



MAR DEL

## ARRANGEMENTS



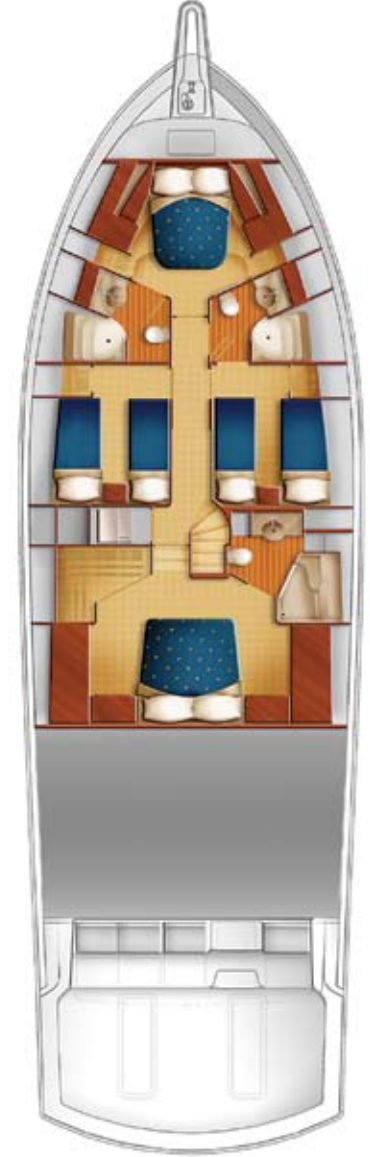
**Standard Flybridge Arrangement**



**Standard Upper Deck Arrangement**



**Standard Four-Stateroom / Four-Head Arrangement**



**Optional Four-Stateroom / Three-Head Arrangement**



**Optional Enclosed Flybridge**



**Optional Enclosed Flybridge with Stairwell to Salon**



**Optional Upper Deck Arrangement with Stairwell to Enclosed Flybridge**

## SPECIFICATIONS

Length Overall (B)	68'6"	20.89 meters
Length Overall with Bow Pulpit	71'10"	21.89 meters
Beam	21'6"	6.57 meters
Draft (C)	5'3"	1.60 meters
Draft Enclosed Bridge (C)	5'4"	1.63 meters
Freeboard Forward (C)	7'10"	2.39 meters
Freeboard Aft (C)	3'1"	0.94 meters
Headroom Most Areas	6'6"	1.98 meters
Freshwater Capacity (C)	400 gallons	1,514 liters
Fuel Capacity (C)	2,100 gallons	7,947 liters
Holding Capacity (C)	125 gallons	473 liters
Weight Displacement (C)	140,000 pounds	63,503 kilos
Height Above Waterline to:		
• Top of Flybridge (C)	15'1"	4.60 meters
• Top of Enclosed Flybridge (C)	19'2"	5.84 meters
Waterline Length	59'9"	18.22 meters

## ENGINE OPTIONS

Twin CAT C32 Diesel Engines	1550 BHP
Twin CAT C32 Diesel Engines	1650 BHP
Twin CAT C32 ACERT Diesel Engines	1800 BHP
Twin MTU 16V2000 Diesel Engines	2000 BHP
Twin MTU 16V2000 CR Diesel Engines	2400 BHP



### Exterior Finish/Construction

- Isophthalic gelcoat, exterior layer, white
- Blister-resistant vinyl ester 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 and Miscellaneous

- Wood bulkheads, cabinetry and trim with a satin or high-gloss polyester finish in cherry or African mahogany
- All hardware polished chrome with brushed chrome in galley
- Fiberglass pulpit with welded and polished stainless-steel anchor chute and roller
- 60-pound Danforth anchor, anchor line and deck hawse pipe
- Windlass, 2500lb. with 25 feet of acculoy hot dipped galvanized chain and 300 feet of rope with deck mounted control switches
- Bow thruster tube
- Four polished stainless-steel springline cleats with chafing strips, through-bolted in aluminum backing plate
- Polished stainless-steel bow cleats and chocks with chafing strips, through-bolted in aluminum backing plate
- Two polished stainless-steel stern cleats and hawse pipes, through-bolted in aluminum backing plate
- Polished anodized welded aluminum rails on bow, side-deck and flybridge, drilled and tapped in aluminum backing plates
- Fog bell
- Dual air horn
- Zincs on rudders and shafts
- Black braided nylon mooring lines (6)
- Alloy 22 high-strength propeller shafts, 4-inch

- Manganese bronze dripless rudder seals
- Dripless shaft seals with spare seals
- Life jackets (8)
- Life ring
- Portable "drychem" fire extinguishers (10), U.L. approved type in compliance with United States Coast Guard and ABYC standards
- Stainless-steel trim tabs
- Manganese bronze struts
- Stainless-steel rudders
- 8-blade propellers, Nibral high performance
- Reboarding steps to cockpit
- Central vacuum system
- Black fenders (4)
- Deck plates for fuel and water fills and waste pump out
- Heavy duty engine couplings
- Generator exhaust, water separator
- Bow deck access to rope storage locker

