

Hatteras 100 Motor Yacht

Designed for the ultimate cruising experience, the Hatteras 100 Motor Yacht and its Cockpit Motor Yacht variation have been crafted for those who accept only the very best. With unparalleled craftsmanship and attention to every exquisite detail, Hatteras has created yachts of uncompromising elegance. Compared to the 100 CMY, the 100 Motor Yacht offers additional crew accommodations as well as an owner office adjacent to the master stateroom. If you prefer the addition of a cockpit instead and do not require three staterooms for captain/crew, then the 100 CMY is perfect for you. With many design options available, you can create the world-class yacht you have always wanted.

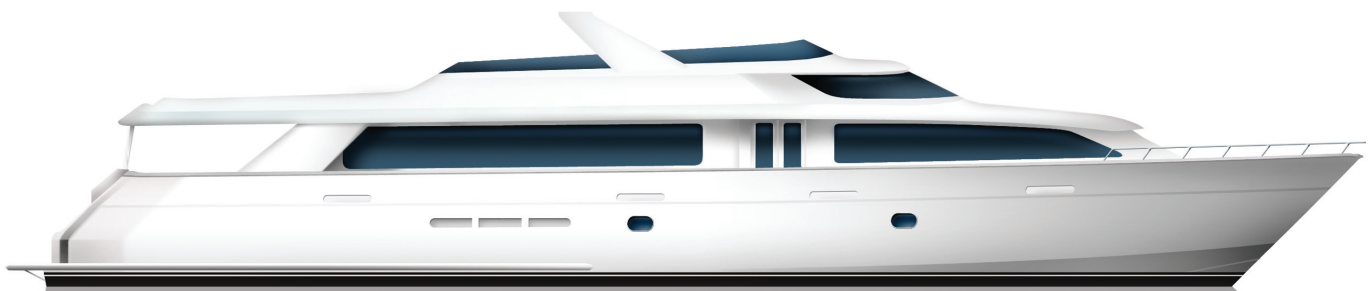
SPECIFICATIONS

Length Overall (B)	100'5"	30.61 meters
Beam	22'6"	6.86 meters
Draft (C)	6'3"	1.91 meters
Freeboard Forward (C)	10'9"	3.28 meters
Freeboard Aft (C)	9'3"	2.82 meters
Headroom Most Areas	6'6"	1.98 meters
Freshwater Capacity (C)	840 gallons	3,179 liters
Fuel Capacity (C)	5,025 gallons	19,016 liters
Holding Capacity (C)	370 gallons	1,400 liters
Weight Displacement (C)	270,000 pounds	122,469 kilos
Height Above Waterline to: (C)		
– Top of Flybridge Windshield	19'10"	6.05 meters
– Top of Arch	21'5"	6.53 meters
Waterline Length	90'8"	27.64 meters



ENGINE OPTIONS

Twin MTU 12V-2000 CR Diesel Engines	1800 BHP
Twin MTU 16V-2000 Diesel Engines	2000 BHP
MTU 16V-2000 CR Diesel Engines	2400 BHP
Twin CAT C32 ACERT Diesel Engines	1800 BHP



Exterior Finish/Construction

- Hullsides above waterline have isophthalic polyester gelcoat
- Blister resistant vinylester resin in hull bottom skin coat
- Hull and superstructure linear polyester/polyurethane coating
- Polymer/copper based anti-fouling bottom paint
- Boot stripe, linear polyester/polyurethane coating
- Decks, non-skid surface, polyurethane paint with polymeric beads
- Solid fiberglass hull bottom
- Hull sides and superstructure laminated with PVC foam core
- Fiberglass stringers
- Steel laminated in stringers at key locations to bolt engine mounts
- Engine room bulkheads and decks of resin-infused composite construction using PVC foam core with layers of fiberglass laminate on each side

