



F-27 FEATURES AND OPTIONS



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STANDARD FEATURES

August, 1990

The following features are included in the Base Price:

NPG Gelcoat: The most water resistant gelcoat available, which is then backed up by AME 4000 resin, an Acrylic Modified Epoxy.

Contrasting Color Non-Skid: Color Beige

Self-Draining Cockpit: With storage lockers both sides

Built-In Outboard Well: Keeps outboard further forward, helping to avoid cavitation in a chop.

Stainless Steel Bow and Stern Pulpits

Three Large Through Bolted Mooring Cleats

Large Self-Draining Anchor Well: This also incorporates two special interior vent inlets for circulation of fresh, dry cabin air, even when raining.

Aqua Signal Series 25 Bow and Stern Nav. Lights

Steaming Light and Decklight

Isomat Anodized Mast Section and Boom

All Stainless Steel 1 x 19 Rigging, 1/4" Diameter

Internal Main and Jib Halyards: 7 x 19 stainless steel with rope tails spliced on. All halyards are then led aft to rope clutches and winches.



Roller Furling Boom: Mainsail is easily stowed away on the boom, by simply rotating the handle on the front of the mast. Can also be used for infinite reefing or in conjunction with slab reefing.

Slab Reefing: Complements the roller furling boom.

(2) Lewmar 40 Two Speed Primary Winches
(1) Lewmar 30 Two Speed Self-tailing Halyard Winch.

Harken 'Big Boat' Roller Bearing Traveler (with stop controls)
Harken Hexa-Cat 8 : 1 Mainsheet System

Internal 8 : 1 Clew Outhaul for Mainsail

Aft Mast Support: Supports mast while trailering. Mast lies on a roller for easy single-handed moving when raising.

Lewmar Foredeck and Float Hatches

Sealed 'Stowaway' Deep Cycle Battery

Three Interior Lights: Main cabin being fluorescent

Circuit Breaker Switch Panel and Battery Test Meter: Includes 3 extra circuit breakers, wired for any accessories.

Stainless Steel Galley Sink with Hand Pump and 15 gal. Water Tank

Head Compartment with Privacy Curtain

Interior Cushions and Molded Fabric Lined Interior

Tinted Plexiglass Windows and Hatch Slides

Insulated Fasteners: All stainless steel fasteners are insulated from aluminum by nylon washers to prevent corrosion

Tool Kit: Set of tools plus a selection of spare parts



Single-Handed Mast Set-Up: Custom mast step and raising bar (drops in place across forward beam tops) allows easy single-handed mast raising, on the trailer or water. The mast is stepped so it pivots in line with the shrouds, and thus cannot go sideways while being raised by the trailer winch.

All specifications and standard features are subject to change at any time

OPTIONS

The following Options may be added for an additional cost, as detailed on the separate Price List

Vanity Unit: This is a wash basin, counter and water pump that goes in the fwd. cabin on the starboard side.

Marine Head: A Lavac vacuum head fitted in the forward cabin. Privacy is assured by a heavy curtain across the fwd. passageway door. Installation includes a Y valve to divert waste either overboard or to a holding tank under the fwd. bunk. Pump can also be used as a back-up bilge pump.

Navico TP5000 Autopilot: Very effective on the F-27 due to the light tiller loads. Recommended for single-handed sailing.

Navico TP5500 Autopilot: A more powerful and faster version of the TP5000 for offshore sailing or racing.

Navico HP5000 Hand Programmer: Used as a remote control and programmer for the above Autopilots.

Navico JB5000 Interface: Enables you to interface all electronics: Loran, autopilot, log, and wind direction.

Navico DL200 Digital Log: Many features including Trip Log, Average speed, and Race time.

Navico DS200 Digital Depth Sounder: Large digital display of depth, selectable in feet or metres, and dual alarm systems.

Navico WD200 Wind Speed/Direction: Digital and analog display. Easily detachable masthead transducer for trailering.

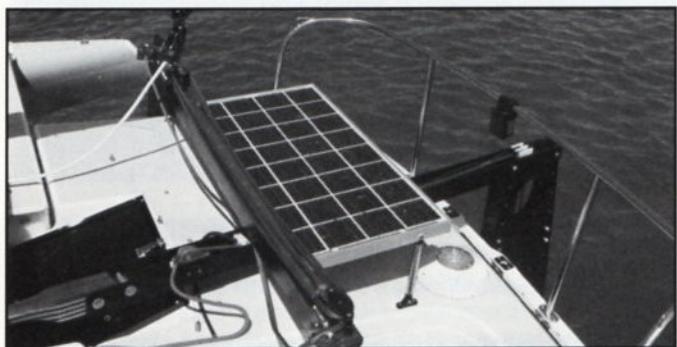
Navico VMG200 Computer: Uses inputs from Loran, log, wind, and digital compass to compute true wind, VMG, plus much more.

