



540



Beyond Boundaries



BERTRAM

FEEL THE RIDE. LIVE THE LEGEND.



Exterior Finish

- Maxguard (PREMIUM ISO-NPG gelcoat)
- Feature stripes painted with Dupont IMRON® paint
- BOMAR hatches powder coated to match gelcoat
- Molded non-skid gelcoat deck surfaces
- Blister resistant vinyl ester resin in hull bottom skin coat

Hull, Deck and Flybridge Construction

- Deck: hand laid-up molded fiberglass hull with solid core and sandwich construction
- Flybridge: hand laid-up molded fiberglass and sandwich construction
- Hull: hand laid-up molded fiberglass, solid bottom with vacuum bagged cored hullsides, solid keel and chines
- Solid fiberglass hull bottom. Hull sides & superstructure laminated with high density foam.
- Hull sides above waterline - vacuum bagged with divinycell core

Hull

- Ball seacocks on all underwater thru hull fittings, all with electrical bonding
- Bertram dark blue waterline stripe
- Bottom paint with primer coat and 1 coat dark blue anti-fouling paint
- Common drain system
- Freshwater Tank: injection molded
- Fuel Tank: FRP, zero trim effect (midship mounted) with fuel level sight glass
- Holding tank: with liquid level monitors and plumbed for dockside pump out
- Underwater exhaust muffler system
- Recessed transom swim/emergency steps
- Recessed trim tabs, Electro-hydraulic
- Sump tank with automatic pump-out for shower and sink
- Zincs, transom mounted

Deck

- Integral bow pulpit with stainless steel chute and roller
- Anchor locker
- Anchor windlass: electric with deck mounted foot controls
- Anchor: Delta 55 lbs. with chain and line
- Bertram dark blue deck stripe with gold accent pin-stripe
- Wash down faucet (foredeck)
- Anodized aluminum bow rail with burgee staff
- Cleats: 2 forward, 2 aft with transom hawse pipes, 4 spring line
- Compressed heavy-duty white vinyl rub rail with solid stainless steel insert
- Fuel fills, port & starboard
- Freshwater tank fill
- Fuel fill alarm
- Hatches over engines for ease of engine access
- Powder coated aluminum handrails on pilaster
- Powder coated aluminum handrails over side windows

Cockpit

- Access hatches to lazarete, gasketed, scuppered, and dogged
- Cable TV and telephone connections
- Cockpit coaming padding
- Cockpit Mezzanine Seating
- Dockside electrical connection, (1) 50 AMP/220V (GlennDinning CableMaster, standard)
- Dockside water connection with pressure reducing valve
- Doors, port and starboard, to conceal shore power inlets, dockside water inlet, faucets and switches
- Engine room access door, with ladder to engine room, lockable
- Fire extinguisher manual controls
- Flybridge ladder with acrylic steps
- Wash down, Freshwater
- Wash down, Saltwater
- Lighting: Cockpit
- Molded boarding steps (port & starboard)
- Cockpit freezer
- Reinforcement for fighting chair
- Removable fish box with macerator pump
- Removable hatch to machinery room
- Rod holders (4)
- Salon steps, teak covered and molded ice box
- Self-bailing cockpit with large scuppers
- Stereo speakers, watertight
- Transom door and gate
- Transom fish box insulated, with overboard drain
- Under gunwale storage for boat hook and gaff

Flybridge

- Electronic controls
- Engines synchronizer
- Instrument panel with: tachometer, oil engine pressure, engine water temperature, gear, oil pressure, voltmeter, fuel level, switches and fireboy discharge indicator
- Systems monitors with audible alarms included in engine package
- Stereo and VHF locker with Plexiglas cover
- Stainless steel steering wheel
- Air horn
- Bertram dark blue flybridge stripe with gold accent pin-stripe
- Compass
- Console handrails, port, starboard and forward
- Distribution panel in locker
- Seating: Teak helm and companion pedestal seats
- Seating: U-shaped lounge forward of helm
- International navigation lights
- Molded footrest for helm seat
- Storage: molded under lounge for life raft, console, molded starboard side