Hardware & Miscellaneous

- Wood bulkheads, cabinetry and trim with a satin or high-gloss polyester finish in cherry or African mahogany
- Centerline stainless-steel anchor hawser with anchor chute, heavy-duty chain stop, stainless-steel mooring bits, and oversized stainless steel anchor chafe plate
- Single 342 pound Med-style stainless-steel anchor
- Single Maxwell VWC-6000 vertical hydraulic windlass with deck mounted foot-type control switches and 500 feet of 5/8" hot-dipped galvanized chain
- Integrated hydraulic digital 45 hp thruster/stabilizer system with 9 square foot fins
- Stainless-steel spring line mooring hawsers, 2 each, port and starboard
- Polished stainless-steel bow cleats, through bolted in aluminum backing plates
- Polished stainless-steel stern cleats, through bolted in aluminum backing plates
- All handrails and grab bars one piece welded stainless-steel
- Fog bell
- Triple trumpet air horns
- Zincs on rudders and shafts
- Stern staffs with ensign
- Black braided mooring lines (8)
- Alloy 22 high strength propeller shafts, 4-1/2"
- Manganese bronze dripless rudder seals
- Dripless shaft seals
- Life jackets (11)
- Life ring (2)
- Givens 8-10 person life raft with hydrostatic release on boat deck
- Portable "drychem" and fire extinguishers U.L. approved type in compliance with United States Coast Guard and ABYC standards
- Portable 13 lb. Halotron-1 fire extinguishers throughout
- Stainless-steel trim tabs

- Manganese bronze struts
- Rudders, stainless-steel with 4" diameter shafts
- 7 blade Nibral propellers
- Marquitt Tide Ride eight step sea stairs with storage brackets
- Walk around side decks
- Bow lounge with cushions and covers
- Central vacuum, four outlets (92MY)
- Marquitt davit 1600 pound lift capacity fully hydraulic davit with 12' boom, located to port for launching of tender to port side only
- Holding tank with sewage pump and overboard discharge
- Wash down outlets, bow deck, aft deck, flybridge with Hatteras patented quick disconnect
- Black fenders (4)
- Deck plates for fuel and water fills and waste pump-out
- Heavy-duty engine couplings with sacrificial zinc anodes
- Engine exhaust exits through hull side near transom
- Generator exhaust, water separator
- Anchor locker on bow deck
- Sea Recovery 1500 gpd watermaker
- Allowance for custom audio and video throughout vessel, \$40,000
- 15' tender with 90 hp Mercury outboard motor and chocks (Tender includes: battery selector cut off switch, compass, cover, depth sounder, fire extinguisher, fuel/water separator, gauges, transom mount ladder, lifting bridle, reinforced bow tow eye, USCG approved safety kit, ski tow, towing bridle package, VHF radio, transom tie downs and white powder-coated rails)

Engine Compartment & Bilge

- Cross linked polyethylene water supply pipes with centrally located water manifolds
- Pultruded fiberglass rudder shelf
- AC fluorescent lights
- DC lights
- DC ventilation blower
- Twin diesel, freshwater-cooled main engines with electrically controlled marine gears, neutral interlocks, exhaust silencers, engine hour meters, alternators, fuel filters and seawater strainers
- FM200 fixed fire extinguishing system for engine/generator compartment with automatic and remote manual controls plus audible and visual discharge signals
- Dual 12" 2750 CFM 120 volt AC fixed fans for air circulation
- Two 40kW freshwater cooled Electronic Quiet Diesel Onan generators, (Marlin Series) 240 volt 60Hz single phase 1800 RPM with main circuit breaker and 24 volt DC cranking and controls
- Exterior air intake system for engine room and engine combustion air with baffling and filters to minimize water intrusion
- One each 16" 3890 CFM 230 volt AC Tubeaxial exhaust discharge fans for engine room
- Polyethylene water lines
- Fuel transfer system with dual fuel transfer pumps (one AC main and one DC backup), manual crossover manifold, filtration and dry tank protection for pumps

- Retractable freshwater fill hose for engines and generator
- 3.5 hp 120 volt AC 175 max PSI compressor with receiver tank and retractable air hose
- Dockside water inlets with pressure regulating valve, automatic dockside tank fill and Hatteras patented quick disconnect
- 24-volt DC bilge and sump pumps: three at 500 gph, 12 at 3700 gph with heavy-duty float switches and protective guards
- Four auxiliary emergency bilge pumps, 300 gpm each
- Bronze/chrome ball-valves through-bolted in solid fiberglass on all underwater through hull fittings with electrical bonding throughout
- 230 volt AC variable speed freshwater pump with pressure tanks and back-up pump with switch and valve
- Bacteriostatic central water filter with automatic back flush
- U.L. Marine listed fiberglass fuel tanks constructed with fire retardant resin with bronze fittings and coated with fire retardant paint
- Fiberglass water tanks, constructed with bronze fittings and materials which comply with the requirements of Title 21 for food and drugs.
- Sewage holding tank with 230 volt AC sewage pump, plumbed for dockside pump-out with 3/4 full display and alarm as part of systems monitor programmable logic controller
- 110-volt AC oil changing system for engines, generators and gears with Hatteras patented quick disconnect
- U.L. Marine-listed fuel filter/water separator, generators
- Sealed shower sump, two each
- Main engines, U.L. Marine-listed dual fuel/water separators (duplex operating)
- 24 volt DC fuel pumps with remote priming switches
- Painted polyurethane engine room and bilges
- Air conditioning compressors, chilled water, (2) 6-ton, (1) 2.5-ton
- SAE J 1942/1 listed and approved fuel lines from day and auxiliary tanks to and from a manifold for each engine
- 1-1/2" stainless-steel steering tie bar with pivoting self-aligning ball joint connection at all cylinder and tie bar connections
- Insulation in deck
- Pick-up sea chests
- Digital monitoring for main engines in battery panel
- Engine compartment instrument panels with all necessary mechanical gauges and start/stop switches for monitoring main engines
- Work bench with two tool boxes
- Rubber deck mat between engines