Navico DC200 Digital Compass: Includes average course computation and off course alarm.

Plastimo Classic Contest Compass: Double face reading.

11W Solar Panel: Forget about battery chargers with one of these. Keeps your battery fully charged if loads are light.

43W Solar Panel: For heavier loads such as Autopilot. Fits out of the way on aft cabin roof as shown above, and is very effective.



110V Dockside Power: Two double outlets in main cabin

Self-tailing Primary winches: Useful for solo sailing

Aft Deck Vent: Nicro-Fico Lo-Vent mounted on aft deck. This, and standard vents incorporated in anchor well, give excellent through ventilation, even when raining.

Aft Deck Solar Vent: Incorporates a solar powered fan.



Pop-top Cover: Fully encloses and weatherproofs Pop-top for full headroom while overnighting. Insect screens are optional, and cover can be left up while sailing.



Bimini Top: Shades cockpit area on hot days and can also be left up while sailing. Folds back when not in use, or can be stowed on stern pulpit. Note how mainsail is neatly rolled around boom.



Cockpit Cabin: This is used with Bimini top and Pop-top cover, to fully enclose and weatherproof cockpit area. It takes just a few minutes to set up and considerably increases cabin space for comfortable overnight stays. Insect screens are optional.

Cockpit Cushions: These are waterproof cushions, tailor made to fit in the cockpit, and color coordinated to match the beige nonskid. Very comfortable on longer trips.

Stove: Origo 4000 alcohol 2 burner flush mount stove with cutting board. A very effective non-pressurized stove.

Micrologic Voyager Loran: A value priced, compact Loran, installed with antenna and Dynaplate.

Micrologic Explorer Loran: Easy to operate and very useful for navigation. This is a very high quality and reliable unit with a 100 waypoint capability. Installed with antenna and Dynaplate.

Navico RT 6500 VHF Radio: with masthead antenna.

VHF Antenna: If you prefer to fit your own radio, then we can install just the antenna and matching deck plug.

Boarding Ladder: Fits to starboard float deck and can be stowed in the float.

Stanchions with Single Lifelines: Can be quickly removed for trailering and may be seen in brochure.



Corsair Marine's Factory in San Diego

Lightning Grounding Strap: 2" wide copper strap running from mast base down front of daggerboard case into water.

Cabin Table: Room for 4 and stows behind a seatback.

Cabin Storage Bags: These fit along main cabin sides.

Main Cabin Double Berth: Bridging panel and cushion that fit between two side berths forming one big double berth.

Hull Stripes: Multi-colored stripes along hull sides.

Bottom Paint: For those boats that must stay in the water. Available in red, blue, black.

Boot Stripe: Colored stripe just above bottom paint.

Anchor Package: Danforth D1650 anchor, with chain and 150' of nylon line.

Dockline Package: Includes 4 25' docklines and 3 SoPac Dorlon flat fenders.

Safety Gear Package: Lifebuoy and bracket, flares, bilge pump, 2 fire extinguishers, fog horn, flashlight, anchor light, and first aid kit.

Fully Batten Mainsail and Jib: All sails are computer generated and cut to exact specifications developed by Corsair Marine over many years of racing. They are specifically tailored to match F-27 requirements for optimum performance. All sails are radial cut from Mylar, and include fiberglass battens and a mainsail cover.

Mylar Genoa, Dacron Storm Jib

Radial Spinnaker: Available in a number of colors.

Spinnaker Control kit: This includes all deck hardware, with 2 Lewmar 30 winches, halyard, topping lift, pole, downhaul, rope clutches, sheets, guys, and blocks.

Harken Headsail Roller Furling: Makes easy work of furling the headsail. You lose 15 sq.ft. of sail area, and extra care must be taken when trailering.

Roller Furling Jib and Genoa: Must be specified if ordering roller furling and sails. Constructed with luff foam for good sail shape while reefed and with UV protective strip.

Performance Package: For the keen racer, or the cruiser who likes to have efficient controls. Includes Cunningham eye tackle, boom vang, barber haulers, masthead Windex, 4:1 traveller controls, tiller extension, winch handle pocket and rig tension gauge.

Lifting Eyes: For crane lift where a ramp is not available.

