

90  
MOTOR  
YACHT



*Hatteras*<sup>®</sup>

## Arrangements



STANDARD FLYBRIDGE  
ARRANGEMENT

ENCLOSED FLYBRIDGE  
ARRANGEMENT

MAIN DECK ARRANGEMENT  
MAIN DECK ARRANGEMENT  
WITH ONE OPTIONAL  
FOLD DOWN BALCONY

LOWER LEVEL DECK  
ARRANGEMENT

## Specifications

OVERALL LENGTH	91'9"	27.95 M
WATERLINE LENGTH	76'8"	23.38 M
BEAM	22'6"	6.86 M
WEIGHT DISPLACEMENT	230,000 LB	104,326 KG
DRAFT	6'2"	1.88 M
FUEL CAPACITY	3,285 GAL	12,435 L
FRESHWATER CAPACITY	820 GAL	3,104 L
HOLDING TANK	420 GAL	1,590 L
DIESEL GENERATORS (2)	40.0 KW (EA)	
TWIN CAT C-32A DIESEL ENGINES	1,600 BHP	1,622 MHP

The specification measurements are approximations and subject to variance.

## STANDARD EQUIPMENT

### PROPULSION

- Twin Caterpillar® C-32A 1,600 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

### HARDWARE & MISCELLANEOUS

- Hand crafted European Walnut with satin finish interior
- Fin stabilizer system
- Welded and polished stainless steel anchor chute and roller
- Anchor locker
- Stainless steel plow anchor with 300 feet acculoy hot dipped galvanized chain
- Windlass; 4,500 lbs hydraulic with deck mounted control switches
- Freshwater anchor wash
- Bow deck freshwater washdown
- Hydraulic 45 HP dual prop bow thruster
- Polished stainless steel cleats with through bolted-in, robust aluminum backing plates (4 Spring w/chafing strips; 2 Bow; 2 Stern)
- Welded and polished stainless steel bow and bridge rails, with drilled and tapped-in robust designed aluminum backing plates
- Stainless steel rudders
- Zincs on rudders and shafts
- Alloy 22 high-strength propeller shafts tapered with round keys for reduced stress concentrations at propeller and coupling ends
- Manganese bronze dripless rudder seals
- Dripless shaft seals
- Manganese bronze struts
- Manganese bronze engine couplings
- Nibral high performance custom propellers
- Sea stairs ladder with dedicated storage
- Walk around side decks

- Fore and aft facing bow seating with sun lounge with dedicated storage
- Central vacuum system
- Stainless steel deck fills for fuel, water, and waste pump-out
- 1800 GPD watermaker
- LED underwater lights (2)
- Safe, Owner located
- Prop removal and installation tool
- Chilled water air conditioning, (3) 5-ton, with reverse-cycle heating and soft starting AC compressors

### ENGINE COMPARTMENT & BILGE

- Water manifold blocks with centralized shut-off valve for sinks and showers
- Polyethylene water lines
- Pultruded fiberglass rudder shelf
- AC fluorescent lights
- DC LED lights
- DC exhaust blower
- Twin diesel engines, freshwater-cooled 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
- Two AC ventilation fans
- Two 40kW freshwater-cooled generators with shock mounts, sound enclosure, remote start, seawater strainer, fuel/water separator, hour meter, and water lift muffler with exhaust gas separator
- AC tubeaxial exhaust discharge fan for engine room
- Electric fuel transfer system with filtration and dry tank protection for pump(s)
- Freshwater fill hose for engines and generators
- AC compressed air system and regulator accessory connection
- Dockside water inlet with pressure regulating valve and automatic dockside tank fill
- 24-volt DC bilge and sump pumps with heavy-duty float switches and protective guards
- Auxiliary emergency bilge pumps
- Bronze/chrome ball-valves through-bolted in solid fiberglass on all underwater through hull fittings with electrical bonding throughout
- Pressurized freshwater pump with backup pump
- (1) 50 gallon & (1) 30 gallon 230-volt AC electric water heaters
- Fiberglass fuel tanks constructed with fire-retardant resin and bronze fittings
- Fiberglass water tanks, constructed with bronze fittings
- Fiberglass holding tank, constructed with bronze fittings and 24-volt DC sewage pump, plumbed for dockside pump-out

