

45EX

Hatteras[®]



Arrangements



Specifications

OVERALL LENGTH	44'7"	13.59 M
OVERALL LENGTH W/BOW PULPIT	47'7"	14.50 M
WATERLINE LENGTH	39'0"	11.88 M
BEAM	16'6"	5.03 M
WEIGHT DISPLACEMENT	49,700 LB	22,543 KG
DRAFT	4'0"	1.22 M
FUEL CAPACITY	800 GAL	3,028 L
FRESHWATER CAPACITY	100 GAL	379 L
HOLDING TANK	43 GAL	163 L
DIESEL GENERATOR	17.0 KW	
TWIN CAT C-12A DIESEL ENGINES	705 BHP	715 MHP

The specification measurements are approximations and subject to variance.

STANDARD EQUIPMENT

PROPULSION

- Twin Caterpillar® C-12A 705 BHP Diesel Engines

EXTERIOR FINISH & CONSTRUCTION

- Isophthalic / NPG gel coat, exterior layer
- Hull and superstructure painted with a premium linear polyester/polyurethane coating for improved cosmetics and increased durability
- Polymer/copper based anti-fouling bottom paint
- Boot stripe, linear polyester/urethane coating
- Decks, non-skid surface, polyurethane paint with polymeric beads
- Resin-infused solid fiberglass hull bottom and composite hull sides with premium vinyl ester resin and blister resistant gel coat below the waterline
- Molded fiberglass longitudinal stringers with steel engine beds
- Resin-infused bulkheads and interior decks using crosslinked foam core
- Integrated fiberglass hardtop with single pane windshield with windshield wipers, vented sides and aft soft enclosure

HARDWARE & MISCELLANEOUS

- Hand crafted Rift Cut White Oak with a satin finish
- All interior hardware in polished chrome
- Two décor schemes to choose from
- Anchor, 25' of galvanized chain, 250' anchor line
- Four polished stainless steel spring cleats through bolted in aluminum backing plates
- Two polished stainless steel bow cleats and chocks, two stern cleats and hawse pipes, through bolted in aluminum backing plate
- Polished, anodized aluminum bow rail
- Deck plates for fuel and water fills and waste pump out
- Bronze rudder with stainless steel shaft
- Manganese bronze rudder ports with composite bearings and dripless seals
- Manganese bronze struts with custom bearings for noise reduction
- Painted fiberglass rudder shelf bolted to backing plates in stringers
- Alloy 22 high-strength propeller shafts with proprietary keyway
- Manganese bronze propeller shaft couplings
- Dripless propeller shaft seals with spare seals
- Nibral high performance propellers

- Electric Bow Thruster, 10" diameter 130Kg (286 lbs) thrust
- Dual air horn
- Fog Bell
- Transom zinc
- Stainless steel trim tabs
- Underwater lights (2)
- Air Conditioning, 18,000 BTU capacity with reverse cycle heating

ENGINE COMPARTMENT & BILGE

- Faired and painted engine room and bilges
- Rubber deck mat between engines
- Insulation in engine room ceiling, for noise mitigation on helm deck
- AC fluorescent lights
- DC LED Lights
- DC blowers
- 17kw freshwater cooled diesel generator
- Twin diesel, freshwater-cooled main engines with electrically controlled marine gears, neutral interlocks, and exhaust silencers
- Fiberglass fuel tanks constructed with fire retardant resin
- United States Coast Guard type A1 U.L. Marine listed fuel lines
- Fuel priming pumps
- Fuel filters and water separators for engines and generator
- 100 gallon water tank
- Pressurized 24V DC freshwater pump
- Water manifold with centralized shut-off valve for sinks and showers
- 20 gallon water heater
- 43 gallon holding tank plumbed for dockside pump-out
- Sealed shower sump pump with automatic float switch
- Individual sea chests for engines and genset.
- Sea chests for water makers, air conditioners and raw water pumps
- Centralized drain system with single thru-hull
- Stainless steel steering tie bar with pivoting self aligning ball joint connection at all cylinder and tie bar connections
- FM200 fire extinguishing system for engine room; including automatic and manual discharge, with audible and visual discharge signals
- Battery distribution panel with voltmeter
- Oil change system for engines, gears and generator

ELECTRICAL SYSTEMS

- Systems monitor with programmable logic controller read-out, visual and audible signals for exhaust temperature, alternator, battery voltage, high bilge water, fire warning in engine compartment, fire extinguisher discharge in engine room, AC power loss, smoke detectors, carbon monoxide detectors, freshwater level and holding tank 3/4 full monitor
- Two 24 volt bank of heavy-duty, 12 volt marine batteries mounted in a fire retardant fiberglass box
- Tin coated wiring with insulation, labeled and color coded
- Battery paralleling switch at helm
- Automatic, 240 volt battery charger, 50/60Hz
- Battery control panel with fuses and magnetic circuit breakers
- AC and DC distribution panels with magnetic circuit breakers in main cabin
- AC switching panel with source selector
- One 240 volt, 50 amp, retractable shoreline with ground fault and overcurrent protection with fail safe galvanic isolator
- AC duplex outlet(s) with ground fault protection
- DC LED lights and fixtures
- Omni-directional TV antenna
- Shoreline Polarization Transformer

