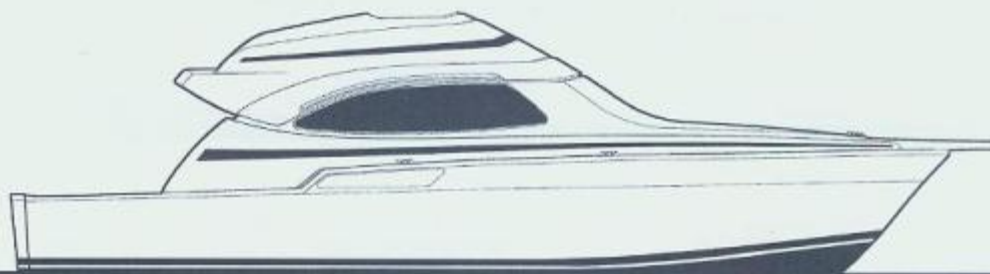




BERTRAM
FERRETTI GROUP



450 CONVERTIBLE

SPECIFICATIONS

LENGTH, OVERALL (with bow pulpit)
48' 3" (14.7 m)

LENGTH, HULL (STANDARD ISO 8666)
45' 4" (13.8 m)

BEAM, MAX
14' 11" (4.54 m)

DRAFT *
4' 4" (1.32 m)

HEIGHT ABOVE WATERLINE, MAXIMUM *
13' 5" (4.1 m)

COCKPIT AREA
120 sq.ft (11.15 m².)

FUEL CAPACITY **
usable 618 U.S. gal. (2340 lt.)

DISPLACEMENT *
46,305 lbs (21 ton)

FRESH WATER CAPACITY TOTAL **
usable 159 U.S. gal. (600 lt.)

STANDARD ENGINE
Twin CAT C12 700 HP @ 2300 rpm

OPTIONAL ENGINE
Twin MAN V8 D2848 LE403 power 800 HP @ 2300 rpm

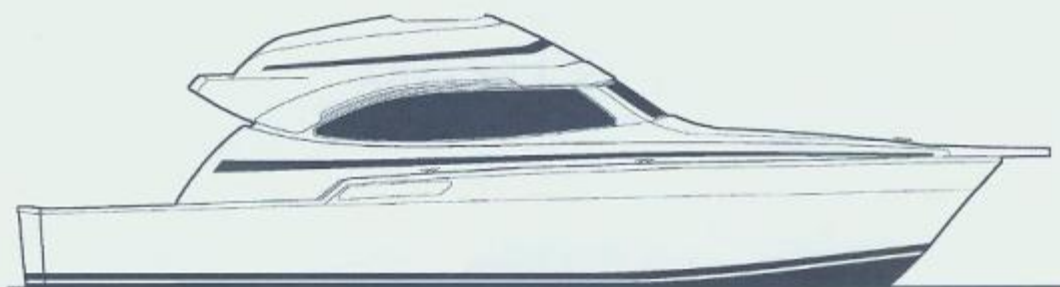
STYLING & INTERNAL DESIGN
ZUCCON INTERNATIONAL PROJECT

INTERIOR DECOR
MARTY A. LOWE, INC.

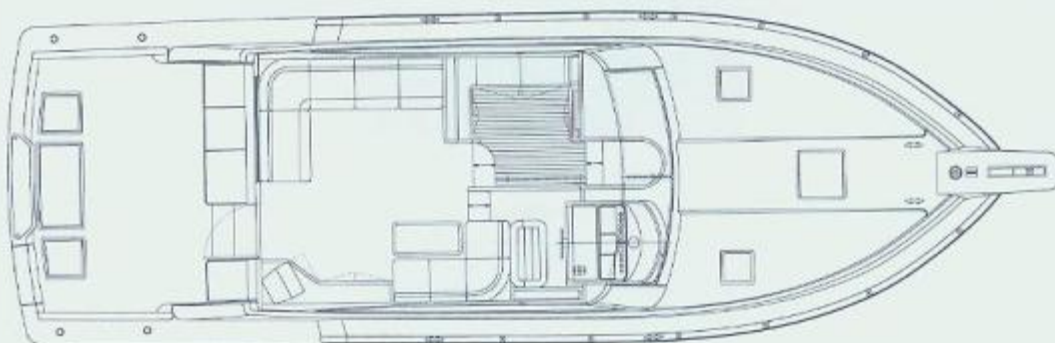
* - with full fuel and water, 6 people and 1,000 lbs. of gear; Add approx. 5' for Hard Top
** The usable volume of tanks will vary depending upon conditions.