Engine Compartment and Fuel Systems

- Twin diesel turbo-charged, fresh water cooled main engines with marine gear, engine driven alternators, water separators/ fuel filters, & exhaust mufflers
- Aquamet shafts
- Bronze rudders and struts
- Air intake, hull sides
- Dripless shaft seals
- Dual fuel filters-main engines (4 total)
- Emergency engine shut-down system
- Trolling valves
- Acoustical and thermal insulation in the engine room
- Vibration dampening isolators for engines
- Automatic/Manual blower system for engine room
- Bilge pumps (4); (3) auto/manual, (1) auto only
- Electric Hot Water Heater: 11 gal
- Emergency bilge water evacuation system, engine driven
- Engine and machinery room lighting AC & DC
- Engine room access ladder (removable)
- Fixed fire extinguishing system for engine and machinery rooms with automatic and remote manual controls plus audible and visual discharge signals
- Fuel filters on generator supply
- Generator: 15.5 kW freshwater-cooled, remote start diesel generator with exhaust muffler and sound shield (Generator may not supply power for all standard, optional and owner-added equipment. Power management may be required.)
- Hi gloss polyurethane finish
- Hydraulic steering with power assist pump
- Metered oil change system for engines, gear & generator with quick disconnect

- Removable engine room hatches
- Seacocks, heavy duty manganese bronze
- Seawater strainers for generator, air conditioning and saltwater wash down pump

Electrical Systems - Deckhouse

- 240V/120V AC input and main distribution panel with voltmeter, ammeter, generator controls, magnetic circuit breakers and shore power selector switches
- 24V/12V DC main distribution panel with voltmeter, ammeter, magnetic circuit breakers and batteries tester
- Alarm Monitor: bilge flood signal for four compartments, black water tank indicator light, high-heat signal in engine and machinery rooms
- Electrical pump-out for toilet holding tank
- Fresh water level gauge
- Light fixtures, 120V AC/ 24V DC
- Radio and cable television system with antenna and shore connection
- Telephone jacks with shore connection

Electrical Systems - Galley

- 240V/120V AC appliances distribution panel with magnetic circuit breakers
- GFI receptacles

Electrical Systems - Bridge

- 24V DC flybridge electronics accessory panel with magnetic circuit breakers in console
- 12V DC flybridge electronics accessory panel with magnetic circuit breakers in console
- Alarm Monitor: bilge flood signal for four compartments, black water tank indicator light, high-heat signal in engine and machinery rooms
- Battery parallel switch, remote
- Ground fault circuit interrupter receptacles in console
- Main engine control panel

Electrical Systems - Engine Room and Systems Room

- 24V DC batteries panel with switches for main engines and main battery disconnect switches
- 24V DC fuses for uninterrupted power to bilge pumps, fire and bilge flood monitors
- Batteries (4), heavy duty, 12VDC
- Battery chargers with thermal cutoff and switching system for complete integration and battery parallel system for main engines and generator
- Bonding system, galvanic and electrical
- Converters (2) 50 amp 24V
- GFI receptacles
- Isoboost Transformers (2)
- Light fixtures, 120V AC/ 24V DC

Deckhouse- Salon

- Aluminum salon door with frameless glass
- Fixed frameless windows with tinted safety glass, forward, port and starboard
- Frameless windows with tinted safety glass, aft
- Entertainment center with 32" LCD TV, AM/FM stereo receiver, CD/DVD player, CD changer
- White Oak wood paneling with padded vinyl accents
- Vinyl headliner (Whisper Wall System)
- Soft blinds
- Sofa with storage
- Cocktail table with storage
- 120V AC receptacles
- Air conditioning electronic control
- Carpeting with acoustic padding
- Central vacuum system
- Electrical distribution panels
- Lighting, 120V AC and 24V DC

Deckhouse- Galley/Dinette

- CORIAN® countertops and sinks with sea rail molding
- 120V AC Sub-Zero refrigerator (4.9 cu ft./138 lbs.) and freezer (5.1 cu ft./144 lbs.) under counter drawer type
- Flooring, Amtico teak and holly
- Cooktop, four burners
- Designer storage cabinets
- Dinette, J-shaped with table
- Overhead rod storage compartment
- Single lever hot and cold faucet
- Storage cabinets & drawers
- Vinyl headliner
- Lighting, 120V AC

