

# WESTPORT

## 4101 Specifications

Raised Pilothouse Motor Yacht

### PRIMARY DIMENSIONS

LOA .....	134' 6"
LWL (at half load) .....	117' 5"
Maximum beam .....	26' 2"
Draft (at full load) .....	6' 0"

### DISPLACEMENT

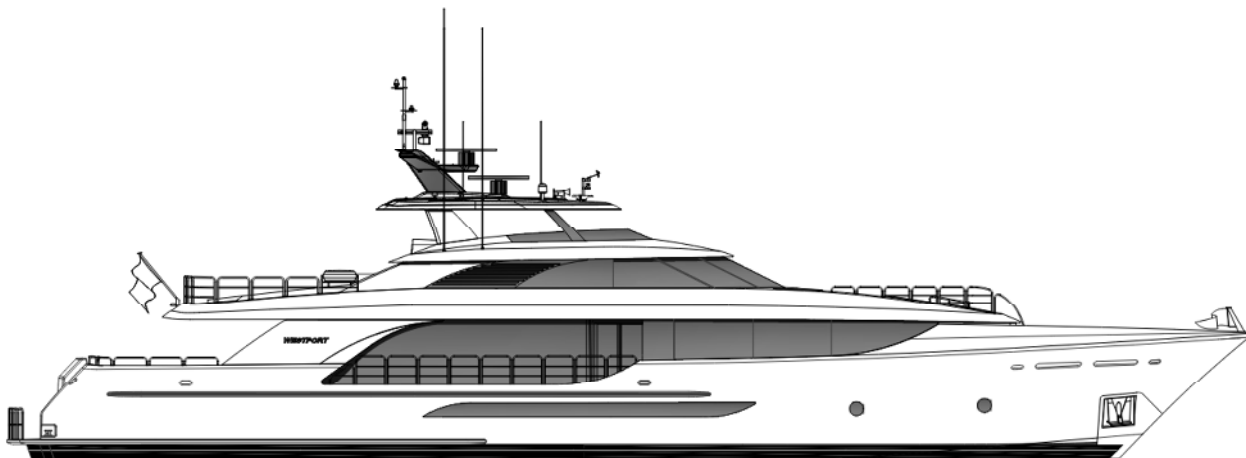
Full load .....	418,000 pounds
Half load .....	395,000 pounds
Light ship .....	340,000 pounds

### SPEED ESTIMATES

Cruise .....	20 knots
Maximum .....	25 knots

### TANK CAPACITIES

Fuel .....	7,000 US gallons
Fresh water .....	1,300 US gallons
Black water .....	1,050 US gallons



**Please note:** Dimensions, weights, and capacities where shown are approximate. Speed, weight, and other performance estimates if shown or discussed are estimates only and are not guaranteed.

**Modifications made to the vessel may change or affect speed, weight, or other capacities and estimates.**

## TABLE OF CONTENTS

<b>VESSEL CLASSIFICATION .....</b>	<b>4</b>
<b>CONSTRUCTION .....</b>	<b>4</b>
PRIMARY STRUCTURE .....	4
EXTERIOR FINISHES .....	4
WINDOWS.....	4
<b>MECHANICAL SYSTEMS .....</b>	<b>5</b>
PROPULSION SYSTEM .....	5
STEERING SYSTEM.....	5
GYRO STABILIZER SYSTEM .....	5
FIN STABILIZER SYSTEM.....	5
HVAC SYSTEM.....	6
HYDRAULIC SYSTEM .....	6
THRUSTER SYSTEM.....	6
DIESEL FUEL SYSTEM .....	6
GASOLINE FUEL SYSTEM .....	7
LUBE OIL SYSTEM .....	7
FRESH WATER SYSTEM .....	7
WASTE WATER SYSTEM.....	7
COMPRESSED-AIR SYSTEM .....	8
BILGE SYSTEM .....	8
DECK DRAIN SYSTEM.....	8
FIRE HYDRANT SYSTEM.....	8
FIRE PROTECTION SYSTEM.....	8
SOUND ATTENUATION .....	9
ANCHORING.....	9
MOORING .....	9
<b>ELECTRICAL SYSTEMS.....</b>	<b>9</b>
GENERATORS .....	9
SHORE POWER .....	10
AC ELECTRICAL DISTRIBUTION .....	10
DC ELECTRICAL SYSTEM.....	10
LIGHTING .....	11
<b>VESSEL ALARMS &amp; MONITORING .....</b>	<b>11</b>
<b>AUDIO/VIDEO ELECTRONICS .....</b>	<b>12</b>
<b>NAVIGATIONAL &amp; COMMUNICATION ELECTRONICS .....</b>	<b>14</b>
NAVIGATIONAL AIDS .....	14
EXTERNAL COMMUNICATION SYSTEMS.....	14
INTERNAL COMMUNICATION SYSTEMS .....	14

CAMERA SYSTEM .....	15
<b>INTERIOR FINISHES .....</b>	<b>15</b>
<b>INTERIOR APPOINTMENTS .....</b>	<b>16</b>
MASTER STATEROOM .....	16
MASTER HEAD .....	16
GUEST STATEROOMS.....	16
GUEST HEADS .....	17
LOWER DECK GUEST FOYER.....	17
MAIN DECK ENTRANCE FOYER .....	17
GALLEY .....	17
SALON .....	17
PILOTHOUSE .....	18
CAPTAIN & CREW CABINS.....	18
CAPTAIN & CREW HEADS.....	18
CONTROL ROOM .....	19
ENGINEERS CABIN.....	19
ENGINE ROOM .....	19
INTERIOR APPLIANCES .....	19
INTERIOR HARD & SOFT GOODS.....	20
<b>EXTERIOR APPOINTMENTS .....</b>	<b>20</b>
FLYBRIDGE.....	20
BOAT DECK.....	21
PORTUGUESE BRIDGE .....	21
FOREDECK .....	21
SIDE DECKS.....	21
AFT DECK .....	22
SWIM STEP .....	22
BEACH CLUB .....	22
FITTINGS & EQUIPMENT .....	22
EXTERIOR APPLIANCES.....	23
UPHOLSTERY .....	23
<b>SAFETY &amp; SUPPORT .....</b>	<b>23</b>
SAFETY EQUIPMENT .....	23
TOOLS.....	23
SPARE PARTS .....	24
PROVISIONS.....	24
PLANS AND DOCUMENTS .....	24
VESSEL SUPPORT .....	24

# Vessel Classification

---

## **AMERICAN BUREAU OF SHIPPING (ABS)**

This vessel will be classed by the American Bureau of Shipping (ABS). The class notation will be A1 Yachting Service to the ABS Guide for Building and Classing Yachts. As part of the classification process, ABS conducts an engineering review of the vessel's structure and mechanical systems and performs periodic surveys throughout its construction. The vessel owner is responsible for ongoing surveys and maintenance of Class after delivery.