### Engine Compartment and Bilge

- Water manifold with centralized shut-off valve for sinks and showers
- Pultruded fiberglass rudder shelf
- AC fluorescent lights
- DC lights
- DC exhaust 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 compartment with automatic and remote manual controls, plus audible and visual discharge signals
- Two 27.5kW freshwater-cooled Electronic Quiet Diesel Onan generators(D) with shock mounts, seawater strainer, remote start, fuel/water separator, hour meter, water lift muffler and sound enclosure
- Pressure and temperature controlled forced air induction system for engine combustion air and fans ducted from cockpit (single fan reversible for flow-through ventilation)
- Polyethylene water lines
- Electric fuel transfer system with two pumps, providing back-up capability, with filtration and dry tank protection for pump
- Freshwater fill hose for engines and generator
- AC compressed air system with air line and regulator
- 24-volt DC bilge and sump pumps: four at 3700 gph, two at 3800 gph and three at 2000 gph, with heavy-duty float switches and protective guards
- Auxiliary emergency bilge pump, 300 gpm in lazarette
- Bronze/chrome plated ball-valves through-bolted in solid fiberglass on all underwater through hull fittings with electrical bonding throughout
- Pressurized 230 volt AC freshwater pump
- 230-volt AC 40-gallon electric water heater
- U.L. Marine-listed fiberglass fuel tanks constructed with fire-retardant resin and 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.
- Fiberglass holding tanks, constructed with bronze fittings and 24-volt DC sewage pump, plumbed for dockside pump-out, with ¾ full display and alarm as part of systems monitor programmable logic controller
- 110-volt AC reversible oil changing system for engines, gear and generator with Hatteras patented quick disconnect
- U.L. Marine-listed fuel filter/water separator, generator
- Sealed shower sumps
- U.L. Marine-listed duplex fuel filters/water separators with bypass manifold, engines
- Electric fuel priming pumps, engines
- Welded and polished stainless-steel grab rails
- Painted polyurethane engine room and bilges
- Air conditioning compressors and pumps
- United States Coast Guard type A1 U.L. Marine-listed fuel lines
- Isolated discharge sea chests
- 1" 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
- Monitoring consoles for main engines include all necessary gauges, start and stop switches
- Rubber deck mat between engines
- Seawater pressure system with AC pump
- Transducer well, glycol filled

### Electrical Systems

- Two 24-volt banks of heavy-duty, 12-volt marine batteries mounted in fire-retardant fiberglass boxes
- U.L. 1426 listed boat cable, tin coated with insulation
- Gel/lead acid compatible 240-volt automatic/programmable battery charger, 50/60 Hz
- Automatic battery paralleling system with switch at control console
- Two 240 volt, 50 amp, transformer connected retractable shore cords with over-current protection and wireless remote control (cockpit)
- AC and DC lights and fixtures
- AC dimmable lights
- AC duplex outlets with ground fault protection
- Battery control panels with fuses and isolation switches
- DC electronics panel with magnetic circuit breakers (flybridge)
- AC and DC distribution panels with magnetic circuit breakers
- AC switching panel with voltage source selector switches, volt meter, ammeter, frequency meters, twin generator start/stop controls, interlock selector breakers and voltage boost switches
- Navigation lights
- Ground fault protection on AC receptacles and lighting circuits
- Air conditioning, 66,000 BTU (96,000 BTU with enclosed bridge), with reverse-cycle heating, with A/C compressors, individually controlled by SMX controls
- Omni-directional TV antenna
- Ventilation fans in attic space

### Flybridge

- Systems monitor with programmable logic controller readout, visual and audible signals for engine, alternator, high bilge water, fire warning in engine compartment, fire extinguisher discharge, AC power loss, smoke detectors, battery voltage, ¾ full holding tank monitor, and carbon monoxide detectors
- Molded fiberglass
- Northstar 6101i GPS/plotter, Icom VHF, Simrad autopilot repeater, Furuno RD30 depth and temp
- Polished anodized welded aluminum rails and stanchions

- Straight lounge to starboard, U-shaped lounge forward around to port with removable vinyl-covered polyfoam cushions and storage underneath
- Center control station with all switches
- Compass with dimmable light
- Pod console with custom wheel and single-lever clutch and throttle controls (electronic) with emergency back-up, engine synchronization, and trolling valve control switches
- Hydraulic power-assisted steering
- Twin Murray Sea-19 adjustable teak helmchairs with stainless-steel hardware and footrest, and backing plate
- DC AM/FM stereo receiver with CD player and speakers
- Fuel level gauges
- Rod storage in port, starboard and aft lounges
- Top-loading insulated chill box, starboard
- Neutral interlock switches allowing engine to start in neutral only
- Powder-coated grab rails
- AC weatherproof receptacle
- Aft facing seat, aft of chill box and starboard lounge
- Top-loading deep freezer, 8 cubic feet, forward outboard port side of the console

### Optional Enclosed Flybridge (F)

- Systems monitor with programmable logic controller readout, visual and audible signals for engine, alternator, high bilge water, fire warning in engine compartment, fire extinguisher discharge, AC power loss, smoke detectors, battery voltage, ¾ full holding tank monitor, and carbon monoxide detectors
- Molded fiberglass
- Northstar 6101i GPS/plotter, Icom VHF, Simrad autopilot repeater, Furuno RD30 depth and temp
- Polished anodized welded aluminum ladder, cockpit to bridge deck
- Elevated L-shaped lounge to port with rod storage
- Adjustable Pompanette helmsman seat at forward station, pedestal mount
- Riding seats, port and starboard, with port section adaptable for longer L-shaped lounge
- Fixed frameless windows and windshield with safety glass
- Intermittent electric windshield wipers/washers with controls