Companionway

- Carpeting
- Central vacuum system
- Flush panel doors to staterooms, starboard head and laundry locker
- Lighting 24V DC
- Awlgrip finished bilge storage compartment
- Vinyl headliner and wall covering
- Washer and dryer in locker

Master Stateroom

- Queen-sized berth with lift up storage beneath
- Mattress, foam with spread, pillows, and shams
- Sheets/pillowcases, one set
- Reading lights
- Hanging locker full height, lighted, cedar lined
- Full length mirror on hanging locker door
- Mirror aft bulkhead
- Built-in dressers with drawers
- Entertainment center with 19" LCD TV-AM/FM stereo/CD/DVD/MP3 player
- 120V AC receptacles

- Air conditioning electronic control
- Built in digital alarm clock
- Carpeting
- Lighting, 120V AC and 24V DC
- Vinyl headliner and wall covering
- Hullside Window

Port Guest Stateroom

- Berths, twin, off set with storage
- Mattress, foam with spread, pillows, and shams
- Sheets/pillowcases, one set for each berth
- Reading lights
- Hanging locker, cedar lined with automatic light
- 19" LCD TV, AM/FM/CD/DVD/ Player
- Air conditioning electronic control
- Built in digital alarm clock
- Carpeting
- Lighting, 120V AC and 24V DC
- 120V AC receptacles
- Vinyl headliner and wall covering
- Hullside Window

Forward Guest Stateroom

- Queen-sized berth with drawer storage beneath
- Drawers under bed (2)
- Mattress, foam with spread, pillows, and shams
- Sheets/pillowcases, one set
- Hullside storage lockers
- Opening hatch overhead with shade & screen
- Reading lights
- Upper cabinet storage, port & starboard
- Entertainment center with 19" LCD TV with AM/FM/CD/DVD/MP3 Player
- 120V AC GFI receptacles
- Air conditioning electronic control
- Built in digital alarm clock
- Carpeting
- Lighting, 120V AC / 24V DC
- Vinyl headliner and wall covering

Master Head

- CORIAN® countertop and sink
- Flooring, Amtico teak and holly
- Stall shower with door & floor grate
- Tecma® electric toilet system (freshwater)
- Mirrored overhead
- Towel bar
- Vinyl wall covering
- 120V AC GFI receptacles
- Exhaust blowers
- Lighting, 120V AC and 24V DC

Port Guest Head

- CORIAN® countertop and sink
- Flooring, Amtico teak and holly
- Stall shower with door & floor grate
- Tecma® electric toilet system (freshwater)
- Mirrored overhead
- Towel bar
- Vinyl wall covering
- 120V AC GFI receptacles
- Exhaust blowers
- Lighting, 120V AC and 24V DC

Coast Guard Mooring and Docking Equipment

- American flag
- Bertram burgee
- Docking lines braided nylon
- Fire extinguishers, portable
- Fog bell, 8"
- Life jackets (8)
- Life ring
- Owner's manual

Cockpit Options

- Cockpit shower, hot and cold
- Cockpit Sole Teak
- Fiberglass swim platform
- Fighting Chair, Teak seat Large
- Ice maker, Eskimo, for transom fishbox
- Mister System
- Remote control for fly bridge stereo in cockpit

Flybridge Options

- Helm and Companion teak seat, pair (Murray/Bluewater)
- Cold plate for flybridge cold box
- Trolling Valves
- Table on flybridge, fiberglass

Deck/Exterior

- Underwater Lights across Transom, 110V (3)
- Underwater Lights across Transom, 24V (3)
- Gelcoat Hull Color - Bahama Blue
- Gelcoat Hull Color - Fighting Lady Yellow
- Bow Thruster
- Video Ray – Sport Edition (Factory Installed)
- Video Ray – Safety Edition (Factory Installed)

