



## 40z Standard 2015 Specifications 2-18-14

### 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.
- Hull, cove and chine stripe in Awlcraft 2000 color of choice w/3 coats of clear for abrasion repair.
- ISO (CE Mark) Certified for Ocean Category A use and further engineered to meet ISO structural standards for a vessel capable of 45 knots in 21 ft. seas.
- **NEW IN 2015** "Quiet Chine" modification to soften wave noise at night.
- 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 attachments areas with solid glass or 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 steel rub strips.
- Lewmar hull opening ports (4) in forward cabin and main saloon w/screens & shades.

### 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 core.
- Cook "Armor Flex" off-white gelcoat deck w/sand-textured non-skid. Color optional.
- Molded swim platform with recessed dinghy cleats.
- Custom Armstrong single post w/treads stainless swim ladder & grab handle.
- Hardware areas reinforced with solid glass, high compression Penske Board.
- Backing plates for cleats and stanchions are epoxy G-10 pressure-laminated composite.
- Hull and deck fused together as monocoque structure with methacrylate adhesive with shear strength of 3,000 lbs. per square inch and with mechanical fasteners on 8-10" centers.

- 316L SS handrails (17) on pilothouse corner posts, hardtop, cabin top, under hardtop, on aft seat backs, galley overhead, outboard on console and either side of companionway entrance.
- 29" cockpit guardrail of 1.25" round stainless.
- 24" bow rail of 1.25" 316L stainless with 400,000 c.p. spotlight and varnished staff for 6" burgee hoist.
- 3'x5' National flag with teak staff and retainer pin.
- Muir anchor windlass with deck and cockpit controls Auto-launching polished stainless Lewmar claw anchor w/250' of rode and 25' of stainless chain.
- Fresh water anchor and rode washer control at helm.
- 40' black braided 5/8" docklines (5) and fenders (4) with black fleece covers and air pump.
- Polished stainless steel bow guard
- Molded Downeast Style windshield frame & hardtop
- Convertible pilothouse enclosed by un-zip-and-roll-up-in-place, Strataglas windows with Stamoid border.
- Entry panel to cockpit w/dual window/screen
- Deck drains divert dirt/soot/dew/rain into gray water system and out transom...not onto topsides.
- Custom SS multi-directional bow chocks (2).
- Engine room access hatches (3) with scuppers, overboard drains, gaskets and lockdowns. Main hatch has electric operated lift arm and manual back up.
- Utility room access hatch in pilothouse with custom Armstrong telescoping ladder.
- Varnished teak storage drawers under piloting seats.
- Large pilothouse settee lockers P&S w/piston-activated lockable lids, vinyl flooring and mesh organizer bags for power cords, hoses, bikes, hard luggage, dinghy and/or golf club storage.
- Cockpit seat lockers (P&S) for docklines, fenders, cleaning supplies and lubricants with Ultraleather back & bottom cushions.
- 36x16 single-leaf gloss-varnished teak table with fiddles w/pilothouse & cockpit sockets. Opens to 32".
- Pilothouse settees w/Ultraleather covered natural latex, memory-foam bottom cushions...convert to 6.5 foot berths.
- Drink holders (6) at piloting seats and transom seat
- 8 Lewmar overhead deck hatches in forward cabin (2), head, shower, main saloon (2) and over piloting chairs (2)...all with Ocean dual action shade-screens.
- 6 Cabin trunk opening ports w/screens in forward cabin, head, shower, galley and saloon.
- Ocean Air combination screen/shades on hatches and pull shades on portlights.
- Gloss-varnished, paneled & louvered, lockable (from inside & out) sliding teak companionway door with 4-section hinged cover with chartbook retainer fiddle.