Additional survey and compliance noted or certified will include:

- Anti-Fouling Statement of Compliance
- COLREGS 1972
- ITC Measurement (1969)
- Load Line Voluntary Compliance

# Construction

---

## **PRIMARY STRUCTURE**

Hull, superstructure, and decks are of foam-cored composite construction:

- E-glass reinforcements
- Vinyl ester resins
- Core material, thickness, and density varies throughout to optimize engineered structures
- Structural framing combines E-glass and carbon fiber reinforcements
- Structure is engineered to American Bureau of Shipping rules
- Structure is laminated using infusion and hand lay-up

## **EXTERIOR FINISHES**

Hull and superstructure are finished in Awlgrip high-gloss Snow White urethane paint. Mast, hardtop, and superstructure features are finished in Awlgrip Silver Pearl. Boot stripe is finished in Awlgrip Shark paint. Hull bottom coating is black Sea Hawk anti-fouling paint over an epoxy barrier coat.

## **WINDOWS**

Hull, Main Deck, and Pilothouse exterior windows are frameless, laminated, chemically strengthened glass with an internal structural layer, and directly bonded to the vessel's structure using a class approved structural adhesive system. Side windows are blue reflective glass; Flybridge and forward Pilothouse windows are clear glass.

Portlights and windows are supplied with deadlights or blanking plates as required by ABS.

# Mechanical Systems

---

## PROPULSION SYSTEM

Two 16-cylinder marine diesel engines drive custom 5-blade propellers through close-coupled, down-angle reduction gears and stainless steel shafts. Engines are equipped with non-switchable SCR exhaust systems that meet the requirements of EPA T3 recreational and IMO III dual certification. Engine vibration is isolated through the use of resilient mounts.

Seawater cooling is supplied through dual 5" copper-nickel lines connected to integrally molded hull scoops through bronze Y-strainers and butterfly valves.

Primary main engine exhaust exits the hull underwater at chine while silenced bypass exits at transom corners.

**Main engines:** MTU 16V2000M97L dual certified EPA T3 recreational and IMO III with ABS classification certificates, 2,600 horsepower per engine at 2450 rpm

**Engine controls:** MTU Blue Vision Advanced New Generation, four stations

**Reduction gears:** ZF 5050A, 2.962:1 reduction, 8 degree down angle

**Shafts:** 4½" diameter Aquamet 22HS

**Struts:** Wake adapted NiBrAl cast I struts

**Propellers:** Michigan Wheel 49.5" diameter x 50.3" pitch NiBrAl five blade

## STEERING SYSTEM

Digital hydraulic power steering is provided. Power is provided by engine-driven hydraulic pumps on both main engines.

Main Pilothouse and Flybridge steering stations include full follow-up helm wheels, non-follow-up jog levers, thruster controls, rudder angle indicators, and air horn button.

Port and starboard wing stations include non-follow-up jog levers, thruster controls, rudder angle indicators, and air horn button.

**Rudders:** Wake adapted cast bronze foil-shape rudders with 5½" Aquamet 22HS or equal stainless steel stocks

**Rudder stock seals:** Dripless type

**Rudder stock bearings:** Orkot composite

**Aluminum steering foundation**

## GYRO STABILIZER SYSTEM

Stabilization at rest is provided by an electrically powered gyro system. Two gyros are installed on centerline in the Lazarette.

**Gyros:** Two Seakeeper model 40

## FIN STABILIZER SYSTEM

Stabilization underway is provided by a hydraulically powered fin system and supplemented by the gyro system. Actuators and fins are installed port and starboard amidships. Underway power is provided by a main engine-driven hydraulic pump. Control system located in the Pilothouse.

**Actuators:** Naiad model 525

**Fins:** 19 square feet

**Control:** Naiad Datum control system

**Noise reduction:** Wilkes & McLean hydraulic noise suppressors are installed on each engine-driven pump to reduce hydraulic noise and vibration

## HVAC SYSTEM

The interior of the vessel is kept at a constant temperature through the use of a seawater cooled, chilled water HVAC system. The chiller capacity is 30 tons and is distributed throughout the vessel via individual room air handlers of various sizes and BTU ratings.

**HVAC air handlers:** All interior areas are air conditioned by at least one HVAC air handler unit. All air handlers, except mechanical spaces, have electric heat for autonomous heating independent of the chilled water loop.

**Ventilation:** Exhaust fans located in all heads

**Make up air:** For cycling fresh exterior air through the vessel interior

**Technicold HVAC system:** Chiller rack with four 7.5 ton compressors with dual independent seawater intakes

- Compressors: Four 208 volt/3 phase/60 Hz, 7.5 ton each
- Air handlers: 208 volt/single phase/60 Hz, various BTU as required by volume being treated, utilizing variable speed high static blowers

**Dry dock connection:** NPT/camlock adapter allows chillers to operate during dry docking

**Marine growth protection system:** A Cathelco MGPS is installed in the seawater piping (along with piping system flush ports) to prevent marine growth in the chiller's condensers and seawater piping system

## HYDRAULIC SYSTEM

Hydraulic equipment is powered by electrically driven power packs. An aft power pack serves the passerelle and transom door. The Boat Deck and Foredeck davits each have dedicated power packs.

## THRUSTER SYSTEM

The thrusters are mounted in a composite tunnel integrally laminated into the hull structure. They are electrically driven with power provided from the ship's AC system.