Electrical Systems

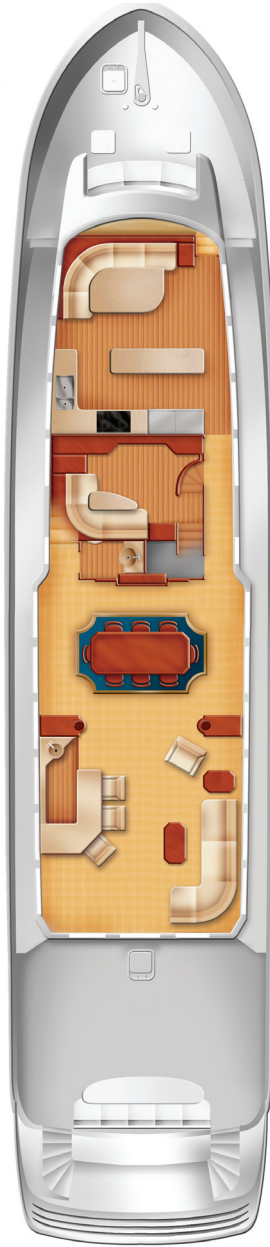
- Dual 230 volt AC 50 gallon and single 15 gallon water heaters
- Six Douglas 8D-3 batteries (two each 24 volt banks) mounted in fire-retardant fiberglass boxes; one battery per box

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ARRANGEMENTS



Standard Flybridge Arrangement



Standard Upper Deck Arrangement



Standard Lower Deck Arrangement

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- U.L. 1426 listed boat cable, tin coated with insulation
- One 80 ampere 24 volt battery chargers for each engine battery bank
- Automatic battery paralleling system with switch at control console
- Two 240 volt, 100 amp, transformer connected retractable shore cords with over-current protection and wireless remote control
- AC and DC lights and fixtures
- Battery control panels with fuses and isolation switches
- DC electronics panel with magnetic circuit breakers
- AC and DC distribution panels with magnetic circuit breakers
- AC switching panel to switch sources of power (two 240 volt generators and two 240 volt shorelines) to various circuit breaker distribution panels
- Navigation lights in accordance with Colregs. 72 and U.S. Coast Guard regulations
- Ground fault protection on AC receptacles and lighting circuits
- Chilled water air conditioning with reverse-cycle heating, with soft starting AC compressors, automatically staged and individually controlled with SMX controls
- TV antenna, omni-directional
- SS radio ground screen laminated in cabin top
- Generator AC output main circuit breaker adjacent at each set

Flybridge & Bridge Deck

- Computer controlled ethernet monitoring system with LCD touch screen display providing visual and audible signals for engines, gears, generators, high bilge water, fire warning in engine compartment, fire extinguisher discharge in engine compartment, AC power loss, smoke detectors, all tank level indication, low battery voltage, alternator failure, battery charger failure, bilge pump control and run indication, holding tank pump control and run indication, and carbon monoxide detectors. A history log is maintained for critical alarms and trends may be set up to view various parameters with respect to time. Additional monitoring points may be added to the system economically and easily.
- Molded fiberglass bridge
- Electronics allowance, \$185,000 (pilotouse and flybridge)
- Polished stainless-steel grab rails
- Two built-in L-shaped lounges (one port, one starboard) with covers
- Windshield and sideshields, tinted gray acrylic
- Control station with necessary switches
- Aluminum arch and mast to accommodate two 6' radars
- Compass with dimmable light
- Single-lever electric clutch and throttle controls with engine synchronizer
- Hydraulic power steering
- One Stidd helmsman and two Stidd model 500 low-back white companion seats with covers
- Wet bar (choice of styles, island or key-hole shaped) with icemaker, refrigerator, storage and four bar stools
- Stairs from pilotouse to bridge

