½" two-way marine-grade speakers • Cockpit courtesy lighting • Disconnect switches for house & starting batteries • 120V shorepower w/galvanic isolator & two 30-amp cords • Transom shower w/hot/cold controls • Fire extinguisher

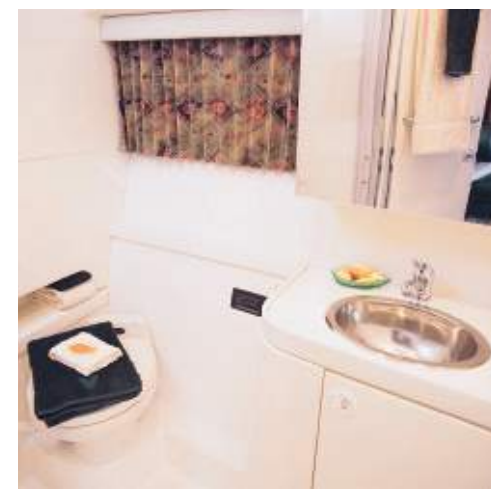
ENGINE ROOM • Twin engine installation • Motorized hatch lift • Courtesy lighting • Fume detector • Automatic fire extinguisher • Thru-bolted engine mounts • Remote oil filters • Active & passive galvanic corrosion protection systems • Alternator noise filters • Starting battery & deep-cycle battery w/battery retainers • 60-amp battery charger • Low-noise rotary bilge blowers • Automatic bilge pump • Bilge high water alarm • Bennett® hydraulic trim tabs • Stainless props (gas only)

34 PC AVAILABLE EQUIPMENT

• Electric windlass w/200' chain & Bruce® anchor • 5" remote control searchlight • Remote control halogen searchlight • Bow docking lights • VHF radio w/antenna • GPS navigational system • Closed-water cooling system • Engine freshwater flush system • 7.3KW Kohler® gas generator w/battery • 5KW Kohler® diesel generator w/battery • Berber cockpit carpet • 120V ice maker • Aft sun lounge package w/2 dual-height tables & sun pad inserts • Folding sun pad & foredeck rails • Four fenders w/Sunbrella® covers • Sunbrella® Bimini top w/vinyl undercoating & SeaMark® water-repellent finish & front, side & extended aft cockpit enclosure • Sunbrella® cockpit cover w/vinyl undercoating & SeaMark® water-repellent finish • Sunbrella® storage cover • CE certification



34 PC CABIN

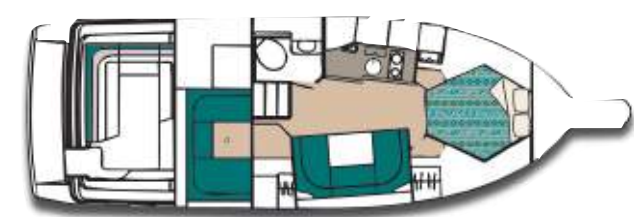


34 PC CABIN STANDARD EQUIPMENT

- Sliding/locking cabin door • Forward stateroom w/centerline bed/double berth • Hanging locker w/cedar panel & automatic light • UltraLeather HP™ dinette area/double berth w/filler cushions • Decor pillows • UltraLeather HP™ aft lounge/double berth w/filler cushions • Cocktail table • Illuminated hanging locker • Aft cabin privacy curtains • In-floor cabin storage compartments • Complete entertainment galley w/storage, drawers & 120V/12V refrigerator w/panels and cabinet doors in maple or cherry finish; upper galley brass trim; full Corian® countertop; round, polished stainless sink; demand water system & concealed in-counter trash receptacle • 120V water heater w/heat exchanger • Private head w/VacuFlush® unit w/holding tank & pump-out, separate stall shower, exhaust fan, molded fiberglass vanity & stainless sink • 120V & 12V electrical panels • Kenwood® AM/FM auto-reverse cassette stereo w/high-power output • Two 100W 6 1/2" 2-way marine-grade speakers • Fire extinguisher • Carbon monoxide fume detector • In-floor cabin bilge pump