**Bow thruster:** 16" ABT unit with dual counter-rotating propellers, 75 hp electric

**Stern thruster:** 16" ABT unit with dual counter-rotating propellers, 40 hp electric

## DIESEL FUEL SYSTEM

Total diesel fuel capacity is approximately 7,000 US gallons in five tanks. Total diesel exhaust fluid (DEF) capacity is approximately 500 gallons.

Day tank and port and starboard wing tanks are immediately forward of the Engine Room. Two bilge tanks are located under the sole forward.

Tanks are of welded aluminum construction.

Tank levels are monitored by electronic sensors and displayed on the vessel monitoring system. Mechanical back-up level measurement is provided.

Engines and generators draw from the day tank through filter sets and are provided with fuel priming pumps.

Fill locations are on the port and starboard aft Main Deck house sides.

**AC primary pump**

**Fuel meter with numerical display**

**Transfer manifold**

**High-capacity filter and water separator**

**Main engine priming pumps:** 24 volt DC

**Generator priming pumps:** 24 volt DC

**Filters:** Racor 500 duplex turbine series

## GASOLINE FUEL SYSTEM

A 100 US gallon tank is provided. Fuel hose and nozzle are contained in a vapor-tight compartment. Vapor detector provided.

## LUBE OIL SYSTEM

The vessel's main engines and generators can be serviced utilizing an onboard lube oil change system.

New/used oil tanks are fitted in the Engine Room bilge on centerline between main engines. Each tank is supplied with its own electric pump and retractable hose reel to pump oil between tanks and engines. The new oil hose reel is equipped with a digital metering nozzle.

**New lube oil tank:** Aluminum, approximately 58 gallon

**Used lube oil tank:** Aluminum, approximately 58 gallon

**Pumps:** AC-powered

**Fittings:** Steel drip-less quick connectors

## FRESH WATER SYSTEM

Total fresh water capacity is 1,300 US gallons in one tank divided into two equal, isolated partitions.

Tank construction is welded stainless steel.

Two AC supply pumps are plumbed to suction and distribution manifolds enabling service isolation of tanks and pumps while system remains operational. Dock pressure fill location at starboard bustle. Freshwater wash down spigots are located on external decks.

**Pumps:** Two centrifugal pumps, plumbed in parallel for high flow capacity

**Purification/sterilization:** Silver ion sterilization treatment

**Watermakers:** Two Blue Water Desalination Express ClearMate Compact reverse osmosis type water maker/purifier units (3,600 gallons total from sea water; 5,200 gallons total from dock water per day)

**Water heater:** Dual-element 120 US gallon capacity

**UV filter:** For disinfection of potable water

**Dual particle filters:** For removal of sediment, dissolved solids, and contaminants to 5 microns

**Pressure tank:** FRP construction located at remote ends of piping system

## WASTE WATER SYSTEM

Black water tank capacity is approximately 1,050 US gallons.

Tank is of FRP construction.

Toilets and Galley sink discharge to the black water tank (Galley sink fitted with direct overboard option for use in approved locations). Dockside black water tank pump-out connection is located in the port bustle.

Where permitted, black water can be treated by the onboard marine sanitation device (MSD) for overboard discharge. Gray water from sinks, showers, etc. is sent directly overboard, or can be routed to the black water tank when required.

Tank levels are monitored on the vessel monitoring system.

Black water tank includes salt water wash out from fire main.

**Pump:** High capacity solids handling AC diaphragm pump

**MSD:** Certified to meet MARPOL and USCG Type II MSD (includes chlorine generator)

**Gray water sumps:** Three sump boxes each contain an AC pump, DC back-up pump, strainer, pump failure alarm, and inspection port

**Black water lift station:** Sump box for transfer of galley sink discharge to black water tank

### COMPRESSED-AIR SYSTEM

Compressed-air system powers ship's air horn and air tools. Quick connect fittings are provided on Bow, Boat Deck, and in the Control Room for operation of power tools and inflation of tenders, fenders, etc.

Retractable hose reel is provided in the Engine Room.

**Compressor:** 2.0 hp 10 gallon tank

**Pressure tank:** 15 gallon

**Hose reel:** Spring rewind with 30' of air hose

### BILGE SYSTEM

The five watertight compartments are fitted with alarms for the presence of water and are monitored on the vessel monitoring system. Primary pump is diesel powered and located in the Control Room. Through a common manifold the AC-powered auxiliary pump in the Engine Room provides backup bilge pumping ability.

**Primary pump:** Centrifugal, flooded suction

**Foot valves and strainers:** In each watertight compartment

### DECK DRAIN SYSTEM

All exterior decks are fitted with freeing ports and/or deck drains. Deck drains are integrally molded into the composite decks and are fitted with stainless steel grates. Drains are plumbed internally to laminated through-hulls located at the boot stripe.

### FIRE HYDRANT SYSTEM

Five fire stations are provided, each containing a hose, angle valve, and hi/lo volume nozzle. The primary pump is AC-powered and located in the Engine Room. The diesel pump in the Control Room acts as a redundant fire pump when the manifold valves are aligned for this function.

**Hoses:** 1½" x 50' FM-listed flat type with NST thread fittings

**Hose rack:** Fiberglass construction with rolled hose storage at fire station

**Fire nozzles:** One at each of the hydrant stations, FM approved

**Primary pump:** 5 hp, 208 volt/3 phase/60 Hz, centrifugal, flooded suction

**Sea suction basket strainer**

### FIRE PROTECTION SYSTEM

**Accommodation areas:** HI-FOG® fire protection system; automatic sprinkler wet pipe system provides protection to accommodation, public, and service areas as required by regulations

**Engine Room:** Clean agent fire suppression system; manual activation includes delay and alarm prior to discharge of suppressant. Activation triggers automatic shutdown of fuel pumps, intake fans, main engines, generators, and closure of Engine Room ventilation dampers. Engine Room and Engine Room ventilation ducts are insulated to meet an A-30 fire protection rating also providing thermal and acoustic isolation.

**Fire detection:** The Consilium fire detection system offers a comprehensive solution for ensuring safety. It is equipped with a dedicated control panel located in the Pilothouse, allowing operators to easily monitor and manage the system. The system includes a network of smoke and heat detectors strategically placed throughout the vessel, ensuring that every location is continuously monitored for potential fire hazards.