- Neutral interlock switches allowing engine to start in neutral only
- Weather cover for flybridge console
- Freshwater wash down with Hatteras patented quick disconnect outlet
- Two triangular tables of solid-surface material at lounges
- Twin fiberglass cabinets aft of lounges for storage, one with lid and double electric grill
- Fold-down wing stations port and starboard
- Gate at access to boat deck from flybridge

Pilotouse

- Computer controlled ethernet monitoring system with LCD touch screen display providing visual and audible signals for engines, gears, generators, high bilge water, fire warning in engine compartment, fire extinguisher discharge in engine compartment, AC power loss, smoke detectors, all tank level indication, low battery voltage, alternator failure, battery charger failure, bilge pump control and run indication, holding tank pump control and run indication, and carbon monoxide detectors. A history log is maintained for critical alarms and trends may be set up to view various parameters with respect to time. Additional monitoring points may be added to the system economically and easily.
- Molded fiberglass bridge
- Electronics allowance, \$185,000 (pilotouse and flybridge)
- Table, solid-surface material with stainless-steel pedestals
- Riding seat and console
- Fixed windows with tempered glass per U.S. Coast Guard regulations, side shields ¼" clear laminated, curved glass ¼" laminated, windshields laminated
- Five windshield wipers and washers with individual controls including delay
- Padded chart deck and drawer
- Forward control station with all necessary switches, single-lever electric clutch and throttle controls, synchronizer, back-up controls, power assisted steering, compass and electronic console
- Amtico vinyl-strip flooring
- AC duplex outlets
- Padded panel headliner (installed on track system for service access)
- Carbon monoxide detector
- Smoke detector
- Windshield defogger
- SMX HVAC compartment controlled
- HVAC master control panel
- Desk with drawer and storage below

Aft Deck

- Molded fiberglass
- One straight section built-in fiberglass lounge with cover, choice of vinyl
- Stainless-steel ladder to boat deck
- Dual molded fiberglass steps, port and starboard, to swim platform with lights
- Side gates, port and starboard

- Sliding or hinged heavy-duty aluminum door to salon with full height glass
- Hardtop
- AC duplex outlet
- AC and DC lighting in hardtop
- Access to sidedecks
- Door to machinery compartment
- Varnished teak table with stainless-steel pedestals

Sport Deck

- Molded fiberglass with non-skid sole
- Freshwater wash down outlet with Hatteras patented quick disconnect
- Removable rails on swim platform
- Hot/cold hand-held shower
- Steps from swim platform to aft deck with stainless-steel gates
- Pop up cleats (3) on swim platform for tender mooring only
- Integral transom swim platform with re-boarding ladder
- Door and hatch to crew's quarters

Galley

- Amtico vinyl-strip flooring
- Padded panel headliner (installed on track system for service access)
- Windows ¼" tempered glass with gray tint
- Stairwell to pilotouse
- One cubic foot microwave/convection oven over cooktop with hood and charcoal filter
- AC and DC lights and fixtures
- AC dimmable lights
- AC duplex outlets
- Genuine wood inserts to match interior finish on appliance fascia
- Dinette table, choice of finished wood or stone (choice of standard stone options)
- Doors to side deck port and starboard
- Stone countertops and backsplash with stainless sinks and storage cabinets made of finished wood (choice of standard stone options)
- Refrigerator and freezer
- 4 burner ceramic glass rangetop
- Garbage disposal, 1 hp
- SMX HVAC compartment controlled
- Pantry with shelving (in starboard foyer)
- Smoke detector
- Carbon monoxide detector
- Full size dishwasher
- Trash compactor
- China/crystal/flatware allowance, \$8,800
- 30" under cooktop thermal convection oven
- Wine cooler