- Fiberglass gray water tanks with sewage pump, plumbed for dockside pump-out with 3/4 full display and alarm as part of systems monitor
- Oil changing system for engines, generators and gears
- Fuel filter/water separator, generators & engines
- Sealed shower sump
- Electric fuel priming pumps, engines
- Painted engine room and bilges
- USCG approved fuel lines
- 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
- Insulation in salon deck for sound mitigation
- Sea chests for raw water pick up
- Digital monitoring for main engines
- Engine start / stop switches and hour meter
- Rubber deck mat between engines
- Engine room air intake demisters

### ELECTRICAL SYSTEMS

- Two 24 volt banks of heavy-duty, 12 volt marine batteries mounted in fire retardant fiberglass boxes
- Tin-coated wiring with insulation, labeled and color coded
- Automatic battery charger, 50/60Hz
- Automatic battery paralleling system with switch located at helm
- Two 100 amp retractable shore cords with polarization transformers and wireless remote control
- DC LED lights throughout accommodation areas
- AC duplex outlet(s) with ground fault protection throughout
- Battery control panel with fuses and isolation switches located in engine room
- AC and DC distribution panels with magnetic circuit breakers
- AC switching panel with source selector switches, volt meter, ammeter, frequency meter, generator start/stop controls, and distribution panel selector switches with low voltage boost function
- Navigation lights
- Omni-directional TV antenna
- Smoke detectors and carbon monoxide detectors

### OPEN FLYBRIDGE

- New proprietary HattCon Yacht Management System: seamless and intuitive interface includes fully integrated navigation, ship management and yacht automation. Includes SMS and email alert functionality. Please consult your Authorized Hatteras dealer for full list of details.

#### Ship Management

Four multi-function touch helm displays  
Surface mounted display foil with integrated controls  
Finger print reader ignition protection with digital passcode backup



Integrated camera system:

- Night Vision Camera
- Pan Tilt Zoom engine room camera
- Dual Pan Tilt Zoom aft deck cameras
- Port and Starboard Wide Angle cameras (optional)
- Video streaming to iPhone/iPad via HattCon app (optional)

Full integration capability with owner supplied electronics including navigation, radar, chart, sounders, AIS and autopilot

Dual electric over hydraulic steering system

Synchronized console illumination

Hydraulic system controls integration

Navigation lights control and monitoring

Light controls, interior and exterior

Lumishore underwater light integration

Fusion Stereo integration - exterior

Chiller controls

Watermaker controls

#### System Monitoring

Bilge

Fire and Co2 detection

Tankage levels

Engine and propulsion data

Autopilot integration w/ rudder angle feedback

Generator data

A/C power

D/C power

Battery charger

Door and Hatch open alarms

Fuel tank level gauges at deck fills

#### Yacht Automation

Two 10" integrated multi-function touch display (Galley and Crew) with controls for lights, HVAC, smart glass control, and access to HattCon full Ship Management and System Monitoring

Wall mounted auto dimming touch screens placed in convenient locations with HattCon App accessible features:

Interior lights on/off/dim

HVAC controls

Window blinds control optional

Optional smart glass control (optional)

External lights

Lumishore multi-color light control

Master all off light switch (password protected) with exit timer

Motion detection low level light control in heads

HattConn iPhone/iPad app fully configurable with dual profiles:

Master / Captain profile with access to main system  
Guest profile with access to guest stateroom light / HVAC control and limited access to main system

- Electric power steering
- Fiberglass hardtop with acrylic enclosure, overhead LED lighting, mast and anchor light

