

40z Standard 2009 Specifications

JAN 09

LOA 43.1' LOD 40.0' LWL 37.0' Beam 12.0' Draft 26-39" Displ (1/2 L) 18,800 lbs Piloting Headroom 6'4" Bridge Clearance 10.0'

HULL

- Modified deep-V, offshore hull design with sharp entry and moderate beam having dual lifting strakes, chine flats, 19-degree transom deadrise carried forward 13 feet, for stability at rest, a dry ride and level acceleration.
- Off-white gelcoat hull color with a cove and chine stripe in color of choice. Optional Awlgrip paint in color of choice.
- ISO (CE Mark) Certified for Ocean Category A use and further engineered to meet ISO 2003 draft structural standards for a vessel capable of 45 knots in 21 ft seas.
- Exceptionally strong & light composite construction. A pair of steel rollers outside the mold pre-impregnate stitched biaxial E-glass/Kevlar material under great pressure with Gougeon slow-set epoxy to a 60:40 ratio (glass to epoxy ratio). Damp, compressed material is transferred to and layered into the mold with 1" Corecell closed-cell foam core then vacuum-bagged to 14.7 psi to compress/bond the laminate and eliminate air voids prior to post-curing at 145F for 48 hours.
- Solid keel, stem, and transom corners backed by a structural grid using unidirectional E-glass/epoxy GRP to minimize damage from impact.
- Reinforcing of thru-hull and hardware attachment areas with solid glass or high-compression Penske-Board.
- Side entry doors onto cockpit sole (2)
- Transom door to swim platform.
- Transferable 10-year osmotic blister warranty.
- Bilges painted with smooth, gloss-white finish.
- PVC guardrail and quarter-guard with high-polish stainless rub strips.
- Lewmar tinted hull opening ports (4) in forward cabin and main saloon w/screens and pull-down shades.
- Backing plates for mooring cleats and stanchions is over-sized epoxy G-10 pressure-laminated composite.
- Hull and deck fused together as monocoque structure with cyano-acrylate adhesive with a shear strength of 3,000 lbs. per square inch and with mechanical fasteners of the gunwale guard on 8-10" centers.
- Safety stainless handrails (15) on pilothouse corner posts, hardtop, cabin top, under hardtop, on aft seat backs and either side of companionway entrance.
- Cockpit 29" high guard rail of custom 2" oval stainless.
- 24" bow rail of 316 1.25" stainless with 400,000 c.p. remote controlled spotlight and 16" burgee staff mount.
- 3x5 American flag with teak staff and retainer pin.
- Muir anchor windlass with deck and cockpit controls
- Auto-launching polished stainless claw anchor w/250' of rode and 25' of stainless chain.
- Anchor & fresh water chain/rode washer.
- 40' gold braided 5/8" docklines (6) and fenders (4) with fleece covers and air pump.
- Polished stainless bow guard
- Structurally strong, molded and gelcoated windshield frame/posts with Downeast-style hardtop.
- Convertible pilothouse enclosed by un-zip-and-roll-up-in-place, Strataglas windows with Stamoid border. Entry panel to cockpit has dual window/screen feature.
- Deck drains divert dirt/soot/dew/rain into gray water system and out transom...rather than onto topsides.
- Custom multi-directional and mooring bight snubber bow chocks (2).
- Molded foredeck access steps (P&S) in cockpit.
- Deck hatches with scuppers, overboard drains, gaskets and lockdowns (3).
- Large cockpit storage compartment capable of holding deflated Avon Redcrest dinghy, offshore survival raft. (Not available with pod drives)
- Varnished teak storage drawers under piloting seats.
- Large pilothouse settee lockers P&S w/piston-activated lockable lids, vinyl flooring and mesh organizer bags. Good for power cords, hoses, mountain bikes, hard luggage, dinghy and/or golf club storage.
- "L" shaped pilothouse settee to port.

DECK

- High-tech composite construction under vacuum using oven post-cured epoxy impregnated, stitched biaxial E-glass with a 1" Alcan Airex C70 cross-linked, closed-cell PVC foam cored laminate.
- Cook "Armor Flex" off-white gelcoat deck w/sand-textured non-skid. *Contrasting non-skid color is an option.*
- Molded swim platform with recessed dinghy cleats.
- Armstrong stainless swim ladder & grab handle.
- Hardware areas reinforced with solid glass, high compression Penske Board.