Salon

- Carpeting
- Padded panel headliner (installed on track system for service access)
- Stationary Roman shades with finished wood crown molding and recessed silhouette blinds
- Full glass entry doors port and starboard in foyers with full width side lights
- Buffet cabinets, port and starboard, with wood or stone tops (choice of standard stone options)
- Stairwell to lower level with handrails of 1-½" stainless-steel tubing attached to bulkheads with chrome plated fittings
- Flush continuous fixed windows with ¼" tempered gray glass, aft windows tempered gray glass
- AC and DC lights and fixtures
- Halogen lighting with zoned control on separate control panels
- AC duplex outlets
- Sectional sofa, fabric upholstered
- Throw pillows
- Air conditioning vented through wooden valance, port and starboard
- Coffee table, custom constructed, finished wood
- Three barrel style chairs, fabric upholstered (100MY)
- Carbon monoxide detector
- Smoke detector
- SMX HVAC compartment controlled
- Dining table, finished wood or glass top with two pedestals and eight chairs
- End tables, custom constructed, finished wood
- Sunken wet bar with icemaker, refrigerator and customized bottle and glass storage, stone bar top and flooring (choice of standard stone options)
- Recessed soffit overhead in dining area

Lower Forward Companionway

- Stone flooring (choice of standard stone options)
- Padded panel headliner (installed on track system for service access)
- Finished wood bulkheads with satin or high-gloss polyester finish in genuine cherry, African mahogany or maple
- Laundry room with full size (27") Whirlpool stacked washer/dryer, storage shelves and ironing board (100MY)
- Linen storage
- Coffee bar with refrigerator
- stainless-steel handrails with brass stand-offs

Master Stateroom

- Carpeting
- Padded panel headliner (installed on track system for service access)
- Finished wood bulkheads to match interior finish
- King berth with upholstered headboard, hinged top and drawers below
- Finished wood berth base
- Hand crafted coil spring HMC pillow-top mattress, spread, pillows, pillow shams (three queen or two king), mattress pad and sheets(E)

- Cedar-lined wardrobes with automatic lights
- Nightstands with drawers
- Dressers with drawers, port and starboard
- Full-length mirror
- AC and DC lights and fixtures
- AC dimmable lights
- DC low level lights
- AC duplex outlets
- Private access to head
- Smoke detector
- Carbon monoxide detector
- Roman shades with crown molding
- Air conditioning vented through overhead decorative soffit
- SMX HVAC compartment controlled
- Ventilating portlights with screens
- HVAC master control panel

Bow Guest Stateroom

- Carpeting
- Padded panel headliner (installed on track system for service access)
- Finished wood bulkheads to match interior finish
- Queen-sized tapered berth with upholstered headboard and storage below
- Finished wood berth base
- Hand crafted coil spring HMC pillow-top mattress, spread, pillows, pillow shams, mattress pad and sheets(E)
- Cedar-lined hanging locker with door and automatic light
- Nightstands, port and starboard
- Full-length mirror
- AC and DC lights and fixtures
- AC dimmable lights
- DC low level lights under berth
- AC duplex outlets
- Private access to head
- Smoke detector
- Carbon monoxide detector
- SMX HVAC compartment controlled
- Screened overhead hatch with privacy cover
- Steps to bow stateroom with DC low level lights

Port Guest Stateroom

- Carpeting
- Padded panel headliner (installed on track system for service access)
- Finished wood bulkheads to match interior finish
- Twin berths with upholstered headboards that convert to queen berth
- Finished wood berth base
- Hand crafted coil spring HMC pillow-top mattress, spread, pillows, pillow shams, mattress pad and sheets(E)
- Cedar-lined hanging locker with door and automatic light
- Nightstand(s) with drawers
- Dresser
- Full-length mirror
- AC and DC lights and fixtures
- AC dimmable lights
- AC duplex outlets
- Private access to head

- Smoke detector
- Carbon monoxide detector
- Air conditioning vented through fluted wood valance with roman shades and crown molding
- SMX HVAC compartment controlled
- Ventilating portlights with screens
- Blanket lockers, aft bulkhead

Starboard Guest Stateroom

- Carpeting
- Padded panel headliner (installed on track system for service access)
- Finished wood bulkheads to match interior finish
- Twin berths with upholstered headboards that convert to queen berth
- Finished wood berth base
- Hand crafted coil spring HMC pillow-top mattress, spread, pillows, pillow shams, mattress pad and sheets(E)
- Cedar-lined hanging locker with door and automatic light
- Nightstand(s) with drawers
- Dresser
- Full-length mirror
- AC and DC lights and fixtures
- AC dimmable lights
- AC duplex outlets
- Private access to head
- Smoke detector
- Carbon monoxide detector
- Air conditioning vented through fluted wood valance with roman shades and crown molding
- SMX HVAC compartment controlled
- Ventilating portlights with screens
- Blanket lockers, aft bulkhead