## SOUND ATTENUATION

Noise and vibration reduction measures are engineered by Westport and consultants.

Engine Room acoustic insulation is integrated with the fire insulation package. It is composed of an aluminum plate reflective barrier, absorptive layers, and structural damping materials.

Machinery vibration is isolated through the use of resilient mounts.

Interior spaces are treated with sound-tight construction techniques to prevent noise transmission between compartments as well as floating joinery connections, acoustic insulation, and damping materials to suppress the transmission of structure-borne noise and vibration.

## ANCHORING

Two "Poole" style anchors are stowed in recessed stainless steel pockets on the Bow, port and starboard. Dual electric windlasses on the Foredeck provide independent operation of the two anchors. Chain is stowed in chain locker bins below the Foredeck. Anchor wash down nozzles are installed in the hawse pipes and are supplied with pressurized seawater from the fire hydrant system.

**Anchors:** Two stainless steel, 530 pound

**Windlasses:** Two Maxwell VWC6000, 6,000 pound pull

**Anchor chain:** 5/8" galvanized steel, 350' on starboard, 250' on port

**Anchor plates/pockets:** Polished stainless steel plates with welded pockets, includes stem guard

**Maxwell combination stopper/roller/tensioners:** For each chain

## MOORING

Line handling is assisted by integrated capstans on the Foredeck windlasses and electrically powered capstans on the Aft Deck.

Fourteen double horn bits are provided, two on each side of the Foredeck, two on each Side Deck, two on each side of the Aft Deck, and one on each side of the Swim Step.

**Capstans:** Two Maxwell VC3500, 3,500 pound line pull

**Bits:** Twelve 19", two 11½" polished stainless steel

**Hawse rings:** Eight polished stainless steel, closed type

**Mooring lines:** Eight black Mega Braid 1¼" x 75' with ballistic nylon chafe gear

**Fenders:** Eight PF-8 ProStock 24" x 66" and two PF-14 ProStock 48" x 72" inflatables

**Fender hangers:** Six

**Heaving lines:** Four 3/8" x 100' with removable monkey fists

**Boat hook**

## Electrical Systems

---

### GENERATORS

Two generators provide 208 volt/3 phase/60 Hz AC power. Generator exhausts exit the hull at the transom corners. Generator noise and vibration is isolated through the use of sound enclosures and compound resilient mounts. Generators are started and stopped at the main distribution panel or at a remote panel in the Pilothouse.

**Generators:** Two Northern Lights M80A13, 80 kW, 1800 rpm

## SHORE POWER

Connection to shore power is made through two shore cords at the stern of the vessel. System can accept single or three-phase power, from 180 to 520 volt and 47 to 64 Hz. Cords are handled through a powered deployment and retraction system.

**Shore power converter:** 80 kVA capacity

**Cords:** Two 100', 100 amp, three-wire with ground

**Cord handling and storage:** Two Glendinning Cablemasters

## AC ELECTRICAL DISTRIBUTION

AC service from shore power and generators is routed to a main distribution electrical panel in the Control Room, then to subpanels located throughout the vessel. Wiring is four-wire three-phase 208 volts with 120 volt single-phase branch circuits where required.

Main distribution panel is constructed of extruded aluminum with powder coat finish, built to IP20 level of protection and incorporates forced-draft cooling. Main panel displays a full gauge package for all sources including volts/amps of each line, phase, power, power factor, and frequency.

Distribution system is designed for parallel operation between generators. Main distribution panel includes a seamless transfer feature for uninterrupted power output during switchover between generator/s and shore power.

## DC ELECTRICAL SYSTEM

Twenty-four volt DC power is supplied by six banks of absorbed glass matt (AGM) batteries: house bank, emergency bank, port and starboard main engine start banks, generator start bank, and reserve bank.

House bank power is distributed through the main electrical distribution panel to sub panels and powers emergency lighting and navigation electronics.

**House bank batteries:** Four 8-D 245 amp-hour in series-parallel

**Emergency bank batteries:** Four 8-D 245 amp-hour in series-parallel

**Main engine start bank batteries:** Two banks of two 8-D, 245 amp-hour in series

**Generator start bank batteries:** Two group 31, 105 amp-hour in series

**Reserve bank batteries:** Two group 31, 105 amp-hour in series

**House bank charger:** Newmar 95 amp/24 volt DC

**Emergency bank charger:** Newmar 95 amp/24 volt DC

**Main engine start bank charger:** Newmar 45 amp/24 volt DC

**Generator start bank charger:** Newmar 20 amp/24 volt DC

**Reserve bank charger:** Newmar 20 amp/24 volt DC

## LIGHTING

**Overhead light fixtures:** LED fixtures with integrated emergency lighting, interior Guest area lighting is tunable white, exterior lighting is non-tunable white

**Lighting control:** Interior and exterior lighting controlled by iPads through the Crestron automation system

**Reading lights:** Staterooms have bedside reading lights

**Indirect lighting:** LED strip lights

**Shower lights:** 24 volt with stainless steel trim

**Searchlight:** Carlisle & Finch 200 watt Xenon located on mast with dual controls

**Underwater lights:** Four across the stern

**Navigation lights:** LED

## Vessel Alarms & Monitoring

---

Vessel Information and Control (VIC II) is a proprietary Westport monitoring and alarm system that identifies and provides visibility to critical vessel function and safety information on a single screen in the Pilothouse. System is based on a 24 volt redundant architecture to provide robust reliability in both normal operation and emergency situations.

Hardware includes a dedicated network of “human machine interface” (HMI) touch screens strategically located throughout the vessel to aid the crew in efficient alarm recognition.

Features include:

- A single point alarm management screen in the Pilothouse and four remote touch screen HMI’s
- Instant trending for tank levels and electrical loads
- Electrical system monitoring and alarms indicating condition of on-board and shore power systems
- Tank monitoring, alarming or trending for fresh water, fuel, hydraulics, and black water
- Flood condition monitoring including alarming for all bilge pumps and sump pumps
- Security system with vessel specific monitored points
- Carbon monoxide monitoring and alarms in spaces with combustion machinery or engine exhaust piping
- Navigation light monitoring and alarms

## Audio/Video Electronics

---

The AV over IP system provides a variety of entertainment sources throughout the vessel. Depending on the room type you will find Hi-Definition displays, surround sound speakers and subwoofers, along with iPads and hand held remotes for control.