- Air conditioning, 48,000 BTU capacity with reverse cycle
- Tinted windscreen
- Port and starboard molded seating with cushions and cover
- Grill island includes double grill, refrigerator, and storage
- Wetbar island includes sink refrigerator, ice maker and storage
- Adjustable helm seats (2) to starboard and large L-shaped riding seat
- Standing Table
- Molded helm and companion riding bench seating
- Welded and polished stainless-steel rails
- Sliding door with stairs to interior accommodations
- Audio system with Bluetooth capabilities
- Molded fiberglass steps with hatch and DC lights to aft deck
- Fuel gauges
- Canvas console cover
- Freshwater wash down outlet
- Retractable 40" class TV

#### **AFT DECK**

- Molded bench seating with cushions, cover and integrated storage
- Molded fiberglass steps with lights to flybridge
- Molded fiberglass steps with lights to swim platform, port and starboard
- Stainless steel gates from aft deck to swim platform
- Boarding gates, port and starboard side decks
- Audio system integrated with salon stereo
- AC duplex outlet with ground fault protection
- DC LED overhead lighting
- Access door with interior stairwell to crew's quarters/engine room
- Teak table with cover
- Teak deck, natural finish

#### **SWIM PLATFORM**

- Freshwater wash down outlet
- Hot/cold integrated shower
- Pop-up cleats (2)
- Watertight door to crew quarters and engine room
- Dockside water inlet with pressure regulating valve
- Reboarding ladder to swim platform

#### **BOW LOUNGE**

- Tapered king size sunpad
- Dedicated dining area, 6ft long table and molded in seats (approx. 10ft.)
- Stereo speakers with direct feed from the flybridge
- Discrete lighting
- Multiple molded-in storage lockers

- Fender storage locker under sunpad with power actuated lid
- Access to windlass area under sunpad with power actuated lid
- Stainless steel bow rail

#### **GALLEY**

- Tile flooring
- Inserts to match interior finish on appliance fascia
- Dinnette with table
- Stone countertops and backsplash
- Center island with stone countertops with storage and sink
- Microwave/convection oven
- Refrigerator with freezer and icemaker
- Four-burner induction cooktop
- Stainless range hood with exterior venting
- Garbage disposal
- Dishwasher
- Oven
- Panoramic skylight (10' x 7') with dimmable, laminated smart-glass
- Pantograph door, with lock, to side deck - port and starboard

#### **SALON & DINING**

- Fixed frameless windows with tinted safety glass
- Upholstered panels and finished wood bulkheads
- Carpeting with hardwood entryways
- Privacy blinds
- Automatic opening, stainless-steel sliding door to aft deck
- Buffet cabinet
- 48" class TV
- Home Theater Entertainment system with Blu-ray™ player and WiFi capability
- HVAC control
- Wet bar with refrigerator, icemaker, and bottle and glass storage
- Stairway to flybridge

#### **DAY HEAD**

- Wallcovering
- Vanity with sink
- Mirror
- Towel ring
- Freshwater toilet
- Ventilation fan
- Holding tank 3/4 full indicator light

#### **COMPANIONWAY**

- Carpeting
- Fabric headliner installed on track system
- Doors with door stops to staterooms
- Lighted stairway to main deck
- Laundry room with washer, dryer and linen storage
- Service bar with stone top and tile backsplash

### **MASTER STATEROOM**

- Carpeting
- King-sized berth with upholstered headboard and cedar-lined storage underneath
- Bunk cover, decorative shams, throw pillows, HMC mattress, mattress pad and sheets
- Cedar-lined closet with light
- Nightstands
- Dressers, port and starboard
- 40" class LED TV
- Home Theater Entertainment system
- Portlights with privacy blinds
- HVAC control
- Smoke and carbon monoxide detector