- Port aft-facing cockpit seat locker with drain for storage of docklines, fenders or dinghy outboard.
- Starboard aft-facing cockpit seat with icemaker.
- 36x30 single-leaf gloss-varnished teak pilothouse table with fiddles – opens for 4 place settings.
- Pilothouse settees w/ bolstered Ultraleather cushions and backrests. Settees convert to 6.5 foot berths.
- Recessed drink holders (4)
- Lewmar 20x20 overhead deck hatches (2) in forward cabin.
- Lewmar 20x15 overhead deck hatches (2) over galley and saloon and (2) over piloting seats.
- Lewmar 10x10 overhead vent hatches (2) over head and shower with screens.
- Cabin trunk opening ports w/screens (4) in head, shower, galley and saloon.
- Ocean Air combination screen/shades on hatches and pull shades on portlights.
- Gloss-varnished, paneled & louvered, lockable (form inside & out) sliding teak companionway door with 4-section hinged cover with chartbook retainer fiddle.
- Additional table socket to port to permit seating of 4 people between port aft-facing cockpit seat and transom seat using either standard leaf table.

PILOTING & NAVIGATION

- Stidd 500N Admiral low-back, 17” wide, recliner piloting chairs (2) in Ultraleather to match exterior upholstery. Piloting chairs have swiveling bases and telescoping feature that lowers chair to create a comfortable all-weather inside social seating for 8 persons. *Stidd 30” Wide seats are optional.*
- 24” Edson destroyer wheel with varnished teak rim
- Triple, fully-opening windshields with wiper/washers giving (a) exceptional ventilation in warm climates and (b) unrestricted visibility in fog or at night
- Bi-level instrument console with gray anti-glare top surface for multi-function navigational displays; controls and instruments.
- Navigation station to port with angled 27x17 surface for Chart kit and/or laptop plus panel for VHF or phone hookups.
- AFI 400,000cp bowrail-mounted halogen spotlight to avoid the blinding reflections from deck/rails.
- Kahlenberg air horn
- Ritchie SS-2000 4.5” flush-mount, high-performance, Supersport compass with movable sunshield.
- Raymarine C120 GPS plotter & display with radar overlay and Navionics chip.
- Raymarine ST-60 fathometer w/interior oil bath sensor.
- Raymarine 4KW radar dome
- Raymarine VHF with hinged whip antenna.
- Remote VHF speaker over helm station.
- Raymarine 6001 S1G hydraulic autopilot with rudder angle indicator

PROPULSION

- Twin Volvo D4 300 HP horsepower, electronically controlled, 24 valve, 4-cylinder, common-rail, freshwater cooled, turbo-charged diesels. (*Optional -- Twin Volvo D6 370 HP*)
- Corrosion-resistant aluminum Volvo DuoProp sterndrives having integrated exhaust and seawater intakes.
- Dual Volvo EVC/EC electronic shift & throttle control with LCD engine and fuel usage displays.
- Auto-leveling drive w/power steering
- Volvo IPS computerized idling-speed, joystick-maneuvering system to operate each sterndrive independently in terms of rpm, direction and forward-reverse gearing.
- Boat trim interceptors.
- Engine-room access by means of an electronically- elevated cockpit deck hatch.
- Volvo engine spares kit and service manual.
- UL approved fuel shutoff and fuel/air separators.
- Racor fuel/water separators with spare cartridges
- Two dedicated 175 gallon, bright-finished aluminum fuel tanks w/350 gallon capacity with Wema SUF American standard fuel level sensors and interconnect line with shut-off valves.
- Parker 221FR fire resistant USCG Class 1 high-tensile, steel- wire-braid-reinforced, fuel hoses.
- SS engine air intakes (4)
- Dedicated sump below engine and transmission.
- Seafire automatic fire suppressant system in engine compartment with portable extinguisher in cockpit
- Custom Sounddown insulated engine room.