34 PC CABIN AVAILABLE EQUIPMENT

- Entertainment Group—13" TV/VCR & antenna, phone, dockside access cords for cable TV & phone • Kenwood® AM/FM single CD stereo w/high-power output • Kenwood® remote control AM/FM auto-reverse cassette w/stealth retraction faceplate, cabin & dash-mounted remote controls & 140W amplification • Kenwood® remote control AM/FM auto-reverse cassette w/10-disc CD player, stealth retraction faceplate, cabin & dash-mounted remote controls & 140W amplification • 1500W/120V cabin heater • 16,000 BTU reverse cycle air conditioner w/digital climate control • Microwave oven • Two-burner electric stove • WalVac® sweeper • VacuFlush® unit w/holding tank & Y-valve for macerator discharge or pump-out • Gray water holding system • Custom quilted bedspread w/matching pillow shams • Bed linens & towels





31 PC COCKPIT



SPECIFICATIONS

Centerline Length	31'0"	9.45 m
Length w/ Bow Pulpit	34'0"	10.36 m
Maximum Beam	11'0"	3.35 m
Approximate Weight	11,730 lbs	5,321 kg
Cabin Headroom	6'4"	1.93 m
Fuel Capacity	180 gal	681 L
Water Capacity	50 gal	190 L
Holding Tank Capacity	40 gal	151 L
Bridge Clearance (dry)	10'0"	3.05 m
Draft	41"	1.04 m
Deadrise	19°	19°

Titanium Imron® and cockpit accent striping

31 PC STANDARD EQUIPMENT

EXTERIOR • NMMA Yacht Certification • Transferable 5-year limited deck & hull warranty • Foam-filled hull cavities • Imron® & cockpit accent striping • Chemically bonded & thru-bolted deck-to-hull joint • Heavy duty PVC gunwale w/ stainless steel insert • Tinted, tempered curved glass windshield • Windshield wipers • Stainless steel hardware & 316L stainless welded rails • 3 Bomar® cabin venting hatches w/ screens • 6 port lights w/ screens & draperies • Nonskid walk-around deck • Integrated fiberglass bow pulpit • Anchor davit w/ hawse pipe • Anchor line locker • Radar arch • Air horn • Integrated swim platform • Concealed 316L stainless swim ladder
COCKPIT • One-piece fiberglass deck & cockpit liner • Weather-resistant cockpit seating featuring Dri-Fast® foam & Kelon® synthetic marine panel construction • Twin command seating w/ dual-position helm seat • Double port seat w/ pneumatic hatch lift & storage below • Fold-away aft U-shaped lounge seating • Molded fiberglass wetbar • Concealed fender storage • Dino™ steering wheel w/ tilt helm • Complete VDO® Vanguard™ backlit instrumentation/flush-mounted • VDO® engine synchronizer gauge

• Digital depth sounder • Ritchie® compass • Shift/throttle controls w/ trim switches • Auxiliary 12V outlet • Fingertip boat leveler switches • Illuminated waterproof accessory rocker switches w/ E-T-A® circuit breakers • Battery parallel switch • Disconnect switches for house & starting batteries • 120V shorepower w/ galvanic isolator & two 30-amp cards • Stereo volume control • Two arch-mounted 100W 6 ½" 2-way marine-grade speakers • Cockpit courtesy lighting • Transom shower • Fire extinguisher
ENGINE ROOM • Twin engine installation • Motorized hatch lift • Courtesy lighting • Fume detector • Automatic fire extinguisher • Thru-bolted engine mounts • Remote oil filters • Active & passive galvanic corrosion protection systems • Alternator noise filters • Starting battery & deep-cycle battery w/ battery retainers • 50-amp battery charger • Low-noise rotary bilge blowers • Automatic bilge pumps • Bilge high water alarm • Bennett® hydraulic trim tabs • Stainless steel props (gas only)

