



INTEGRITY
MOTOR YACHTS

490 GRAND SEDAN



SPECIFICATIONS

Length (LOA)	14.50m (47'6")	Fuel Capacity	2000 litres (twin tanks)
Beam	4.3m (14'3")	Water Capacity	700 litres (stainless tank)
Draft	1.3m (4'3")	Standard engine	355 kW (380 HP)
Displacement	12,000 kg	Engine option	Cummins 480

INTEGRITY 490 GRAND SEDAN

CONSTRUCTION

- Hull hand laid using woven rovings and glass resin incorporating 2 layers of Vinylester (Osmosis protection) via traditional methods.
- Hull painted in FGI white Polyurethane to resist UV fading.
- Deck and superstructure built using Polyester via traditional methods
- Deck and Superstructure Painted in FGI white to resist UV fading
- Rubbing strake in D section at water level with 316 stainless steel inserts
- Mid height hull in D section for protection of hull sides with 316 stainless steel inserts
- Full length keel at part of hull mould protecting rudder and prop with sacrificial rub strip.
- GRP rudder on Stainless steel rudder stock
- Water-tight bulk heads between forward cabin and engine room, engine room and aft locker

HULL AND DECK HARDWARE

- Anchor platform with large roller
- 60 Lb plough anchor with 60 metres of 10mm short link chain with swivel
- Bow stainless steel cleat 300mm
- Two off Bow stainless steel cleats with fairleads protection to hull.
- Two curved aft Stern cleats 250mm
- Two mid-ship cleats 300mm
- Three lightly tinted bonded and toughened windscreens
- Helm windscreen with wiper and fresh water wash
- Two non-opening ¼ tinted windows bonded and toughened
- Four front cabin opening hull windows
- Opening overhead deck lockable hatch centrally over owners cabin
- Opening overhead deck lockable hatch mounted forward and central near helm
- Opening guest cabin window with flyscreens
- Opening toilet room window with flyscreens
- Slide opening tinted windows in aluminium frames
- Rearward slide opening helm door with key locking
- Electric horn mounted to mast in stainless steel
- Moulded in FRP non-skid on all walk surfaces
- Full height bow deck rails with extra Mid rail in stainless steel
- A stainless steel flag/burgee pole mounted to bow rail
- Full height side deck rails with extra Mid rails in stainless steel
- Quick opening Port and Starboard side rail for side access
- Transom door opening outwards to Starboard
- Teak varnished cockpit top rail with opening to Swim platform
- Side engine room vents, fridge vent in stainless steel
- 5 Deck fill ports both port and starboard in stainless steel
- Side stainless steel vents for fuel, water and holding tanks
- Quick Anchor winch 12 volt 1200w 10mm gypsy and rope gypsy
- Twin deck protected buttons with helm remote
- Anchor chain deep lockable locker suitable for 80m or more of chain plus tap for deck wash
- 240v Shore power water proof screw plug at Starboard cabin side
- Navigation lights Port Starboard, Stern, Steaming and Anchor

- Tee mast with quick fold hinging incorporating positions for lights , horn and optional radar
- VHF aerial mounted to cabin top
- Lightning strike earth grounding system mounted to Tee mast
- Sustainable sourced solid Teak Swim platform mounted to transom
- large folding stainless steel swim ladder
- Swim shower Hot and Cold fresh water mounted in transom
- Sustainable sourced solid Teak cockpit flooring
- Cockpit drain scuppers moulded into cockpit seating
- Starboard cockpit seat 200 litre insulated and self-draining Ice chest
- Full width under floor cockpit locker with lockable twist handle
- Storage for convertible saloon and cockpit table bed cushions

ACCOMMODATION SALON TO STARBOARD

AFTWARD

- L shaped saloon seating covered in Premium Ultra leather or similar material
- Twin leaf varnished dining table in Burmese Teak
- Dining table conversion to double berth with support legs
- Under seat storage with side access hinged doors
- Dedicated teak venting and area for optional heat/ Air conditioning systems
- Overhead 12 volt LED lights mounted in acoustic vinyl headlining