ELECTRICAL

- Custom built MJM hinge-out, backlit electrical panel with 25-12v DC breakers and 12-110V AC breakers, stainless breaker guards and digital DC and AC monitors
- 110V AC system w/Mastervolt inverter/charger.
- Shorepower system w/ 2-50' Marincor Cords
- Stainless GFIC Duplex Outlets (6)
- Volvo standard 115 amp alternators.
- Blue Seas battery combiner
- Galvanic isolator
- Cantalupi halogen cabin reading lights (4).
- Overhead halogen lights in galley (4) head (2) shower (2) saloon (4) forepeak (4) piloting console (2) and pilothouse (4) on 4 dimmer switches.
- Courtesy lights (3) in cockpit and head.
- Engine compartment lights.
- 700-ampere hour absorbed glass-mat battery capacity with 2- Group 8D 245 AH house and 2- Group 31 105 AH engine-start battery.
- Navigation and anchoring lights.
- Bonded electrical system and underwater fittings
- Field serviceable electrical system with bundled/numbered wires w/Deutsch O-ring waterproof connectors.

PLUMBING

- Pressure hot/cold water for galley with Shurflo Smart Sensor microprocessor controlled variable-speed water pressure pump
- 20-gallon hot water heater.
- 110-gallon polyethylene fresh water tank under main cabin sole.
- Dockside water inlet with pressure regulator.
- General Ecology Seagull IV purification system
- Scanvik hot/cold shower on swim platform
- High-pressure fresh water (or seawater) washdown in port cockpit locker w/50 hose & nozzle.
- Shurflo 1000 automatic bilge pumps (3) in bow and midships compartments.
- Vacuflush head system with 30 gallon holding tank (only uses cupful of freshwater per flush) w/marina pump out and overboard macerator discharge.
- Back-up Bosworth high-capacity cockpit-operated manual bilge pump.
- Centralized gray water discharge system through transom to minimize thru-hulls.
- Gray water sump with strainer and clear inspection port for shower, head, icebox and AC condensate.
- Marelon non-corrosive thru-hulls/seacocks with strainers and double-clamped hose connections.

GALLEY

- Corian counter-top with framed and paneled cherry cabinetry with push-button hardware.
- Recessed polished SS sink with removable Corian cover and stainless combination faucet.
- Flatware & utensil drawers (3) w/Rubbermaid organizer.
- Stainless Vitrofrigo 5.5 cu. ft. 2-drawer fridge.
- Dry goods cabinet w/sliding doors and intermediate shelf running full length of galley.
- Chinaware & glass storage and rinsing compartment outboard of sink with drain & vent.
- Under counter storage locker for large pots/pans and cleaning supplies.
- Flip lid access panel to large Rubbermaid trash bin.
- Overhead safety handrail and towel drying bar.
- Ceramic 2-burner electric stove.
- Convection/microwave 5-way oven.
- Double stainless hooks for hotpads and dishtowels.

MAIN SALOON

- The companionway is designed to function like a normal stairway with a stainless rail to port and safe, sanded teak companionway w/2 steps down.
- Headroom of 6'4" on centerline.
- Shoe locker, tool storage and battery switches under hinged companionway steps.
- Main saloon lounge settee (opposite galley) which converts to over & under Pullman berths with snap-in-place privacy curtain. 5" bolstered Ultraleather cushions in color of choice.
- 36"x30" two-leaf cherry dining table.

- Large hull opening ports (2), skylight hatches (2) and cabin portlights (2) to maximize ventilation, sense of space and light.
- Gloss varnished teak & holly cabin sole with storage compartment for large plastic bins.
- Off-white Formica paneling with cherry trim with foam backed vinyl headliner & satin-varnished cherry ceiling battens.
- Access door to head with integral shower.
- Flatscreen TV option is mounted on angled bulkhead facing the settee.