His & Her Master Heads

- Stone flooring (choice of standard stone options)
- Plexi-mirrored ceiling
- Wallcovering
- Stone countertops, with Kohler porcelain undermount sinks (choice of standard stone options)
- Stone baseboards (choice of standard stone options)
- Tub with whirlpool jets, timer, and heater or stone shower with frameless door (choice of standard stone options)
- Storage cabinets with mirrors
- Base cabinets to match interior finish with storage
- Towel bars
- Headhunter freshwater toilets
- 120 volt AC air freshener blowers
- AC and DC lights and fixtures
- DC low level lights under toe kicks
- AC duplex outlet
- Plexi-mirror around upper cabinets
- Air conditioning vents
- Holding tank ¾ full indicator lights

Guest Heads

- Stone flooring (choice of standard stone options)
- Plexi-mirrored ceiling
- Wallcovering
- Stone countertop, backsplash and sidesplash with Kohler porcelain undermount sink (choice of standard stone options)
- Stone baseboards (choice of standard stone options)
- Stone shower with frameless door (choice of standard stone options) (bow)
- Shower with frameless door (port)
- Tub whirlpool jets, timer, heater (starboard)
- Storage cabinet with mirror
- Base cabinet to match interior finish with storage
- Cosmetic vanity with cosmetic lighting and storage (bow)
- Towel bar
- Headhunter freshwater toilet
- 120 volt AC air freshener blower
- AC and DC lights and fixtures
- DC low level lights under toe kicks
- AC duplex outlet
- Plexi-mirror around upper cabinet
- Air conditioning vent
- Holding tank $\frac{3}{4}$ full indicator light

Day Head

- Stone flooring (choice of standard stone options)
- Plexi-mirrored ceiling
- Wallcovering
- Stone countertop, with Kohler porcelain undermount sink (choice of standard stone options)
- Hardwood baseboards
- Glass mirror above vanity
- Base cabinet to match interior finish with storage
- Towel bar
- Headhunter freshwater toilet
- 120 volt AC air freshener blower
- AC and DC lights and fixtures
- DC low level lights under toe kicks
- AC duplex outlet
- Air conditioning vent
- Holding tank $\frac{3}{4}$ full indicator light

Crew Stateroom

- Carpeting
- Padded panel headliner (installed on track system for service access)
- Finished wood bulkheads to match interior finish
- Over/under berths port side and double berth starboard side with storage
- Finished wood berth base
- Polyfoam mattress, spread, pillows, pillow shams, mattress pad and sheets(E)
- Cedar-lined hanging locker with doors and automatic light
- Full-length mirror
- AC and DC lights and fixtures
- AC duplex outlets
- Smoke detector

- Carbon monoxide detector
- SMX HVAC compartment controlled
- Ventilating portlight
- Watertight door from swim platform

Crew Heads

- Amtico vinyl-strip flooring
- Padded panel headliner (installed on track system for service access)
- Wallcovering
- solid-surface countertops with integral sinks and storage cabinets
- Stall showers and automatic sump pumps
- Mirror
- Towel bars
- Headhunter freshwater toilets
- Recirculating fans
- AC and DC lights and fixtures
- AC duplex outlets
- Air conditioning vents
- Holding tank $\frac{3}{4}$ full indicator lights

Crew Area

- Amtico vinyl-strip flooring
- Microwave/convection oven
- Refrigerator
- solid-surface dinette table and seating (convertible to double berth)
- Base cabinet to match interior finish with sink
- Hatch overhead to aft deck with fold down steps for alternate egress

Office

- Built-in desk with file storage cabinets
- Desk chair

Footnotes

- (A) Right is reserved to make changes at any time, without notice, in prices, material, specifications and equipment. Orders are accepted subject to prices prevailing at time of shipment. Orders requesting any material and/or equipment which differ from that selected by Hatteras as standard or optional for this model will be considered a custom change and will require additional charges. Prices shown for many options may apply only if ordered prior to start of production. Once production begins, orders for such options may require additional charges due to non-standard installation requirements and/or lead times. In order to show equipment size and location, line drawing may include some optional items. Specifications, standard equipment and optional equipment effective with boats sold at August 1, 2008 through July 31, 2009 Hatteras Base Prices.
- (B) Length overall does not include the optional swim platform or bow pulpit.
- (C) 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.
- (D) Generator is not intended to supply power for all standard and optional accessories simultaneously. Load must be limited to generator output rating.
- (E) One set of sheets includes: one bottom sheet, one top sheet, pillowcase(s).
- (F) Option must be ordered prior to start of production. Price shown reflects cost of scheduled installation requirements. A late request for this option will require an additional charge.