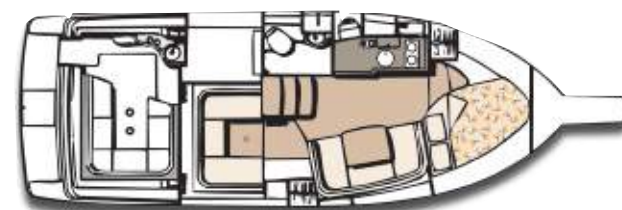
31 PC AVAILABLE EQUIPMENT

• Electric windlass w/ 150' chain & Bruce® anchor • 5" remote control searchlight • Bow docking lights • VHF radio w/ antenna • GPS navigational system • Closed-water cooling system • Engine freshwater flush system • 7.3KW Kohler® gas generator w/ battery • 5KW Kohler® diesel generator w/ battery • Berber cockpit carpet • 120V ice maker • Aft sun lounge package w/ 2 dual-height tables & sun pad inserts • Folding sun pad & foredeck rails • Four fenders w/ Sunbrella® covers • Sunbrella® Bimini top w/ vinyl undercoating & SeaMark® water-repellent finish & front, side & extended aft cockpit enclosure • Sunbrella® cockpit cover w/ vinyl undercoating & SeaMark® water-repellent finish • Sunbrella® storage cover • CE certification





31 PC CABIN



31 PC CABIN STANDARD EQUIPMENT

- Sliding/locking cabin door
- Forward stateroom/double berth
- Hanging locker w/cedar panel & automatic light
- UltraLeather HP™ dinette area/double berth w/filler cushions
- Decor pillows
- UltraLeather HP™ aft cabin lounge/double berth w/filler cushions
- Cocktail table
- Illuminated hanging locker
- Aft storage compartment
- Aft cabin privacy curtains
- Complete entertainment galley w/storage, drawers & 120V/12V refrigerator w/panels and cabinet doors in maple or cherry finish; upper galley brass trim; full Corian® countertop; round, polished stainless sink; demand water system & concealed in-counter trash receptacle
- 120V water heater w/heat exchanger
- Private head w/VacuFlush® unit w/holding tank & pump-out, shower, exhaust fan, molded fiberglass vanity & stainless sink
- 120V & 12V electrical panels
- Kenwood® AM/FM auto-reverse cassette stereo w/high-power output
- Two 100W 6 1/2" 2-way marine-grade speakers
- Fire extinguisher
- Carbon monoxide fume detector
- In-floor cabin bilge pump

31 PC CABIN AVAILABLE EQUIPMENT

- Entertainment Group—Remote control 13" TV/VCR & antenna, phone, dockside access cords for cable TV & phone
- Kenwood® AM/FM single CD stereo w/high-power output
- Kenwood® remote control AM/FM auto-reverse cassette w/stealth retraction faceplate, cabin & dash-mounted remote controls & 140W amplification
- Kenwood® remote control AM/FM auto-reverse cassette w/stealth retraction faceplate, 10-disc CD player, cabin & dash-mounted remote controls & 140W amplification
- 1500W/120V cabin heater
- 12,000 BTU reverse cycle air conditioner w/digital climate control
- Microwave oven
- Two-burner electric stove
- WalVac® sweeper
- VacuFlush® unit w/holding tank & Y-valve for macerator discharge or pump-out
- Gray water holding system
- Custom quilted bedspread w/matching pillow shams
- Bed linens & towels



27 PC COCKPIT



SPECIFICATIONS

Centerline Length	27'0"	8.22 m
Length w/Bow Platform	28'2"	8.58 m
Maximum Beam	9'7"	2.90 m
Approximate Weight	9,500 lbs	4,309 kg
Fuel Capacity	107 gal	407 L
Water Capacity	26.5 gal	101 L
Holding Tank Capacity	30 gal	114 L
Cabin Headroom	6'4"	1.93 m
Bridge Clearance (dry)	9'6"	2.90 m
Draft	41"	1.04 m
Deadrise	18°	18°

