

MANTA 44 POWERCAT

Specifications



*Dedicated to
crafting America's
finest Cruising
Catamaran!*



Manta Catamarans are manufactured completely in the USA. Manta Catamarans is one of the very few manufacturers that offer a turn-key, completely outfitted yacht ready for global cruising. We build each Manta to order therefore affording every Manta owner the opportunity to personalize their Manta with choice of interior finishes, colors and Pac customization.

Cortland Steck N.A.

Manta 44 PowerCat Standard Specifications



Interior

Interior finish is a blend of wood veneers, vinyl headliners, accented with Swanstone™ composite countertops, wood moldings, louvered wood doors and high durability synthetic teak and holly soles

Main Salon/Galley

- Bomar™ water tight companionway door
- L-shaped settee with storage below
- Space for optional deep freezer or Nav station/ desk
- Large adjustable dining table
- U-shaped galley station with elevated countertop, drawers, cabinets and integral trash bin
- Large single Swanstone™ sink with hot and cold fresh water mixer
- Force ten™ three-burner propane stove/oven with storage locker below
- Front opening 8 cubic ft. Waeco/Adler Barbour 12vdc/110vac refrigerator/freezer
- Sliding privacy door for port hull (owners side)
- Fresh water foot pump in galley
- House battery storage on centerline

Port Hull (Owner's Cabin)

- Head area has large separate shower stall with Granicote™ finish, curtain, oval Swanstone™ sink, hot and cold water mixer, mirror, marine toilet, and storage lockers
- Pantry storage inboard, fore and aft of stairway
- Large bookshelves outboard
- Owners stateroom with queen size bed facing fore and aft with storage under, large cedar lined hanging locker, drawer space and storage lockers

Starboard Hull (Guest Cabins)

- Forward cabin with double size berth, hanging locker or space for optional washer/dryer, drawers and storage cabinet
- Dual access head with sink, mirror, separate shower area with Granicote™ finish, curtain, and marine toilet
- Large bookcase outboard in starboard stairway
- Aft cabin with queen size berth facing fore and aft with storage under, settee, cedar lined hanging locker, drawer space and storage lockers
- Companionway step with storage

Deck

- Twin Todd Five star™ helm seats
- Cockpit cushions (4 inch) and backrest with Staydri™ foam and Sunbrella™ fabric
- Helm and instrument console with molded foot well
- Cockpit Nav table with storage
- Dual adjustable helm chairs with foot rests
- CCF cockpit lighting
- Three 12V DC windshield wipers with washer
- 22" stainless steel destroyer wheel
- Fiberglass hardtop, tempered glass wraparound tinted windshield with 12v electric vent windows, 12v washer/wiper, Vinyl enclosure with integral U zip up windows, screens, and plexiglass entrance doors
- Large cockpit seating with storage below
- Cockpit sink with hot and cold mixer
- Cockpit hanging wet locker
- Two storage lockers in cockpit
- Two vented propane tank lockers
- Large storage locker in cockpit sole
- Integral shore cord lockers with doors
- Dual anchor rollers
- Maxwell™ vertical single gypsy and capstan windlass (VWC 1000)
- Corner bow rail seats
- Custom spotlight bow pulpit
- 1 1/8"x32" stainless steel deck stanchions with solid top rail with lower lifeline and boarding gates port and starboard, fore and aft
- All deck stanchions, handrails, cleats, ports, and hatches 316 stainless steel
- Separate transom lifeline gate
- Boarding gates for, aft, and transom
- 12" stainless steel anchor bow, stern, midship and transom cleats
- Two stainless steel transom, boarding, and swim platform handrails
- Six Bomar™ stainless steel opening ports with screens
- Seven Bomar™ stainless steel opening deck hatches with screens
- Polycast™ 3/8" acrylic tinted salon windows with protective fiberglass louvers
- Four foredeck lockers with locking latches
- Center divided anchor chain locker
- Vinyl coated polyester mesh trampoline
- Molded anti-skid on all deck surfaces
- Molded transom steps with integral engine room hatch with gas struts, locking latch, and dual folding, telescoping swim ladders

Hull and Deck Construction

- Ferro Super Shield™ exterior gel-coat
- Hull, deck, and bulkheads constructed of triaxial, biaxial, and unidirectional fiberglass with vinyl ester, isophthalic resins, and Divinycell™ core in hull and deck, Nida-core™ core in subsoles and bulkheads, all vacuum bagged for stiffness, strength, and light weight
- Laminated hull/deck joint
- State of the art Vacuum Infused parts for additional strength and weight reduction
- Collision bulkheads with watertight compartments in bow, stern
- Deck hardware reinforced with aluminum plates molded into layup
- Kevlar™ reinforced bows at waterline and below
- Twin high density foam/fiberglass rudders with 2" dia. solid stainless steel shaft and S/S protective rudder skeg
- Five year limited structural/blister warranty
- Integral propeller tunnels in hulls