FOREPEAK CABIN (A)

- Fixed 78"x60" island double berth with storage drawers (4) and large storage compartment under. *Optional Layout B is a wrap-around 34z type lounge with berth filler and table socket suitable for either standard table.*
- Storage shelves over berth (P&S).
- Framed cherry wood forward bulkhead with bookcases (2) and double access doors to large forepeak anchor locker.
- Combination bureau/entertainment center/book shelf with cabinet, drawer & shoe locker, Corian counter and upper storage shelf. *2nd Flatscreen TV option would be mounted on swing-out panel in lieu of cabinet doors.*
- Hanging locker to port with storage shelf over.
- Private access to head and shower.
- Stainless double-hooks (4) for clothing
- Dressing mirror on forward face of entry door.

HEAD & SHOWER

- The port combination head/shower is accessible from either cabin.
- Separate stall shower to starboard with towel & toiletry storage bin outboard. Wall mounted Scanvik shower fixture w/ flexible hose.
- Corian head counter with paneled cherry storage locker outboard with sliding doors.
- Full length mirrors inside head and shower doors.
- Locker under sink w/stainless TP holder
- Towel rings and hooks in head and shower
- Vent hatches and portlights in head & shower.
- Stainless oval sink with mixer valve spigot and pullout flexible hose with soft-spray to use as second shower accessible from saloon.
- Sump drains in head and shower to gray water overboard system.

OPTIONS

Colors

- Hull, cove and boot stripe colors in Awlcraft 2000 color of choice.
- Bottom paint brand and color with Interprotect.
- Contrasting non-skid gelcoat color on deck, hardtop, cockpit/pilothouse sole, boarding steps and swim platform ... if not teak.
- Name and hailing port on transom (1 color vinyl)
- Interior and exterior upholstery in Ultraleather color of choice.

Deck Options

- Express Model in lieu of Standard with vented fixed glass forward side window and roll-up Strataglass in upper aft section.
- Stidd 30" Wide 500W seats on adjustable swivel base in lieu of standard 17" wide 500N Slim Line Admiral model.
- Textilene pilothouse sunscreen/privacy curtains
- Teak & Thiokol pilothouse decking.
- Teak & Thiokol aft cockpit and deck step decking.
- Cockpit cover (3 piece) to protect teak decking & upholstery
- Full width stern seat with removable section for transom door with bolstered Ultraleather upholstery and weather cover.
- Edson removable dinghy davits (250 lb. capacity) on transom

Propulsion Options

- Twin Volvo D6 370 HP common-rail, electronic diesel engines in lieu of standard D4 300 HP.
- Volvo IPS pod drives in lieu of standard sterndrives.

Systems

- Northern Lights 6KW 1800 rpm, 3 cylinder genset
- Marine-Aire 32,000 BTU air-conditioning system with reverse cycle heat having ducts in pilothouse, main saloon, head and forepeak.
- Wallas thermostat controlled Diesel heater with adjustable louvered vents to pilothouse, main saloon, head and forepeak.
- Primary flatscreen HD-ready TV in main saloon w/Clarion VS755 DVD Player, marina T cable and Wii jacks.
- Secondary flatscreen HD-ready TV in forward cabin in lieu of bureau cabinet doors.
- KVH M3 (works underway) TV Receiver Dome on pedestal with radar & all-round light. Includes automatic HD switching system.
- Clarion CMD-4 stereo system, CD changer, 400W amplifier, MP3/iPod jack, Bose cube speakers in saloon and clarion speakers in forepeak (2) and cockpit (4).
- Sirius or XM Satellite Radio system w/stereo.

Instrumentation

- Raymarine E120 GPS plotter and display with Navionics platinum chip in lieu of standard C120.
- Remote RAM VHF Mike at Helm in Addition to Standard Overhead Speaker.

Interior

- *Forepeak B* layout with 34z-style wrap around lounge that converts to twin 78"x24" berths with table socket for either standard table.
- *Forepeak B* layout addition of portable double-berth filler insert and cushions.
- Hella Turbo Fans (4) on forepeak bulkhead and either side of main saloon settee.
- Latex mattress upgrade option, custom throw pillows, bedding and non-standard fabric selections are through S&S Fabrics directly at 401-683-5858 (Ask for Paul D'Martino).

Other Custom Options Available on Request

Notice: *Specifications of design, equipment, layout or construction are subject to change without notice or MJM being obligated to incorporate such changes in boats under construction or in previous products. Estimated speeds, fuel consumption and other performance characteristics are not guaranteed.*