Kaleidescape system provides a central movie server with the Movie and Music License and Lifetime Music Guide and Software update service included.

A dedicated power conditioner/double conversion online UPS supports the entertainment systems providing consistent clean and stable power.

Each area can access content from central sources distributed by the AV over IP system.

Central sources include:

- Kaleidescape movie/music library
- Apple TV (AirPlay/local content only, streaming audio and video content available via Starlink depending on the internet package chosen)
- Apple AirPlay
- Navigation chart

## Audio/Video System

	Salon	Galley	Master	Aft Deck	Beach	Flybridge	Foredeck	Pilothouse
<b>TV</b>	75" LED/LCD	No	65" LED/LCD	46" High Bright	43" High Bright	46" High Bright	No	50" LED/LCD
<b>Apple AirPlay</b>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
<b>Kaleidescape</b>	Yes	Audio Only	Yes	Yes	Yes	Yes	Audio Only	Yes
<b>Apple TV</b>	Yes	Audio Only	Yes	Yes	Yes	Yes	Audio Only	Yes
<b>Off Air TV Tuner</b>	Yes	No	Yes	Yes	Yes	Yes	No	Yes
<b>Navigation Chart</b>	Yes	No	Yes	Yes	Yes	Yes	No	Yes
<b>CCTV</b>	No	No	No	No	No	No	No	Yes
<b>Touch Panel</b>	iPad mini	iPad mini	iPad mini	iPad mini	iPad mini	iPad mini	iPad mini	iPad mini
<b>Hand Held Remote</b>	Yes	No	Yes	Yes	Yes	Yes	No	No
<b>Speakers</b>	5 overhead + powered sub-woofer	2 overhead	5 overhead + powered sub-woofer	4 overhead	4 overhead	4 overhead	2 bulwarks	2 overhead

	Port Aft Guest	Stbd Aft Guest	Port Fwd Guest	Stbd Fwd Guest	Captains	Crew Mess	Crew	Engineers
<b>TV</b>	55" LED/LCD	55" LED/LCD	50" LED/LCD	50" LED/LCD	32" LED/LCD	43" LED/LCD	27" (4) LED/LCD	32" LED/LCD
<b>Apple AirPlay</b>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
<b>Kaleidescape</b>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
<b>Apple TV</b>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
<b>Off Air TV Tuner</b>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
<b>Navigation Chart</b>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
<b>CCTV</b>	No	No	No	No	Yes	Yes	Yes	Yes
<b>Touch Panel</b>	iPad mini	iPad mini	iPad mini	iPad mini	iPad mini	iPad mini	No	No
<b>Hand Held Remote</b>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
<b>Speakers</b>	2 overhead	2 overhead	2 overhead	2 overhead	TV speakers	TV speakers	TV speakers	TV speakers

# Navigational & Communication Electronics

---

## NAVIGATIONAL AIDS

Position and charting equipment consists of redundant hardware to maximize reliability and availability. Dual radars are heading stabilized for ARPA. Equipment supports GMDSS capability/compatibility.

Nobeltec TZ Professional chart plotting system with radar overlay provides coastal navigation tools with excellent charting database and bathymetric data for coastal cruising.

**Radar:** Two Furuno FAR2018MK2 X-Band radars with 6.5' open array, 96 NM range

**Search light:** Carlisle & Finch 200 watt Xenon, 15 million candle power with remote controls

**Electric horn and hailer:** Kahlenberg KB-30A, with automated signal timer in Pilothouse

**Air horn:** Kahlenberg T-2 three trumpet, push button control at all steering stations

**Night vision camera:** Flir M series

**Wind, depth, and speed instruments:** Airmar/Maretron DSM410/NMEA 2000 network

**GPS navigator:** Furuno GP170D

**Satellite compass:** Furuno SCX21

**Fluxgate rate compass:** For TRUE heading backup

**Satellite weather:** Nobeltec weather overlay display on chart plotters

## EXTERNAL COMMUNICATION SYSTEMS

External communications (off vessel) consist of a mix of radio, cellular, hard-wired, and satellite based technologies.

**High-speed internet:** Two Starlink Flat High Performance Maritime antennas

**Cellular telephone service:** With LTE data, region specific

**Worldwide satellite voice and data:** Iridium

**Satcom C:** Furuno FELCOM18 Inmarsat-C

**Shore phone connection**

**Wi-Fi marina hotspot amplifier**

**AIS:** Class A transponder

**VHF radiotelephones:** Furuno

**Navtex:** Furuno NX-700B receiver

## INTERNAL COMMUNICATION SYSTEMS

Onboard communications consist of VOIP phones with intercom.

**Digital phone system:** Fifteen station

**Internet connectivity:** Through Westport Integrated Network (WIN) system, wireless access is available throughout the vessel

## CAMERA SYSTEM

A comprehensive IP CCTV system offers security and assists in navigation during low visibility situations. Hi-resolution color cameras are controlled with Axis software. Digital 360 degree panoramic cameras on the Beach and Aft Deck as well as fixed port and starboard cameras on side decks assist in maintaining surveillance of entry points. In the Engine room two full pan tilt zoom (PTZ) cameras help the captain monitor mechanical operation while piloting the vessel. Located forward on the mast is a FLIR M infra-red and color camera for nighttime navigation and viewing. Full PTZ camera is located on the underside of the mast cloud. Camera video is available in the Pilothouse, at the Flybridge, in the Captain's cabin, in the Crew Mess, and throughout the vessel on the entertainment system.

## Interior Finishes

---

**Interior design:** Color, pattern, and style of interior finishes are tailored to suit individual customer tastes. Westport employs qualified interior designers to assist our customers with décor decisions. Input from outside designers is welcome.

**Joiner work:** Rift White Oak wood, veneers, accent hardwoods, and painted and wrapped surfaces are used in public areas and Guest accommodations. Joinery finish system employs a full epoxy grain fill to seal the wood and a polyurethane top coat. Finish sheen is primarily satin.