GALLEY TO PORT AND STARBOARD AFT

- Two Top hinged Stainless steel Hooper glass doors on gas struts and safety catches to open the galley/ saloon to the cockpit area
- Full slide away lower stainless steel and glass door with locking position open or closed
- 3 deep solid pull out draws with one button locking
- Glass top 2 burner 240 volt cook top with safety switch
- Overhead cabinet for microwave
- 2 over head wall cupboards with side hinged doors with one button locking
- Solid bench tops in Corian available in choice of colours
- Twin stainless steel sinks with drain capture baskets
- Designer hot and cold mixer tap
- Sink covers to increase bench space
- In countertop pantry or appliance storage
- Large under sinks cupboard
- Waeco 140 Litre fridge with incorporated freeze unit mounted into starboard galley cabinetry
- Large cupboard to port with shelves design to fit optional 2nd Waeco 140 litre fridge/freezer
- Hinged on gas struts 3 insulated floor access doors for engine room access
- Removable support beams for complete engine access
- Overhead LED 12 volt lights mounted in acoustic vinyl headlining
- Hinged smoke glass door to auto lit 12 volt panel and switches

GUEST CABIN FORWARD

- Island bed with covered high density foam mattress
- 1 under bed pull out roller sliding draws with one button locking
- 2 bed step shoe lockers
- 1 hinged door hanging lockers with auto light and cedar linings

- 2 bed adjustable reading lights
- 2 Opening hull windows with curtains
- Teak and holly flooring
- Under bed access to bow thruster battery and reserve stainless steel water tank
- Master switch on bed side for thruster battery
- Overhead LED 12 volt lights mounted in acoustic vinyl headlining
- Access panel to water tank shut valve
- Access floor panel to forward bilge
- 2 shelves with retainer rails
- Vent for optional A/C Heater
- 240v double power point

HALL WAY

- Teak lined panelled
- Teak and holly flooring
- Access lift panel to bilge
- Removable three steps to saloon
- Manual bilge pump with handle
- Y valve control for manual bilge to engine room and forward bilges
- Varnished handrail at steps
- Main switch panel controls under stairs
- Bi folding door way with magnetic catch to toilet area and enclosed shower
- Sliding door way to Guest cabin

OWNERS CABIN TO STARBOARD

- Teak lined panelled
- Overhead LED 12 volt lights mounted in acoustic vinyl headlining
- Teak and holly flooring
- Double bed
- Bed adjustable reading lights
- Opening windows with curtain
- Two deep hanging lockers with one button locking doors
- 2 under bed pull out roller sliding draws with one button locking
- Ample under bed lined storage
- 240v double power point

SHOWER ROOM

- Accessed via toilet room through a sliding Bi folding opaque door
- Adjustable shower rose on flexible hose
- One touch hot and cold mixture tap
- Shower sole with non-skid in GRP
- Removable Teak floor grate
- Stainless steel shower drain to auto switched pump out
- 12 volt switched steam extractor fan
- Built in shower seat
- Shower seat lifts up for dry storage
- Cupboard for storage with one button locking
- Overhead LED 12 volt light

TOILET AREA

- Sole with non-skid in GRP
- Removable Teak floor grate
- Vanity with Corian top available in choice of colours
- One touch hot and cold mixture tap
- Ceramic wash basin with built in plug
- 12 volt switched extractor fan
- Hinged door to under vanity storage and hull ball valves
- TMC electric flush household sized toilet macerator type
- Water proof flush switch
- Large wall mirror

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- Holding tank level warning unit
- Y valve for holding tank/overboard control
- Overhead LED 12 volt lights
- 240v double power point