Sapphire Imron® and cockpit accent striping



27 PC STANDARD EQUIPMENT

EXTERIOR • NMMA Yacht Certification • Transferable 5-year limited deck & hull warranty • Foam-filled hull cavities • Imron® & cockpit accent striping • Chemically bonded & thru-bolted deck-to-hull joint • Heavy duty PVC gunwale w/stainless steel insert • Tinted, tempered curved glass windshield • Windshield wiper • Stainless steel hardware & 316L stainless welded rails • 3 Bomar® cabin venting hatches w/screens • 4 port lights w/screens & draperies • Nonskid foredeck • Integrated bow platform • Concealed anchor davit w/fiberglass anchor locker • Radar arch • Air horn • Integrated swim platform • Concealed 316L stainless swim ladder

COCKPIT • One-piece fiberglass deck & cockpit liner • Weather-resistant cockpit seating featuring Dri-Fast® foam & Kelon® synthetic marine panel construction • Twin command seating w/two-position helm seat & fiberglass-lined storage • Fold-away L-shaped aft seating • Double port lounge • Integral molded fiberglass wetbar • Concealed fender storage w/two fenders • Molded fiberglass in-dash deck access

steps • Dino™ steering wheel w/tilt helm • Complete VDO® Vanguard™ backlit instrumentation/flush-mounted • Digital depth sounder • Ritchie® compass • Shift/throttle controls w/trim switches • Auxiliary 12V outlet • Fingertip boat leveler switches • Illuminated waterproof accessory rocker switches w/E-TA® circuit breakers • Battery parallel switch • Disconnect switches for house & starting batteries • 120V shorepower w/galvanic isolator & 30-amp cord • Stereo volume control • Two arch-mounted 100W 6 1/2" 2-way marine-grade speakers • Cockpit courtesy lighting • Fire extinguisher

ENGINE ROOM • Twin engine installation • Motorized hatch lift • Courtesy lighting • Fume detector • Automatic fire extinguisher • Thru-bolted engine mounts • Remote oil filters • Active & passive galvanic corrosion protection systems • Alternator noise filters • Starting battery & deep-cycle battery w/battery retainers • 50-amp battery charger • Low-noise rotary bilge blowers • Automatic bilge pump • Bilge high water alarm • Bennett® hydraulic trim tabs • Stainless steel props (gas only)

27 PC AVAILABLE EQUIPMENT

• Electric windlass w/75' chain & Bruce® anchor • 5" remote control searchlight • Bow docking lights • VHF radio w/antenna • GPS navigational system • Closed-water cooling system • Engine freshwater flush system • 5KW Kohler® gas generator w/battery • 5KW Kohler® diesel generator w/battery • Berber cockpit carpet • Aft sun lounge package w/dual-height cockpit table & filler cushion • Transom shower • Sunbrella® Bimini top w/vinyl undercoating & SeaMark® water-repellent finish & front, side & extended aft cockpit enclosure • Sunbrella® cockpit cover w/vinyl undercoating & SeaMark® water-repellent finish • Sunbrella® storage cover • CE certification



27 PC CABIN

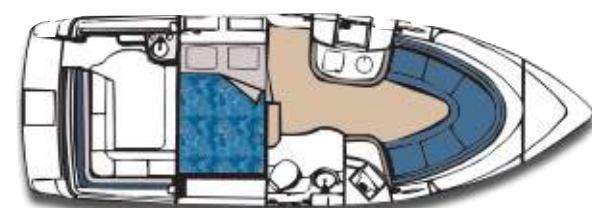


27 PC CABIN STANDARD EQUIPMENT

- Sliding/locking cabin door • UltraLeather HP™ U-shaped forward dinette lounge/double berth w/filler cushions • Decor pillows • Aft stateroom/double berth • Cedar-lined hanging locker • Linen storage • Aft stateroom privacy curtains • Complete molded fiberglass entertainment galley w/ storage & drawers, round, polished stainless sink, Corian® trim & demand water system • Manual porcelain head unit w/holding tank & pump-out, shower, exhaust fan, molded fiberglass vanity & stainless sink • 120V & 12V electrical panel • Kenwood® AM/FM auto-reverse cassette stereo w/high-power output • Two 100W 6 ½" 2-way marine-grade speakers • Fire extinguisher • Carbon monoxide fume detector • In-floor cabin bilge pump