Crew areas are constructed using Maple hardwoods and veneers, providing a light finish tone.

**Countertops:** Throughout the public areas and Guest accommodations countertops are wood, natural stone, or solid surface.

Crew Mess, Crew heads, and Utility areas employ solid surface tops.

**Wall coverings:** Wall treatments are varied throughout the vessel to suit the décor of each space. Finishes include wood paneling, upholstered panels, and direct apply decorative wall coverings.

**Headliners:** Majilite vinyl fabrics are utilized with wood trim in architectural patterns to complement each space's layout and décor

**Upholstery:** Fabrics and leathers are chosen to suit the individual customer's décor. Upholstery is hand crafted by Westport's team.

Custom upholstered items typically include:

- Pilothouse and Crew Mess settees
- Loose furniture as required
- Pilothouse dash panels, dash hood, and window mullions
- Headboards
- Throw pillows

**Window treatments:** Room-darkening window coverings are provided throughout the Main Deck and Lower Deck accommodations. Galley, Salon, Main Deck Foyer, Master and Guest stateroom blinds are power operated and controlled by iPads through the Crestron system.

**Flooring:** Engineered wood is installed in the Salon, Dining area, Galley, Main Deck Foyer and Day Head, and the Lower Deck Foyer. Stone flooring in the Master and Guest heads. High quality stain-resistant carpet is installed in the Pilothouse, all staterooms, and the Crew Mess. Amtico or equal vinyl is used in Crew heads, the Control Room, and Beach Club Day Head.

**Lighting:** Accent and task light fixtures are selected to complement the individual vessel's décor

# Interior Appointments

---

## MASTER STATEROOM

**Berth:** King berth, upholstered headboard, and powered lift top to access storage below

**Lighting:** Recessed LED room lights

Reading light over nightstands

Indirect LED strip accent lighting at overhead edges, in recessed soffit above berth, and under nightstands and berth

**Mirrors:** Clear mirror on inside of wardrobe doors

**Wardrobe:** Two with automatic light, closet rod, and shelf

**Joinery:** Two nightstands with drawers

Three dressers

## MASTER HEAD

**Shower:** Stone with euro-style frameless tempered glass doors, sealed shower lights, Kohler DTV+ showering system

**Mirrors:** Two mirrored medicine cabinets

**Lighting:** Recessed LED room lights

Indirect LED strip accent lighting at overhead edges, under medicine cabinets and vanities

Sconces on each side of medicine cabinets, desk and dresser

**Bath accessories:** Two soap dispensers, toilet tissue holders, towel bars, towel rings, four robe hooks

**Joinery:** Vanities port and starboard

Makeup desk on port

Dresser on starboard

Linen lockers port and starboard

**Safe:** Digital safe in port linen locker

**Toilets:** Two Headhunter Royal Flush Bravo

## GUEST STATEROOMS

**Berth:** Port and starboard aft staterooms have a king berth and port forward stateroom has a queen berth with upholstered headboard and lift top to access storage below. Starboard forward workout room has upper and lower Pullman twin berths and no nightstands.

**Lighting:** Recessed LED room lights

Reading light over nightstands

Indirect LED strip accent lighting at overhead edges, under nightstands and berth

**Mirrors:** Clear full length mirror on inside of wardrobe door

**Wardrobe:** Forward staterooms have built-in wardrobe with automatic light, closet rod, and shelf; aft staterooms have walk-in wardrobe with automatic light and closet rod

**Joinery:** Two nightstands

Dresser

## GUEST HEADS

**Shower:** Stone with Euro-style frameless tempered glass doors, includes a sealed light, Kohler DTV showering system

**Mirror:** Mirrored medicine cabinet

**Lighting:** Recessed LED room lights

Indirect LED strip accent lighting at overhead edges and under vanities

**Bath accessories:** Soap dispenser, toilet tissue holder, towel ring, two towel bars or hooks, two robe hooks

**Joinery:** Vanity and medicine cabinet

Linen locker

**Toilet:** Headhunter Royal Flush Bravo

## LOWER DECK GUEST FOYER

**Lighting:** Recessed LED room lights

Indirect LED strip accent lighting at overhead edges

**Equipment locker:** Hidden access to HVAC equipment, A/V racks, and power distribution panels

## MAIN DECK ENTRANCE FOYER

**Lighting:** Overhead recessed LED lights

Indirect LED strip accent lighting at overhead edges

**Day Head:** Headhunter Royal Flush Bravo toilet. Overhead recessed LED lights, indirect LED strip accent lighting at overhead edges and under floating vanity. Solid surface vanity top. Fixtures & accessories include towel ring, robe hook, soap dispenser, and toilet tissue holder.

## GALLEY

**Lighting:** Overhead recessed LED lights

Indirect LED accent lighting at overhead edges and under upper cabinetry

**Sinks:** One stainless steel double basin sink with cutting board, soap dispenser, pull out spray faucet; one single basin undermount prep sink with single handle kitchen faucet

**Sliding partition:** Powered sliding door from Main Deck Foyer

## SALON

**Joinery:** Buffets port and starboard with backlit stone tops, aft corner cabinetry storage with wet bar, entertainment center

**Loose furniture:** As specified by Westport Interior Design, typically includes a sofa, occasional chairs, cocktail table, end table, ten dining chairs

**Overhead detail:** Perimeter soffit with air louvers and LED strip light. Overhead ceiling feature over the dining area.