## **PILOTING & NAVIGATION**

- Matched Stidd 500N Admiral low-back, 23" wide, recliner piloting chairs in Ultraleather. Piloting chairs have swiveling bases and telescoping feature that lowers chair to create a comfortable all-weather inside social seating for 8 persons. 500W seats are optional.
- 24" Edson destroyer wheel with varnished teak rim
- Triple, fully-opening windshields w/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 •
- Navigation station to port with angled 27x17 surface
- Jabsco 400,000cp bowrail-mounted halogen spotlight
- Kahlenberg D-OA air horn w/ auto fog and anchoring operation.
- Ritchie SS-2000 4.5 Supersport compass.
- **NEW IN 2015** Raymarine e165 Hybrid Touch GPS plotter with WiFi for iPad control with radar overlay. And Raymarine e95 Hybrid Touch display for depth, autopilot control and engine data
- Raymarine 4KW HD color radar w/dome
- Raymarine 218 VHF on overhead at helm with hinged whip antenna and RAM control.
- Raymarine E12200 Smart Pilot X-Can system. Navionics Platinum+ XL3 mapping software in region of choice is included in Commissioning Package.

## **PROPULSION**

- Twin Volvo-Penta D6 370 HP diesel engines with IPS 500 joystick docking system.
- Volvo-Penta DPS (Dynamic Positioning System) that holds vessel in GPS location at current heading.
- Lenco Electric Trim Tabs
- 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. WEMA SUF American standard fuel level sensors and interconnect line with shut-off valves.
- Parker 221FR fire resistant USCG Class 1 high-tensile, steel-braid-reinforced, fuel hoses.
- SS engine air intakes (4)
- Dedicated sump below engine and transmission.
- Seafire automatic fire suppressant system in engine and generator compartment
- Custom Soundown insulated engine room.

## **ELECTRICAL**

- Custom 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' white Marinco cords
- Stainless GFCI duplex outlets (6)
- Volvo-Penta standard 125 amp alternators.
- Blue Seas battery combiners
- Galvanic isolator
- LED cabin-reading lights (4) Overhead 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 3-Group 31 105 AH engine and generator-start batteries.
- LED navigation and anchoring lights.
- Bonded electrical system and underwater fittings
- Field serviceable electrical system with bundled & numbered wires w/Deutsch O-ring waterproof connectors.
- Dirt Devil central vacuum system

## **ENTERTAINMENT – Now Standard**

- Fusion MZ-AV700 stereo system with CD/DVD plus AM/FM/SIRIUS/VHF/WX/USB and iPod jack; 5 channel 1600 watt amplifier; wireless router; 6-7" speakers; 2-3" speakers and 8" subwoofer in saloon, 400W amplifier, MP3/iPod jack.

## **PLUMBING**

- Pressure hot/cold water with Johnson Aqua Jet Duo variable-speed water pressure pump
- 13-gallon stainless steel hot water heater.
- 100-gallon polyethylene fresh water tank • Dockside water inlet with check-valve and pressure regulator.
- General Ecology Seagull IV purification system
- Scanvik hot/cold shower on swim platform
- High-pressure fresh water (washdown in port cockpit locker w/50 hose & nozzle.
- Jabsco Rule 1100 automatic bilge pumps (3)
- Vacuflush head system with 30 gallon holding tank w/ pump out and 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 w/inspection port for shower, head, icebox and AC condensate.
- Marelon non-corrosive thru-hulls/seacocks with strainers and double-clamped hose.

## **GALLEY**

- Corian counter-top with framed and paneled cherry cabinetry with push-button locks & drawer handles and upper storage cabinets with offset inner shelf (NEW for 2015).
- Recessed polished SS sink with removable Corian cover and Scanvik pullout faucet.
- Flatware & utensil drawers (3) w/Rubbermaid organizer.
- Stainless Isotherm 5.5 cu. ft. 2-drawer fridge/freezer w/ icemaker plumbed from water purifier.
- Dry goods cabinet w/sliding doors and intermediate shelf running length of galley w/LED lighting under.
- 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 w/pop-up retainers.
- Convection/microwave 5-way oven.

- Double stainless hooks for hotpads and dishtowels.
- Extended shelf with grab-rail fiddle above galley suitable for chart storage, cutting boards, etc.