Marina Docking Folding Struts (Pat. Pending): These change the folded configuration, lifting the folded floats higher out of the water. This prevents any marine growth on the float sides. Folded beam is increased to 11' 9" but this can be converted back to trailering beam in a matter of minutes.

Trailer: Fully galvanized dual axle, with surge brakes, separate lights, side guide rail, and brake flush system.

Trailer Spare wheel: A good idea for long trips.

Outboard: Nissan electric start 8HP with extra long 25" shaft and alternator for battery charging. It is fully installed with a remote control unit, including key start and choke, on cockpit side.

Shipping Cradle: Must be ordered for transportation if trailer is not ordered. Basically a trailer frame without wheels, winch, or hitch.

2.5m Folded Beam: For European or Australian boats where maximum trailering beam is limited to 2.5m (8' 2 1/2"). Outer Beam ends and float topside corners are modified, but there is no change in extended beam or performance.

Computerized Construction System: All F-27s are built according to a computer generated procedure, whereby every step or operation is specified, and must be signed for when completed.

Construction begins with 45 colorized lamination guides, detailing each individually colored reinforcement, to ensure nothing can be overlooked. Resin is then precisely machine catalized and a digital electronic scale dispenses the optimum amount of resin calculated for each part.

Seven separate checklists guide subsequent assembly procedures, specifying each task, and when and how it should be accomplished. Quality is checked at every step, and again with a final 125 item checklist. Even shipping procedure on trailer or cradle is guided by checklist to avoid any problems in transit. The quality and engineering standards of every F-27 that leaves our factory are unsurpassed by any other craft.



Beam tops are shown here, one having the first of many layers of Carbon fiber pre-fitted, while the other is being vacuum bagged. Excess resin, extracted by the vacupressure system can be seen in the white bleeder material



The F-27 Assembly line

Warranty: The advanced construction techniques and very high safety margins allow a 15 year structural warranty for the hulls, beams, and folding system. In addition, there is a 10 year warranty against gelcoat blistering. All other items have a 1 year limited warranty.

F-27 MILESTONES

1974: The original 18' Prototype was launched by designer, Ian Farrier, in Australia. It was an immediate success, and is still sailing today having covered thousands of miles.

1975 to 1980: Three more prototypes built and launched. Extensive research yielded valuable data on many different hull shapes and rigs, in rough Australian conditions.

1980: The first production fiberglass version (the TRAMP) was developed and launched. It was voted **Australian Boat of the Year** in 1981 by the Australian Boating Industry Association.

1982: Farrier designed Trailertri 680s completely dominated the multihull division of the Marlay Point Race - Australia's largest yacht race with over 600 starters. A Trailertri 680 took line honors by over an hour, won on handicap, and a further 3 Trailertri 680s won the team prize.

1983: Design work was started on the F-27, and construction of a prototype begins in early 1984.

May, 1985: The prototype F-27 launched, to undergo a full year of sea trials.

July, 1985: The prototype F-27 sets a new race record in winning her first official race - The Two Man Around Catalina Race. The F-27 took line honors by 4 hours, and won on handicap, from a fleet of mostly bigger boats, including a maxi ULDB monohull. Starting last, the F-27 overhauled the entire monohull fleet on the first 30 mile windward leg in 20 to 25 knot conditions, with very rough 5 to 6' seas.

May, 1986: The first production F-27 is delivered.

July, 1986: The prototype demonstrates the F-27's great versatility by again winning the Two Man Around Catalina Race, but this time in very light conditions. It gave such boats as a McGregor 65, S & S 51, Frers 46, and C & C 42, 15 minutes start, yet still caught and passed them all. The F-27 was the only boat fast enough to finish within the time limit.

June, 1987: The first ocean crossing by an F-27. Mark Robson's KILLER FROG sails in the Trans Pac Race from Long Beach to Hawaii. Averages just on 8 knots for a quick 12 day passage, including a 250 mile day.

July, 1988: The second ocean crossing, this time across the Atlantic. Adrian Went's F-27 OLJFE makes an impressive passage of 23 days from Cape Cod to Bishop Rock, England and then on up through the English Channel to Holland.

June 1989: Rodney Pattisson's F-27 easily wins the cruising class in the Plymouth Multihull Grand Prix in England even though competing against 35 to 40' cats.

April 1990: The F-27 AQUA TEC easily wins the Australian Multihull Offshore Championships, a series of 7 races, twice finishing ahead of a 60' racing cat.

July, 1990: The 150th F-27 is delivered, and two more F-27s cross the Pacific to Hawaii, one singlehanded, one doublehanded. The singlehanded boat, SUPER FOX, the original prototype boat, took a first on corrected time.