**Formal dining:** Formal dining table accommodates ten guests

**Bar:** Walk-up bar with sink, beverage center, ice maker, and storage on aft port side; wine coolers and storage on aft starboard side

**Aft door:** Large four-panel polished stainless steel sliding door, weather tight, direct bonded glass

## PILOTHOUSE

**Integrated glass bridge:** Westport Integrated Bridge System (WIBS)

**Helm station wheel:** 24" stainless steel with upholstered or polished teak rim

**Engine controls:** MTU

**Engine instrumentation:** MTU

**Control console:** Majilite (or equal)

**Settee:** Fabric or leather as specified by Westport Interior Design

**Settee tables:** Two

**Defroster:** On Pilothouse console

**Windshield wipers/washers:** Exalto windshield wipers with electronic control panel with synchronization and washers for three wipers

**Helm chair:** Norsap helm chair with fabric or leather to match settee

**Joinery:** Bookcases

Helm console housing WIBS screens, storage below

Chart drawers adjacent to console

Printer cabinet

Desk, stool provided

**HVAC:** Soffit for air distribution

**Computer:** Laptop located at navigation desk

## CAPTAIN & CREW CABINS

**Berths:** Captain's berth is double size and Crew has four twin berths with storage below

**Lighting:** Recessed LED room lights, reading lights

**Mirrors:** Clear full-length mirror on the inside of the wardrobe doors

**Blinds:** Manual honeycomb pleated blinds

**Joinery:** Captain's wardrobe (contains safe) and dresser

Captain's desk, includes stool

Captain's upper cabinet above desk

Captain's night cabinet over berth outboard

Crew wardrobe and dresser in each berth area

Crew storage under lower berths

Crew Mess upper and lower cabinets with solid surface countertop

Crew Mess upholstered settee with storage cabinets above hull shelf, solid surface table top with storage cabinet under

Crew Mess walk-in storage locker

## CAPTAIN & CREW HEADS

**Showers:** Custom-molded fiberglass with tempered glass doors, sealed shower light

**Mirrors:** Mirrored medicine cabinet

**Lighting:** Recessed LED room lights and vanity lighting

**Counters:** Solid surface

**Flooring:** Amtico or equal commercial vinyl flooring, solid surface base molding

**Bath accessories:** Soap dispenser, toilet tissue holder, towel bars, robe hooks

**Joinery:** Vanity and medicine cabinet

**Toilets:** Headhunter

## CONTROL ROOM

Accessed from the Beach Club or the Main Deck Aft through a watertight door. The Control Room contains a guest Day Head, freezer, storage cabinet, work bench, the main electrical distribution panel, shore power converter, and clean agent fire suppression system that services the Engine Room.

## ENGINEERS CABIN

Located off port side of the Control Room, features a raised twin berth with storage underneath and private head.

## ENGINE ROOM

Accessed via a watertight door from the Control Room, main components include engines, generators, lube oil tanks, HVAC chiller, and watermakers.

## INTERIOR APPLIANCES

(All equipment is as listed or equal)

### **Galley:**

- Refrigerator/freezer: True side by side
- Refrigerator: True undercounter drawers
- Freezer: True upright
- Cooktop: Thermador induction
- Oven: Thermador
- Microwave: Thermador undercounter drawer
- Dishwasher: Thermador
- Vent hood: Wolf
- Hot water dispenser: InSinkErator

### **Salon:**

- Ice maker: True undercounter
- Beverage center: True undercounter
- Wine coolers: Two True undercounter

### **Master Foyer:**

- Refrigerator: True undercounter drawers

### **Crew Mess:**

- Washers and dryers: Two Miele stacked sets
- Microwave: GE
- Refrigerator/freezer: Bosch

### **Control Room:**

- Freezer: Sub-Zero upright

## INTERIOR HARD & SOFT GOODS

**Cookware:** Galley is fully equipped with cookware, cutlery, bakeware, and utensils. Cookware includes: All-Clad stainless steel induction cookware set, Henkel cutlery set, KitchenAid mixer, food processor, toaster, blender, and coffee maker.

**Barware:** Custom fit, secure storage is provided for barware in the Salon. Barware includes twelve highball glasses and double old fashioned glasses.

**Formal tableware:** Provided in custom fit, secure storage in the Dining area

- Dishware: Twelve 5-piece place settings and soup/pasta bowls; one serving platter, serving bowl, serving utensil set, sugar bowl, and creamer
- Flatware: Twelve 5-piece sets, one serving utensil set
- Glassware: Twelve wine glasses, water goblets, and champagne flutes

**Casual tableware:** Stored in the Galley

- Dishware: Twelve 5-piece place settings and bowls; one serving platter, serving bowl, sugar bowl, and creamer
- Flatware: Twelve 5-piece sets, one serving utensil set
- Glassware: Twelve stemless wine glasses, sixteen tall glasses and tumblers

**Linens:** Guest linens for bed and bath include pillows, two sets of sheets, including flat, fitted and pillowcases, blankets, duvet, duvet cover, luggage pad, bathrobes, bath towels, hand towels, and face cloths.

Crew linens for bed and bath include pillows, two sets of sheets per berth, blankets, bath towels, hand towels, and face cloths.

Tableware linens include placemats, napkins, and napkin holders for formal and casual dining.

Household linens include Galley towels and dishcloths and housekeeping towels and cloths.

**Art and accessories:** Customer selected with assistance from Westport Interior Design

**Mattresses:** Innerspring mattresses are custom made to fit each berth

## Exterior Appointments

---

### FLYBRIDGE

**Decking:** Teak over composite deck

**Fire station:** Recess for fire hydrant and hose

**Flybridge helm:** Steering controls on centered console

**Helm chairs:** Two Stidd Luxury Low Back, deluxe polished chrome and stainless package, vinyl upholstery

**Helm wheel:** Stainless steel with polished teak rim

**Wing stations:** Steering units on port and starboard of Flybridge console

**Hardtop:** Composite construction covering, 24 volt overhead deck lighting

**Settees:** Settee with cushions and storage below port and starboard, each with high-low table

**Mast:** Composite with electronics, anchor light

**Venturi:** Custom laminated curved glass windshield

## **BOAT DECK**

**Decking:** Snow white non-skid finish

**Davit:** Hydraulic powered Nautical Structures (or equal) crane features proportional control and a 3,300 pound load capacity. Davit runs from an AC power source under normal operation and has redundancy with a DC back up for emergency situations.

**Rails:** Stainless steel rails with mid rail around boat deck

**Awning:** Removable awning assembly

**Hot tub:** Custom fabricated spa with multi-zone jets

**Tender:** AB Nautilus 15DLX with 70 hp Yamaha outboard motor and includes the following: starboard console, VHF radio with fold down antenna, compass, depth sounder, polished stainless steel rails, transom ladder, and lifting bridle. Tender chocks with removable mounting system and four heavy-duty white 6" x 24" fenders with covers are provided.