Four fifty

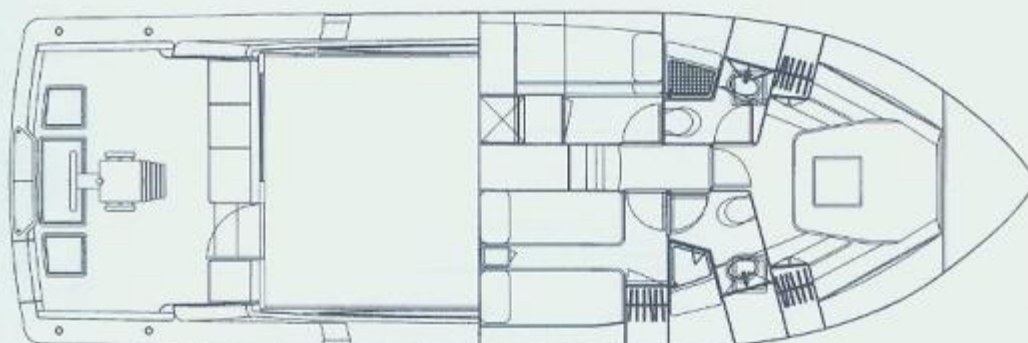
OPTIONAL ARRANGEMENT



OPTIONAL ARRANGEMENT - FWD. WINDSHIELD

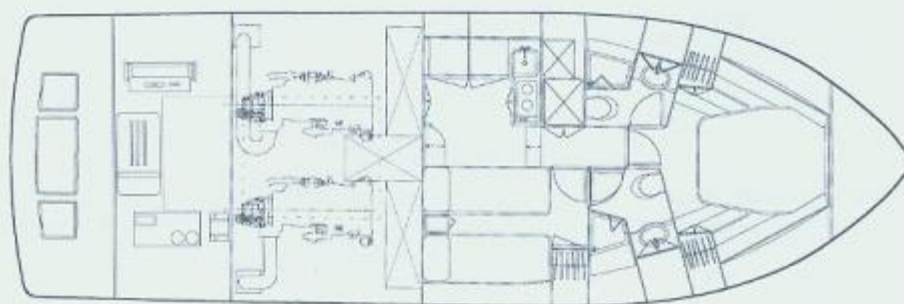
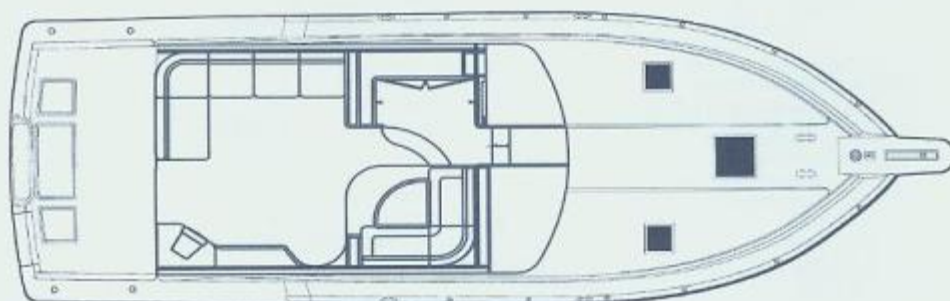
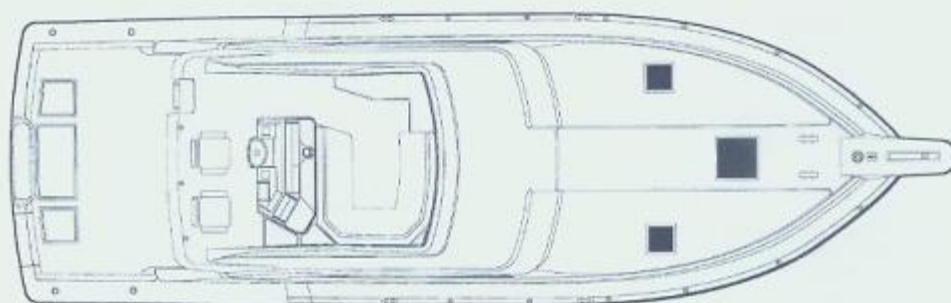