Engine Room/System Options

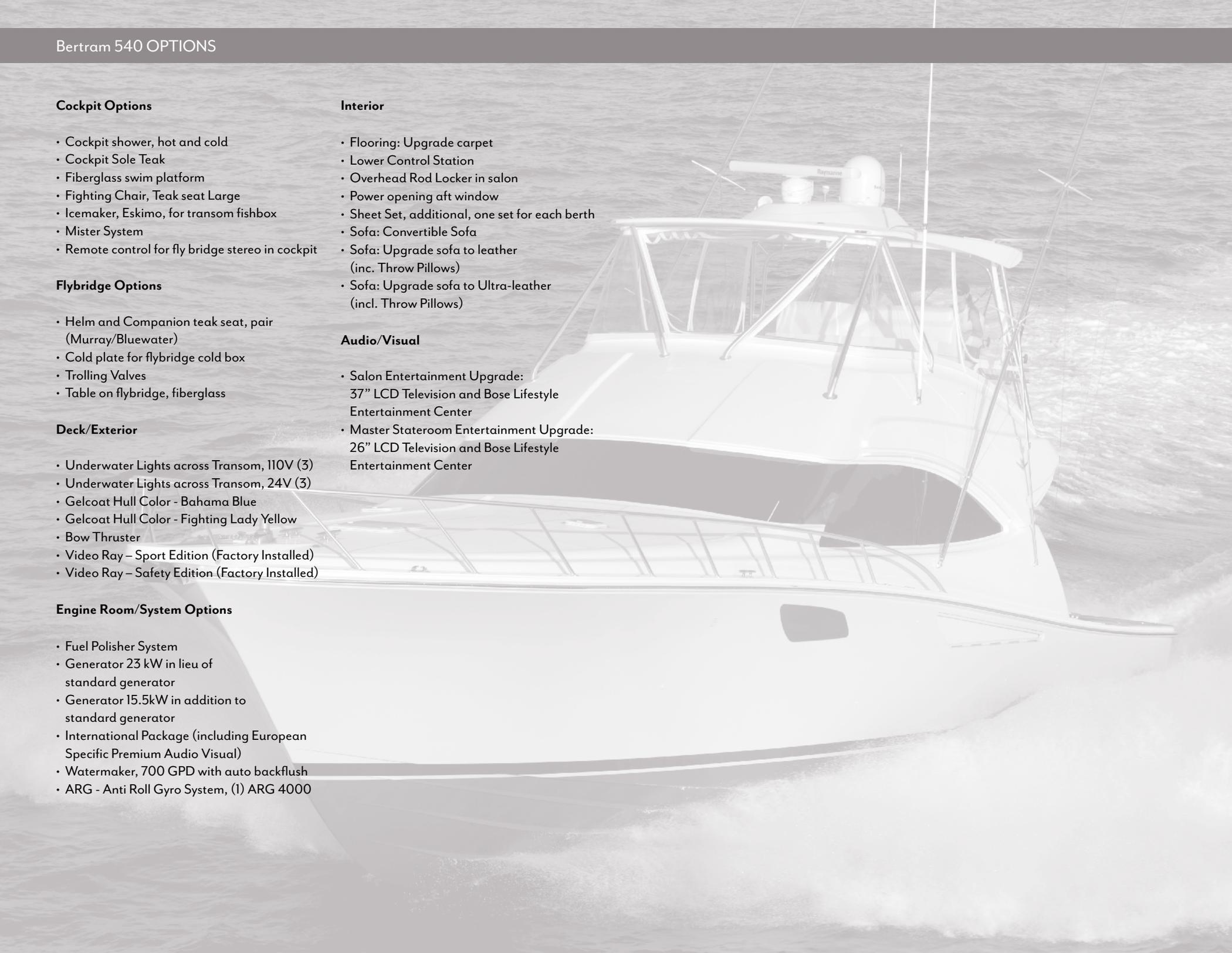
- Fuel Polisher System
- Generator 23 kW in lieu of standard generator
- Generator 15.5kW in addition to standard generator
- International Package (including European Specific Premium Audio Visual)
- Watermaker, 700 GPD with auto backflush
- ARG - Anti Roll Gyro System, (1) ARG 4000