COCKPIT

- Mezzanine seating with cushions
- Mounting plate for installation of fighting chair
- Bait and tackle center with storage
- Tricolor courtesy lighting under gunwales
- Freezer under mezzanine seating
- Electric grill built into starboard bait and tackle center
- Two insulated fish boxes, with macerator pump
- Freshwater wash down outlet
- Hot and cold hand held shower
- Dockside freshwater connection with pressure regulator
- Raw water wash down outlet
- Insulated mezzanine boxes
- Lazarette access hatch
- Stainless steel rod holders (4)
- Transom door with top gate, heavy duty polished stainless steel hardware
- 56 gallon transom livewell with LED lighting
- Stereo speakers (4)
- Cockpit scuppers
- Engine room access through mezzanine seating

HELM DECK

- Palm Beach style helm with single lever electric controls and steering wheel
- Hydraulic power-assisted steering
- Neutral interlock switches allowing engine to start in neutral only
- Engine instrument panel with audible warning system
- Systems monitor display panel – see Electrical Systems for details
- Control station with all necessary switches
- Icom VHF, digital depth and temp
- DC AM/FM stereo receiver W/USB dock and speakers
- Compass with dimmable light
- Helm chair & companion chair
- Helm console storage
- Lounge with cushions and integral storage
- Starboard storage cabinet with refrigerator

GALLEY

- Durable engineered wood flooring
- Fabric headliner installed on track system
- Stainless steel sink
- Storage cabinets
- Tile Back Splash
- Quartz counter tops
- Under counter refrigerator and freezer drawer units
- Ceramic cook top
- Microwave oven
- AC duplex outlets with ground fault protection
- DC LED under-counter lighting
- DC LED dimmable lighting overhead

MAIN CABIN

- Durable engineered wood flooring
- Fabric headliner on track system for service access
- Dinette seating with storage underneath and wood table with stainless steel, high/low pedestal
- DC LED dimmable lighting
- Skylight
- Storage under steps
- Access hatch to bilge
- LED 32" class TV
- Stereo home theater system with Blu-ray™, Bluetooth®, USB port, Wi-Fi and FM tuner
- HVAC control
- Smoke and carbon monoxide detector

FORWARD STATEROOM

- Foredeck hatch, with retractable shade / screen
- Fabric headliner on track system
- Queen size berth with innerspring mattress system
- Cedar lined storage below berth with lift assist shocks for easy access
- Custom fitted sheet and mattress pad set
- Bunk cover, pillows, shams and linens
- Private access to head
- 24" class LED TV
- Stereo with DVD player
- AC Duplex outlets with ground fault protection
- DC LED lighting
- HVAC control
- Smoke detector & carbon monoxide detector

STARBOARD HEAD

- Durable engineered wood flooring
- Fabric headliner on track system
- Wall coverings
- Quartz counter top, back splash, with under mount sink
- Storage cabinet with mirror above sink
- Base cabinet to match interior finish with storage
- Mirrored door
- Freshwater toilet
- Towel bar, towel ring, tissue holder, robe hook
- Recirculating fan
- AC duplex outlets with ground fault protection
- DC LED Lighting
- Holding tank monitoring system
- HVAC control
- Smoke detector & carbon monoxide detector

PROVISIONING ITEMS

- Life jackets (6)
- Braided nylon mooring lines (6)
- Fenders (2)
- Prop removal and installation tool
- Portable "drychem" fire extinguishers (4), U.L. approved in compliance with United States Coast Guard and ABYC Standards

EXPRESS BRIDGE OPTION

- Palm Beach style helm with single lever electric controls and steering wheel
- Hydraulic power-assisted steering

- Neutral interlock switches allowing engine to start in neutral only
- Engine instrument panel with audible warning system
- Systems monitor display panel – see Electrical Systems for details
- Control station with all necessary switches
- Icom VHF, digital depth and temp
- DC AM/FM stereo receiver W/USB dock and speakers
- Compass with dimmable light
- Helm chair & companion chair
- Peninsula Console with storage
- Forward lounge with cushions and integral storage
- Starboard bench seat with cushions and rod storage underneath
- Polished, anodized aluminum ladder to helm deck with acrylic steps
- Polished, anodized aluminum aft deck and forward rails

FOOTNOTES

Information in this publication is based on the latest product specifications available at press time. Some line drawings, photos or arrangements may show optional and/or custom equipment. Hatteras reserves the right to make changes at any time, without notice, in the colors, equipment, specifications, materials and price of any model or to discontinue any model. Hatteras is not obligated to make similar changes or modifications to models sold prior to the date of such changes.

Length Overall does not include optional swim platform or bow pulpit.

Weight, draft, and freeboard are based on an estimate of model's displacement with largest engines available and all tanks filled. Heights are estimated with largest engines and all tanks empty. Actual figures will vary depending on production tolerances, equipment, supplies and stores on board, as well as operational and sea conditions. Capacities of tanks are estimated to be total capacity of all tanks normally furnished in this model. Usable capacities will vary depending upon conditions.

Generator is not intended to supply power for all standard and optional accessories simultaneously. Load must be limited to generator output rating.



45 EXPRESS



45 EXPRESS WITH
FULL TOWER OPTION



45 EXPRESS WITH
BRIDGE OPTION
AND HALF-TOWER OPTION

Hatteras[®]

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Note: Not all accessories shown in pictures or described herein are standard equipment or even available as options. Options and features are subject to change without notice.

Not all model year boats may contain all the features or meet the specifications described herein. Confirm availability of all accessories and equipment with an authorized Hatteras Yachts dealer prior to purchase. Printed in the U.S.A. February 2017. ©Hatteras Yachts