OPTIONAL ARRANGEMENT - LOWER CONTROLS



OPTIONAL ARRANGEMENT - 3 STATE ROOMS

STANDARD ARRANGEMENT



STANDARD EQUIPMENT

EXTERIOR FINISH

- MAX GUARD ISO-NPG gelcoat
- BOMAR hatches powder coated to match gelcoat
- Compressed heavy duty white vinyl rubrail with stainless steel insert
- Feature stripes, painted
- Molded non-skid gelcoat deck surfaces

HULL, DECK AND FLYBRIDGE CONSTRUCTION

- Composite structural bulkheads
- Deck: molded fiberglass sandwich construction
- Flybridge: molded fiberglass sandwich construction
- Hull: solid fiberglass bottom with cored hullsides

HULL

- Zero trim effect, FRP Fuel Tank (midship mounted) fuel level w/sights.
- Ball seacocks on all underwater thruhull fittings, all w/electrical bonding
- Bertram dark blue waterline stripe
- Bilge pumps (3), auto/manual
- Bottom paint with primer coat and 1 coat dark blue anti-fouling paint
- GRP water tank with separators and cleaning hatch baffles
- Holding tank and monitor, plumbed for dockside pump-out
- Pressurized fresh water system with fiberglass tank and dockside fresh water supply
- Sump tank w/automatic pump-out for shower and sink water
- Trim tabs, electro-hydraulic
- Zinc, transom mounted

DECK

- Anchor, 35 lbs., with chain & line
- Anchor locker
- Anodized aluminum bow rail with burgee staff
- Bertram dark blue stripe with gold accent pin-stripe
- Cleats: 2 forward w/chocks, 2 aft w/transom hawse pipes, 4 springline
- Foredeck hatches w/screen & shades
- Frameless side windows
- Fuel fills
- Integral bow pulpit w/stainless steel roller and chute
- White aluminum handrails over side windows

COCKPIT

- Access hatches to lazarette, gasketed, scuppered, and dogged
- Aft salon window, frameless, removable
- Aluminum salon door with frameless glass, removable
- Cockpit coaming padding
- Cockpit lights (2)
- Fire extinguisher manual controls
- Flybridge ladder with acrylic steps
- Fresh water washdown
- Lights in overhang panel (2)
- Molded boarding step, port and stbd
- Pilaster handrails
- Prep center with:
 - cutting board
 - engine room entrance
 - port side storage locker
 - sink with salt and fresh water faucets
 - stbd side storage locker
- Reinforcement for fighting chair
- Removable fish box
- Removable hatch to machinery room
- Rod holders (4)
- Scuppers (2)
- Step to salon
- Stereo speakers, watertight
- Storage lockers, port and starboard, to conceal shore power inlets, dockside water inlet, faucets and switches
- Transom door and gate
- Transom fish box with overboard drain
- Under gunwale storage for boat hook and gaff
- Water tank fill
- Fuel fill alarm

FLYBRIDGE

- Flybridge ladder with plexiglass steps
- Bertram dark blue stripe with gold accent pin-stripe
- Flag pole
- Helm and companion pedestal seats
- Helm station:
 - instrument panel and planned electronics areas with 2 plexiglass covers

- instrument panel with: tach, engine oil pressure, engine water temperature, gear oil pressure, voltmeter, fuel level, switches and Fireboy discharge indicator
- molded foot rest for helm seat
- stainless steel steering wheel
- stereo and VHF locker w/plexiglass cover

- International navigation lights
- Plexiglass spray shield w/aluminum handrail
- Stereo with watertight speakers
- Storage: molded under lounge seat for life raft, console (lighted), molded portside shelf
- Systems monitors w/audible and visual signals for engine oil pressure, coolant, gear oil, exhaust temperatures and extra alarms included in the engine package
- U-shaped lounge seating with cushions, forward