**Wet bar:** Stone countertop with stainless steel sink, electric grill, undercounter refrigerated drawers, twelve double old fashioned and highball glasses

## **PORTUGUESE BRIDGE**

**Decking:** Teak over composite deck

**Furniture:** Settee, two tables, two Summit or equal folding chairs, sun pad

**Awning:** Removable awning assembly

**Storage:** Port and starboard

**Pop up cleats:** Two

## **FOREDECK**

**Decking:** Snow white non-skid finish

**Davit:** Hydraulic powered Nautical Structures (or equal) crane features power rotation and a 1,100 pound load capacity

**Bosun's locker:** 110 volt outlet inside with lights and storage

**Bow seat:** With storage below

**Pop-up cleats:** Two

## **SIDE DECKS**

**Decking:** Teak over composite deck

**Boarding gates:** Port and starboard

**Boarding stairs:** One 8-step carbon fiber stair with handrails is stowed in recess on the port Side Deck, mounting brackets located at port and starboard gates

**Deck fills:** Port house side recess for tank fills

**Fire station:** Port and starboard house side recess for fire hydrant and hose

**Wind doors:** Aft side deck wind screen doors port and starboard

## AFT DECK

**Decking:** Teak over composite deck

**Wet bar:** Stainless steel sink, undercounter refrigerated drawers and ice maker, bar storage, twelve double old fashioned glasses and highball glasses

**Awning:** Removable awning assembly

**Furniture:** Molded-in settee with cushions, settee table on stainless steel pedestals with electric high/low feature, three loose chairs, dining table with eight dining chairs, and four bar stools

**Curved staircase:** Up to the Boat Deck, a weather tight door leads down to the Control Room

**Capstans:** Two Maxwell 3500 pound 24 volt DC

**Passerelle:** Nautical Structures custom, double telescoping, hydraulic passerelle deploys from the Aft Deck at the top of the port Swim Step stair

## SWIM STEP

**Decking:** Teak over composite deck

**Hose bibs:** For washdowns

**Shower:** Shower head in transom door

**Pop-up cleats:** Four

**Steps to Aft Deck:** Located port and starboard with teak covered steps and stainless steel handrails

**Mooring bitts:** Two, one port and one starboard

**Access door to Control Room:** Watertight door

**Staple rails:** 2" polished stainless steel, removable

**Swim ladder:** Removable carbon fiber ladder

## BEACH CLUB

**Wet bar:** Stainless steel sink, undercounter refrigerator and ice maker, six double old fashioned glasses, twelve highball glasses, TV above

**Furniture:** Two folding chairs, Summit or equal

**Storage:** Port and starboard storage areas accessed via a watertight door. Port storage includes a dive and storage locker. Starboard area includes shore power cords and the water heater.

## FITTINGS & EQUIPMENT

**Flag staffs:** Stern flag staff, bow jack staff, and courtesy flag halyards are provided

**Hull guards:** Upper and lower hull guards are molded integrally with the hull and capped with 1½" stainless steel rub rails

**Name boards:** Side name boards are custom made to the customer's selected style and font and provided with LED backlighting

**Name and hailing port:** Displayed on transom in custom vinyl lettering

**Railings:** Handrails on the Main and Upper Decks are 1½" or 2" diameter polished stainless steel as required by ABS

## EXTERIOR APPLIANCES

(All equipment is as listed or equal)

### **Boat Deck:**

- Refrigerator: True undercounter drawers
- Electric grill: Custom stainless steel enclosure with Wells charbroiler insert

### **Aft Deck:**

- Ice maker: True
- Refrigerator: True undercounter drawers

### **Beach Club:**

- Ice maker: True
- Refrigerator: True undercounter

## UPHOLSTERY

**Covers:** Pearl Grey Stamoid covers are custom made for exterior settees, tables, bars, Flybridge console, tender, sun pad, hot tub, and loose furniture. Pearl Grey Stamoid bags will be utilized for loose handrails for passerelle, boarding ladder, and items such as folding chairs.

**Cushions and sun pad:** Custom fit and upholstered in customer-selected color and pattern

**Flybridge helm chairs:** Upholstered in vinyl

**Windshield:** Black mesh cover is provided for the Pilothouse forward windows

## Safety & Support

---

### SAFETY EQUIPMENT

**Life rafts:** Two 16-man life rafts are secured in custom racks, one on each side of Boat Deck

**Life preservers:** Eighteen adult and six child, USCG approved, with water lights

**Immersion suits:** Fifteen USCG, SOLAS compliant adult suits

**Man overboard equipment:** Three 30" diameter ring buoys, two man overboard buoy markers, inflatable throw cushion

### **Flare kit**

**EEBD:** Seventeen Emergency Escape Breathing Devices

**SCBAs:** Two Self-Contained Breathing Apparatus devices located in machinery areas

**Ship's bell:** Per USCG regulations

**Fire extinguishers:** Two 10-pound and four 5-pound dry chemical type, nine 10-pound carbon dioxide type

### **GPIRB**

### **Medical kit**

### TOOLS

Comprehensive set of Snap-On mechanic's hand tools is provided.

Prop-Smith prop puller is matched to the vessel's propeller hubs.

Toolbox is provided in the Control Room.

### SPARE PARTS

Equipment manufacturers' spare parts kits are provided for the main engines, generators, and watermakers. Extensive ship's spare parts kit is provided and includes assorted fasteners and fittings.

### PROVISIONS

The vessel is delivered with approximately 2,000 gallons of diesel fuel and a full fresh oil tank. Cleaning supplies, towels, etc. are provided.

### PLANS AND DOCUMENTS

Vessel is provided with a complete vessel owner's plan package including:

- Profile and arrangement drawing
- Docking plan
- Tank capacity plan
- Electrical schematics
- Equipment informational packages
- Owner's manual
- Systems schematics for fresh water, deck drains, black water, and fuel systems

### VESSEL SUPPORT

Westport provides an initial dockside orientation program for the Owner/Crew that spans a number of days prior to the delivery, as well as continuing 24/7 on call support after delivery.

Westport reserves the right to make changes and/or substitute components, materials, and inventories that Westport determines are more appropriate for the intended use than those listed in the specifications. Such substitutions shall be of like or better quality. There will be no charges or credits for any substitutions initiated by Westport.