27 PC CABIN AVAILABLE EQUIPMENT

- Entertainment group—Remote control 13" TV/VCR & antenna, phone, dockside access cords for cable TV & phone • Kenwood® AM/FM single CD stereo w/high power output • Kenwood® remote control AM/FM auto-reverse cassette w/stealth retraction faceplate, cabin & dash-mounted remote controls & 140W amplification • Kenwood® remote control AM/FM auto-reverse cassette w/stealth retraction faceplate, 10-disc CD player, cabin & dash-mounted remote controls & 140W amplification • 1500W/120V cabin heater • 9000 BTU reverse cycle air conditioner w/digital climate control • Microwave oven • Electric/alcohol stove • 120V water heater w/heat exchanger • Manual porcelain head unit w/holding tank & Y-valve for macerator discharge or pump-out • VacuFlush® unit w/holding tank & pump-out • VacuFlush® unit w/holding tank & Y-valve for macerator discharge or pump-out • Gray water holding system • Custom quilted bedspread w/matching pillow shams • Bed linens & towels





Imron® Color Accents

Your selection of an exterior color accent reflects your personal taste. Formula's use of Imron®, a DuPont polyurethane enamel, will keep your graphic beautiful year after year.



Titanium



Emerald



Sapphire



Cabin Decor

Formula cabin decor perfectly complements your exterior color choice with tasteful designer expertise.



Make it your FORMULA!

Formula Facts

Formula powerboats lineup includes Cruiser, FAS³TECH and Sun Sport models. You want adrenaline-pumping speed? Enter the now-famous FAS³TECH hull. Ranging from 27 to 41 feet, the lineup includes the 382 FAS³TECH, pictured right bottom. The popular Formula Sun Sport lineup includes the 400 Super Sport, right middle. Sun Sports are perfect for day-boating and range from 26 to 40 feet, including bowrider and closed bow models.

Call 1-800-736-7685 to receive a free brochure, or visit your nearest Formula dealer to see the new Formula models for 2000.



Sun Sport Bimini top with front, side and extended aft cockpit enclosure

Formula Canvas

Formula custom-fitted canvas features color-matched, non-fading Sunbrella® fabric with vinyl undercoating and SeaMark™ water-repellent finish; 316L stainless steel framework and weather-resistant YKK zippers.



Sun Sport cockpit cover and bow tonneau cover (BR models only)



400 Super Sport Bimini top



Formula Gear

Formula Gear and Accessories are all top quality and feature the impressive Formula logo. If you like up-to-date colors and casual styling, visit your Formula dealer for a free catalog, or call 1-800-736-7685 to receive your free catalog from Thunderbird.



The Formula *Action*

The Formula *Action* is a Thunderbird news publication filled with company updates, new model information and owner boating experiences. The *Action* is mailed to Formula owners and is also available at your Formula dealership, or call 1-800-736-7685 to receive a free copy.

Formula Video

The 2000 Formula video features Formula Cruiser, FAS³TECH and Sun Sport powerboats in exciting action along with a brief walk-through of the Thunderbird facility. Call 1-800-736-7685 to receive your free video.



Formula Canvas

Formula custom-fitted canvas features color-matched, non-fading Sunbrella® fabric with vinyl undercoating and SeaMark™ water repellent finish; 316L stainless steel framework and weather-resistant YKK zippers.



Cruiser Bimini top



Cruiser Bimini top with front, side and extended aft cockpit enclosure

Formula reserves the right to make product changes and improvements throughout the model year.