ENGINE COMPARTMENT AND FUEL SYSTEMS

- 11 gallon electric hot water heater - 240V
- 10 KW freshwater-cooled, remote start diesel generator w/exhaust muffler and sound shield (*Generator may not supply power for all standard, optional and owner-added equipment. Power management may be required.*)
- Acoustical and thermal insulation in the engine room
- Aquamet 17 shafts (2), stainless steel
- Blowers (2), engine room
- Bronze rudders and struts
- Emergency bilge water evacuation system, engine driven
- Emergency engine shut-down system
- Engine and machinery room lighting AC/DC
- Fiberglass fuel tank w/baffles
- Fixed fire extinguishing system for engine and machinery rooms w/automatic and remote manual controls plus audible and visual discharge signals
- Hydraulic steering
- Remote control for fire extinguishing system in engine and machinery rooms
- Removable engine room access ladder
- Seawater strainers for generator, air conditioning and salt water pump
- Twin diesel turbo-charged, fresh water cooled main engines with marine gear, engine driven alternators, water separators / fuel filters, exhaust mufflers
- Vibration dampening isolators for engines

STANDARD EQUIPMENT

ELECTRICAL SYSTEMS

Deckhouse

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

Flybridge

- 24V DC flybridge electronics accessory panel w/magnetic circuit breakers in console
- 12V DC flybridge electronics accessory panel w/magnetic circuit breakers in console
- Alarm monitor panel with:
 - bilge flood signal for three compartments
 - high-heat in engine and machinery rooms
- Battery parallel switch, remote
- Ground fault circuit interrupter receptacles in console
- Main engine control panel

Engine room

- 24V DC batteries panel w/switches for main engines and main battery disconnect switches
- 24V DC fuses for uninterrupted power to bilge pumps, fire and bilge flood monitors
- Air conditioning zoned with reverse cycle heat
- Batteries (4), heavy duty, 12V DC
- Bonding system, galvanic and electrical
- Converter (1), 50 amp
- Galvanic isolator
- Ground fault circuit interrupter receptacles
- Light fixtures, 24V DC and 120V AC

COAST GUARD MOORING AND DOCKING EQUIPMENT

- Bertram burgee
- Docking lines (4), braided nylon
- Fire extinguishers (4), portable
- Fog bell, 8"
- Life jackets (8)
- Life ring
- Owner's manual

DECKHOUSE - SALON

- 120V AC receptacles
- Air conditioning electronic control
- Carpeting
- Dry bar w/bottle storage
- Electrical distribution panels
- Entertainment center w/LCD 20" TV AM/FM stereo receiver, CD/DVD player
- Lighting, 120V AC and 24V DC
- Padded vinyl bulkheads
- Sofa, L-shaped
- Tinted safety glass windows, port and starboard
- Varnished wood paneling
- Vinyl headliner
- Wood blinds
- Barrel chair (not available with optional wet bar)

DECKHOUSE - GALLEY/DINETTE

- 120V AC refrigerator (4.9 cu ft./138 lbs.) and freezer (4.6 cu ft./130 lbs.) under counter door type
- Cooktop, two burner, ceramic
- Designer countertops and sinks
- Designer storage cabinets
- Dinette, L-shaped w/table
- Lighting, 120V AC
- Microwave oven
- Single lever hot and cold faucet
- Vinyl flooring
- Vinyl headliner

COMPANIONWAY

- Access doors to staterooms, starboard head and laundry locker
- Carpeting
- Lighting 24V DC
- Steps to salon
- Vinyl headliner
- Vinyl wallcovering
- Washer and dryer in locker

MASTER STATEROOM

- 120V AC receptacles
- Air conditioning electronic control
- AM/FM stereo w/CD player
- CD/DVD player
- Carpeting
- Clock
- Foam mattress w/spread, pillows, shams
- Hanging lockers w/shelves
- Hullside storage locker
- Lighting, 120V AC and 24V DC
- Opening hatch with shade
- Queen-size berth w/storage beneath
- Sheets/pillowcases (white), one set
- Vinyl headliner
- 15" LCD TV