### **MAIN SALOON**

- Spacious dinette table lowers with electronic control to form 40-44" wide, 78" long berth. Heavy opaque linen curtain anchors to ceiling to form private double cabin with vertical zipper entry. 5" Ultraleather covered memory foam insert is stored in vinyl bag.
- Large hull opening ports (2) with screens, skylight hatches (2) and cabin portlights (2) to maximize ventilation, sense of space and light.
- The companionway is designed to function like a normal stairway with a stainless grab rails and safe, sanded teak companionway w/2 steps down. Shoe locker and/or tool storage under steps.
- Headroom of 6'4" on centerline.
- Clear Awlgrip gloss-finished teak & holly cabin sole with storage compartment for large plastic bins.
- Off-white Nevamar HPL paneling with cherry trim with foam backed vinyl headliner & satin-varnished cherry ceiling battens.
- Access door to head with integral shower. Flatscreen LED TV option is mounted on angled bulkhead facing the settee.

### **FOREPEAK CABIN**

- Fixed 78"x 60" island double berth in quilted Ultra-Leather memory-foam mattress.
- Storage drawers (4) and large below-berth storage compartment
- Storage shelves over berth (P&S) also serve as handholds when rising from berth.
- Framed cherry wood forward bulkhead with recessed bookcases (2) and double access doors to large forepeak anchor locker.
- Combination bureau/entertainment center with cabinet, drawer & shoe locker, Corian counter and upper storage shelf. 26" Flatscreen TV option would be mounted as cabinet door.
- Hanging locker to port with storage shelf over.
- Private access to head and shower.
- Stainless double-hooks (3) for clothing
- Dressing mirror on forward face of entry door.

### **DOUBLE ENTRY HEAD**

- The portside combination head/shower is accessible from either cabin.
- Corian counter with polished stainless oval sink S having mixer valve spigot and pullout flexible hose with soft-spray to use as second shower accessible from saloon.
- Paneled cherry storage locker outboard with sliding doors and towel storage shelf above.
- Full length mirrors inside door.
- Locker under sink w/stainless TP holder
- Towel rings and hooks.
- Vent hatch and portlight.

- Floor drain to gray water overboard system.

### **STAND ALONE SHOWER AND/OR 2<sup>ND</sup> HEAD**

- Separate stall shower to starboard with seat, towel & toiletry storage bin outboard.
- Wall mounted Scanvik shower hose w/turnoff.
- Shaving mirror.
- Towel rings and bathing suit hooks.
- Vent hatch and portlight.
- Floor drain to gray water overboard system.

### **COMMISSIONING PACKAGE OPTION**

- Full 350 gallon fuel tanks.
- 16 Type 3 Runabout Vests in 4 carry bags.
- West Medical Kit 10209534
- 12 Gauge Flare Kit 6997688
- Hand Held Bilge Pump
- Princeton LED Flashlight
- California Squeegee for Strataglass
- 8' Telescoping Boat Hook
- Deck Bush & Chamois w/Handle
- Bailer Sponge & Absorber Chamois
- Square Rubbermaid Bucket PN2964
- Strataglass Protective Cleaner 9383217
- West Marine Boatyard Toolkit
- 4- 10x27 Black Fenders w/Black MJM covers.
- 4 Extra Fender Whips for Horizontal Hanging
- Hand Air Pump for Fenders
- 5 Black 35' Braided Docklines
- Maptech Chart Kit for Chosen Area
- Navionics Platinum XL3 for Chosen Area
- ISO Required Owner's Manual
- MJM Owner's Manual in Staples Binder.
- USCG Rules of the Road Booklet
- Professionally Compensated Compasses w/Deviation Cards.

**OTHER POPULAR OPTIONS** are listed on the Model Year 2015 MJM 40z Order Form. There are also numerous custom options that have been installed from time to time, which are available upon request.

*NOTICE: These 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 previous products. Estimated weights, speeds, fuel consumption and other performance characteristics are not guaranteed.*