Mechanical, Electrical, Plumbing

- Twin counter-rotating Volvo D3™ 190 hp diesel engines, PYI™ flexible couplings, dripless stuffing boxes, stainless steel shafts, and four blade Nibral™ propellers
- Delta T™ Moisture eliminators in engine rooms and generator compartment
- Seawater strainers for engines
- Balmar™ battery combiner with engine and house parallel switch
- Teleflex™ Hynautic™ hydraulic steering system
- Two 12V DC fuel pumps
- Two 115 amp alternators
- House to engine battery parallel switch
- 8kw Charles™ isolation transformer
- Engine room 12v dc blowers
- Engine room bilge pump panel at helm with alarms
- Six Jabsco™ 1950 gph 12 volt bilge pumps with auto switch
- Two Whale Gusher™ manual bilge pumps
- All through hulls and seacocks are non-corrosive Forespar Marelon™
- One 20 lb. propane bottle with gauge in vented locker
- Silent Running™ and Sounddown™ sound insulation in engine rooms
- Molded fiberglass engine beds with integral sump
- Storage cabinets in engine rooms
- Engine room 110v, and freshwater supply
- Two 12V engine room fans
- Two Puratec™ fuel purification systems
- Twin analog/digital engine instruments and fuel gauges
- Morse™ single lever electronic (shift & throttles) engine controls
- 6" Ritchie™ Navigator compass
- Ac/dc electrical panel with digital meters
- Six-6v lead acid deep cycle house batteries 600 total amps with isolation switches
- Two-12v lead acid engine starting batteries 105 amps each with on/off switches
- Accessory switch panel at helm
- Sea Tech™ color coded water system with three control manifolds
- Two sealed shower sumps with auto pump out
- 80 amp MasterVolt™ battery charger with temperature sensing
- LED navigational running lights
- Dual stainless steel airhorns
- LED Anchor / steaming light
- Foredeck light
- Remote shutoff for propane
- 12v Taylorbrite™ CCF interior lighting
- Dimmer switch for main salon lighting
- 12v LED cockpit and interior courtesy lights
- One 125 gallon polyethylene water tank with remote gauge and deck fill and drain
- Two 250 gallon baffled 3/16" epoxy coated aluminum fuel tanks with remote gauges and transfer system
- One 45 gallon, and one 35 gallon 3/16" epoxy coated aluminum holding tanks with y valve, level gauge, macerator pump and deck fitting
- FloJet™ Sensormax VSD 12 volt water pressure pump
- Isotemp™ 10 gal 120 V AC/engine heat exchanger water heater

Manta 44 PowerCat Cruising Equipment



Manta's "add a dingy and go cruising" offer is a new way to package a fully outfitted cruising boat. There are no unknown or forgotten costs! This is a fully equipped boat with everything including a washer/dryer.

ANCHOR

Delta 44# and 35# self-stowing anchors, (2) s/s anchor swivels • Boathook • Four 5/8" x 20' shock absorbing bridle lines with chain hooks • (4) 5/8" x 40' braided docklines (4) Taylormade™ 12" x 32" Freedom fenders with lines and hangers* Deck shield™ anchor chain guard • Four bow eyes* Maxwell™ 1500 HWC, horizontal windlass with reversing dual gypsies, and deck switches • (2) Additional bow eyes • 12v salt water anchor wash down • 5/16" HT galvanized chain rode..200" for primary and 150" for secondary anchor

COMFORT

Lifeline™ AGM batteries • Skyshades™ blinds for all opening ports and stateroom hatches • Hot and cold deck shower • (6) 12v interior fans • Balmar™ three step alternator regulators • Balmar™ Centerfielder alternator controller • Swansone™ Cockpit table • (2) 12v solar ventilators • Dockside water • 2 Hella™ turbo fans in cockpit • 50 amp shore power cord • 12v galley exhaust blower • Next Generation Power™ 8.0 kw diesel generator with sound shield • PAR Quiet Flush™ electric freshwater heads • Microwave oven • Splendide™ washer-dryer combo • TV/phone cord and receptacle • SS fresh water wash down bib • U-Line™ 110v icemaker • Seagull water filter • Extra 200 amp Lifeline™ AGM battery bank (total 800 amp hrs) • Wired and plumbed for water-maker • 12v / 110V Waeco™ 4 cu ft freezer • Magnum™ ME2012 sine inverter/charger combo with remote panel • (4) Shell Power Max™ 85 watt solar panels with regulator and solar boost* Cruiseair air conditioning to 36,000 btu with cockpit ducting and high velocity fans* Second shore power and water hook-up on port side • Two additional solar ventilators in cockpit hatch