STARBOARD GUEST STATEROOM

- 120V AC receptacles
- Air conditioning electronic control
- 2 Berths, twin, w/drawer storage beneath
- Carpeting
- Clock
- Foam mattresses w/spreads, pillows, shams
- Hanging locker, full height w/shelf
- Hullside shelves
- Lighting, 120V AC and 24V DC
- Nightstand
- Sheets/pillowcases (white), one set each
- Vinyl headliner
- Vinyl Wallcovering

MASTER AND GUEST HEADS

- 120V AC GFI receptacles
- Air conditioning vent
- Designer countertops and sinks
- Designer wallcovering
- Exhaust blowers
- Lighting, 120V AC and 24V DC
- Mirrored overhead
- Opening hatch with shade & screen
- Marine toilet system, fresh water w/sea water selector
- Single lever hot & cold faucet
- Stall shower w/door
- Vanity locker w/mirror panels

OPTIONAL EQUIPMENT

RADAR ARCH CRUISING PACKAGE	\$36,400	HARDTOP PACKAGE	\$46,900
• Radar Arch • Bimini top w/ Boot • 3-Sided weather enclosure • High Seas Basic Electronics • SIMRAD AP22 Autopilot • NorthStar 952 XW Differential GPS • FURUNO RD30 Repeater - Speed & Temp • ICOM 402 VHF • Cockpit freezer • Baitwell • Windlass • CableMaster • Oil Change System • Premium TV in Salon (20" LCD Flatscreen w/CD/DVD Player) • Cockpit Shower		• Hi-Spec Top • 3-Sided weather enclosure • High Seas Basic Electronics • SIMRAD Autopilot • NorthStar GPS Plotter • FURUNO Digital Depth and Temp. • ICOM VHF • Cockpit freezer • Baitwell • Windlass • CableMaster • Oil Change System • Premium TV in Salon (20" LCD Flatscreen w/CD/DVD Player) • Cockpit Shower	
COCKPIT		INTERIOR	
B053 - Cockpit Sole Teak	\$20,400	B133 - 3 Stateroom Layout	\$13,900
B012 - Fiberglass swim platform w/ladder	\$6,530	B028 - Central Vacuum System	\$1,070
B054 - Fighting Chair, Teak seat small	\$13,770	B068 - Lower Control Station w/ fwd. windshield	\$53,350
B091 - Ice maker, Eskimo, for cockpit fishbox	\$11,630	B095 - Wetbar pkg. - faucet, sink, icemaker	\$4,390
B071 - Macerator for cockpit sole box	\$1,530		
FLYBRIDGE		DECOR	
B072 - Helm and Companion teak seat, pair	\$3,470	B092 - Sheet Set, add'l, one set for each bed	\$510
B025 - Power Actuated Electronics Console	\$5,510	B052 - Throw pillow package	\$1,990
B090 - Electronic Side mount controls w/ matching wheel	\$8,870	B035 - Upgrade sofa to leather	\$7,550
B076 - Table	\$2,900		
B078 - Trolling Valve	\$6,430	DELIVERY	
		B084 - Cradle	\$4,390
ENGINE ROOM		B096 - Delivery to Port of Miami	\$3,880
B058 - Generator 15KW 60HZ	\$6,940	B094 - Prepare for truck shipment, load, shrinkwrap	\$7,240
in lieu / 10KW 60HZ			
B057 - Euro Generator 13KW 50HZ	\$7,960	AUDIO/VISUAL	
in lieu / 9KW 50HZ		B117 - Guest Stateroom	\$2,790
B011 - Int'l Electric System 50HZ	\$8,670	13" LCD TV, AM/FM CD Player, CD/DVD Player	
220V & CE Certification		MISC	
		Hull Color, Gelcoat	\$5,500
		B126 - Bahama Blue	
		B127 - Aristo Blue	
		B125 - Bow Thruster	\$20,580

DEALER

BERTRAMYACHT, INC.

3663N.W. 21st STREET, MIAMI, FLORIDA 33142, USA • TELEPHONE: (305)-633-8011 • FAX (305)-635-1388

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