### **MASTER STATEROOM HEAD**

- Stone/tile flooring
- Wallcovering
- Stone countertops, backsplashes, and sidesplashes with sinks
- Stone/tile shower with frameless door and port light with dimmable, laminated smart-glass
- Mirrors
- Base cabinets with storage
- Towel Bars
- Freshwater toilet
- Ventilation Fan
- Holding tank 3/4 full indicator lights

### **BOW STATEROOM**

- Carpeting
- Queen sized berth with upholstered headboard and cedar-lined storage underneath
- HMC mattress, bunk cover, pillows, shams and linens
- Cedar lined closets port and starboard with automatic light
- Nightstands
- 40" class TV
- Entertainment system
- Port lights with window coverings, port and starboard
- HVAC control
- Smoke and carbon monoxide detector
- Emergency hatch to bow deck

### **PORT STATEROOM**

- Carpeting
- Twin berths, one sliding, with upholstered headboard
- HMC mattress, bunk cover, pillows, shams and linens
- Cedar lined closet with drawers and light
- Nightstand
- 26" class TV
- Entertainment system
- Full-length mirror
- Port light with window covering
- HVAC control
- Smoke and carbon monoxide detector

### **STARBOARD STATEROOM**

- Carpeting
- Twin berths, one sliding, with upholstered headboard
- HMC mattress, bunk cover, pillows, shams and linens
- Cedar lined closet with drawers and light
- Nightstand
- 26" class TV
- Entertainment system
- Full-length mirror
- Port light with window covering
- HVAC control
- Smoke and carbon monoxide detector

### **GUEST HEADS**

- Stone/tile flooring
- Wallcovering
- Stone countertop, backsplash and sidesplash with sink
- Stone/tile shower with frameless glass door
- Mirror
- Base cabinet with storage
- Towel bar
- Freshwater toilet
- Ventilation fan
- Holding tank 3/4 full indicator light

### **CAPTAIN & CREW STATEROOMS**

- Durable engineered wood flooring
- Over-under crew stateroom, full berth captain stateroom
- HMC mattresses, bunk covers, pillows, shams and linens
- Cedar lined hanging lockers with automatic light, nightstand below
- 20" class LED TV
- Entertainment System
- DC LED dimmable lights
- AC duplex outlets
- HVAC control
- Smoke and carbon monoxide detector

### **CREW HEAD**

- Durable engineered wood flooring
- Wallcovering
- Solid-surface countertop with sink and storage cabinet
- Shower
- Mirror
- Freshwater toilet
- Ventilation fan
- Holding tank 3/4 full indicator light

### **CREW LOUNGE**

- Durable engineered wood flooring
- Abbreviated galley including microwave/convection oven, refrigerator, sink and storage
- Lounge table with seating
- Stairs from aft deck
- Door to engine room with window
- Watertight door from swim platform
- Washer and dryer

### **ELECTRONICS PACKAGE**

- Electronics Package Allowance \$105,000

### **PROVISIONING ITEMS**

- Stern staff
- Braided nylon mooring lines (6)
- Fenders (4)
- Life jackets (12)
- Life ring (2)
- Flare gun with flares
- First aid kit
- Boat Hook
- Two - 8 person life rafts with hydrostatic release in compliance with United States Coast Guard and ABYC standards
- Portable 15.5 lb Halotron-1 (2), 2.5lb dry-chem (7) and 10 lb dry-chem (9) Fire Extinguishers
- Tool set
- Water delivery kit with spare electrical and mechanical components
- Recommended cleaning supplies for care of your new yacht
- Allowance for custom furnishings such as sofa, dining table, cocktail table(s), chair(s), end table(s), and accessories
- Allowance for linens such as, sheets and towel sets
- Allowance for dining items such as, china, crystal and flatware

## 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, option, or allowance, 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.

*Hatteras*<sup>®</sup>

**Hatteras Yachts | 110 North Glenburnie Road | New Bern, North Carolina, U.S.A. | [www.HatterasYachts.com](http://www.HatterasYachts.com)**

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