Interior

- Flooring: Upgrade carpet
- Lower Control Station
- Overhead Rod Locker in salon
- Power opening aft window
- Sheet Set, additional, one set for each berth
- Sofa: Convertible Sofa
- Sofa: Upgrade sofa to leather (inc. Throw Pillows)
- Sofa: Upgrade sofa to Ultra-leather (incl. Throw Pillows)

Audio/Visual

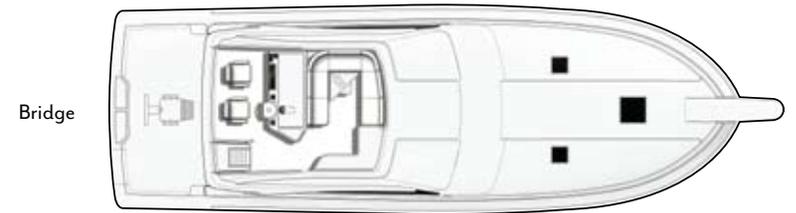
- Salon Entertainment Upgrade: 37" LCD Television and Bose Lifestyle Entertainment Center
- Master Stateroom Entertainment Upgrade: 26" LCD Television and Bose Lifestyle Entertainment Center



Technical Specifications

Bertram 540

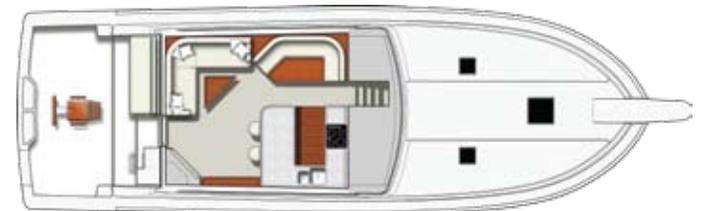
| | | | |
|----------------|---------------------------------------|--|------------------------|
| Size | Overall Length (w/bow pulpit) | 57 ft. 1 in. | (17.40m) |
| | Hull Length (Standard ISO 8666)..... | 54 ft. 2 in. | (16.50m) |
| | Beam, Max..... | 17 ft. 10 in. | (6.70m) |
| | Draft..... | 5 ft. 5 in. | (1.65m) |
| | Height Above Waterline, Maximum | 14 ft. 0 in. | |
| | Cockpit Square Feet..... | 160 sq. ft. | (14.86m ²) |
| Technical data | Displacement (lbs.)..... | 83,737 lbs | (38.0 ton) |
| | Fuel Capacity (US Gal.)..... | 1,524 | (5769 L) |
| | Fresh Water Capacity (US Gal.) | 225 | (850 L) |
| | Holding Tank Capacity (US Gal.)..... | 55 | (208 L) |
| Power | Standard Engine..... | Twin MAN V-12 1224 CR | |
| | Engine Option #1 | Twin MAN V-12 1360 CR | |
| | Engine Option #2..... | Twin CAT C-32 1676 HP | |
| Design | Styling & Internal Design..... | Bertram Yacht/Zuccon International Project | |



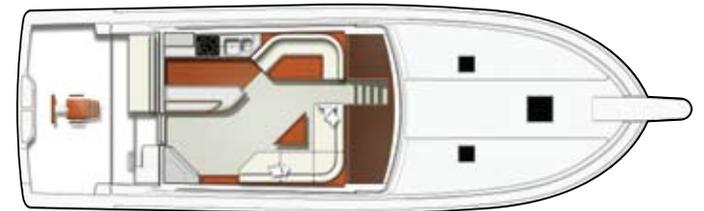
Bridge



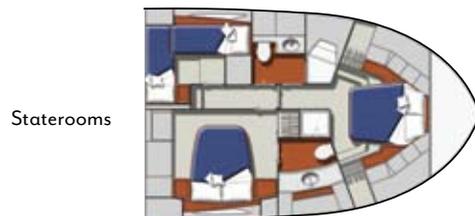
Bridge/Windshield Version



Galley Forward/No Windshield



Aft Galley/Forward Windshield



Staterooms



540



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