NAVIGATION

Glomex™ TV/stereo antenna • YachtGard™ surge suppression • Raymarine™ ST 60 Tridata speed/depth/log/sea temp • (2) External waterproof speakers in cockpit • (2) speakers in cabin • Clarion™ XMD3 am/fm/cd stereo with cockpit remote control and cd changer • ICOM™ 402 VHF with CommandMic™ DSC & GPS interface • Raymarine™ ST 6001 Plus autopilot • 12v outlet at helm • ACR RL100D remote control spotlight • Raymarine™ C120 twelve inch display color radar/chart plotter with 2 kw dome

SAFETY

Airhorn • (3) Fire extinguishers • Flare kit • (2) Pelican™ flashlights • (2) Jack lines • Coastal medical kit • (4) Manual inflatable PFD'S, with harness (4) Safety tethers • Ship's bell • Wood plug set *

ENGINE, DAVITS AND MISC

Yanmar™ 260 hp diesels • Workshop and parts manuals • Hand pump for transmission • (3) Reverso™ electric oil change pumps • (2) Shaft Shark™ weed/line cutters • Engine spares kit • 12 v Bow thruster • 12V Electric Dingy Davits

COMMISSIONING

Epoxy primer and bottom paint • Factory freight, rigging and commissioning (fob Sarasota, Fl.) • Vinyl name, hailing port and striping • Compass adjustment • 120 gal fuel • Two day checkout course with a licensed skipper

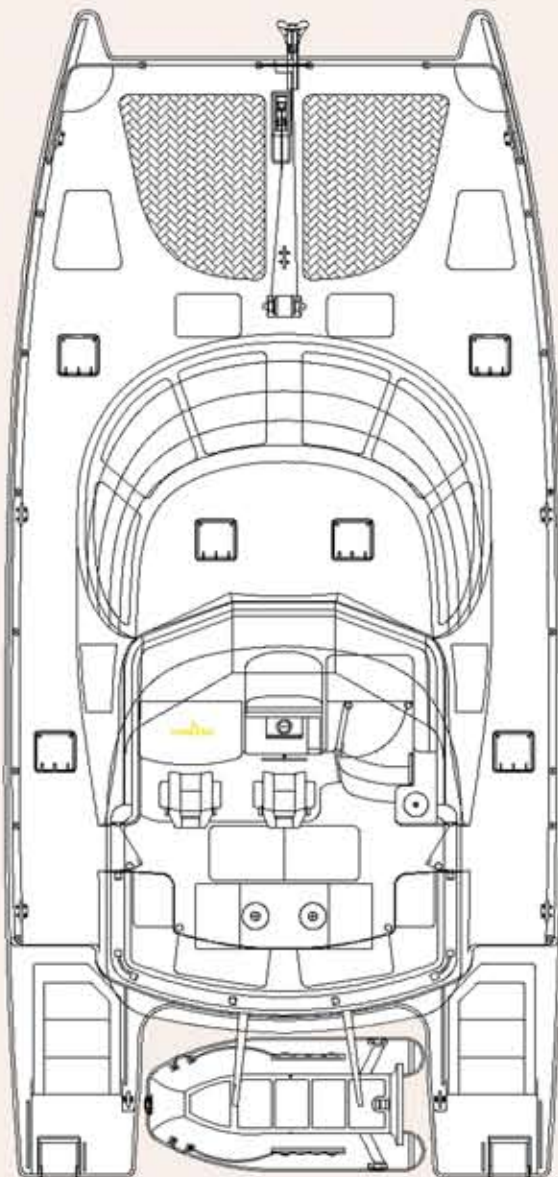
*This is an advertisement. This is not a warranty and the manufacturer's liabilities are strictly limited to the express warranty described in the warranty documents provided with the product. There are no warranties in addition to the expressed warranties and in particular, no implied warranties.*Note: These specifications are believed to be correct at the time of printing. Of course, component parts are constantly upgraded and/or changed by their manufacturer so some specifications in that regard are subject to change without notice. As a result of continuous product development, the builder reserves the right to make alterations as considered desirable by the manufacturer in his sole discretion. No such alterations, however, are to be considered retroactive with respect to yachts delivered, under construction, or under contract. Draft, displacement, and performance all vary according to load, options, customization, as well as sea conditions.

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Specifications

	U.S.	METRIC		U.S.	METRIC
LOA	44'2"	13.47	WATER CAPACITY	125 gals.	473 liters
LWL	42'2"	12.86	FUEL CAPACITY	500 gals.	1,892 liters
BEAM	21'	6.40	BRIDGEDECK CLEARANCE	30"	0.79
DRAFT	32"	0.81	(Top of Anti-Slam Nacelle)		
DISPLACEMENT <i>(*Light)</i>	24,000 lbs.	10,800 kg	<i>Designer Cortland Steck N.A.</i>		
<small>*Light displacement equals standard equipment less fuel and water</small>					

DECK PLAN



ACCOMMODATION PLAN