HELM STATION

- Wide Helm seat covered in Ultra leather or similar material
- Hidden under seat storage
- Hinged smoked glass door to lit 240 volt panel and switches
- Capilano steering head with Stainless steel steering wheel 22"
- Angled foot rest built in to helm access panel
- Quick Control joystick for bow and stern thrusters
- Shore power trip switch panel
- Black dash panel lower and upper (other colours available)
- Engine instrumentation oil, temperature, voltage. Plus audible warning and warning lights.
- Engine start stop buttons and ignition key
- Water and twin fuel gauges
- Rocker switches for windscreen wash, wiper(s) and horn
- Curved helm coaming covered in Ultra leather or similar material
- Ritchie Magnetic compass mounted on helm coaming
- Morse cable twin controls Forward/reverse and throttle
- Above helm dedicate panel with VHF and Stereo system
- Remote control for anchor winch
- Overhead 12 volt lights mounted in acoustic vinyl headlining

COCKPIT

- Wide shaped cockpit seating to port, stern and starboard
- Twin leaf varnished dining table in Burmese Teak
- Cockpit table conversion to double berth with support legs
- Fresh water deck wash tap
- Under seat storage
- Emergency steering access panel
- Optional camping covers with walkway zip down clears

MECHANICAL ENGINE ROOM

- Hard wood engine bearers laminated to hull and main ring frames
- Single Cummins QSB6.7 480HP engine with fresh water cooled via heat exchanger
- Isolated engine drip sump to prevent oil spills
- Hydralift Wet box muffler exhaust system
- ZF gearbox with cable hydraulic control
- Twin fuel tanks mounted port and starboard with built in sumps and drain tubes
- Fuel tank sight tubes
- Racor twin fuel filter systems with water separation and bypass ball valves
- Fuel manifold Valve system for control of fuel feeds, return and bypass.
- Engine mounted via four insulating mounts
- Stainless steel propeller shaft
- Bronze 5 blade propeller
- Premium PSS dripless stern gland unit
- All through hull fitting supplied with labelled bronze

- or stainless steel ball valves and skin fittings
- Engine room floor lined with removable non-skid flooring
- Ceiling lined with sound and vibration insulation
- Engine sea water strainer with glass inspection
- Generator sea water strainer with glass inspection
- 120 Litre black water holding tank with removable inspection port
- TMC 12 volt macerator pump with Y valve for deck drain or hull outlet
- Jabsco 12 volt fresh water pump with built in filter
- Jabsco 12 volt water transfer pump from secondary tank to main water tank
- Accumulator unit for fresh water system
- Jabsco 12 volt deck wash pump with built in strainer
- Engine room lowest point bulge with auto bulge pump and high water alarm
- Quick 40 litre hot water unit 240 volt or engine heated
- Engine room blower and air intake vents
- Onan 9.5kw 50hz GenSet with separate fuel valving
- Batteries for engine, house and GenSet in labelled GRP battery boxes
- Rule 2000 automatic bulge pump with float switch

OWNER'S CABIN / HALLWAY

- Rule 2000 automatic bulge pump with float switch
- High level water warning float and switch
- Shower sump with Rule 800 automatic pump with built in strainer
- Quick 4hp Bow thruster
- Stainless steel secondary water tank with ball valves
- Thruster battery with isolation switching

AFT COCKPIT LOCKER

- Capilano Hydraulic steering ram
- 2-1/2" Stainless steel rudder stock
- Victron 40amp smart battery charger
- VSR charging relays
- Quick 4 hp Stern thruster
- Stern thruster battery in GRP battery box
- Battery 12 volt isolation switch
- Stainless steel water tank with sight tubes
- Cockpit hatch drain 25mm drain
- Teak handled emergency steering arm
- Floor lined with removable non-skid flooring
- Rule 2000 automatic bulge pump with float switch
- High level water warning float and switch
- Manual bilge pump for aft bilge

ELECTRICAL SYSTEMS 12/240V 12 VOLT

- 12 volt powered by two 150 Ah house batteries, charged by either engine alternator or on board battery smart charger
- Engine starting via isolated 12 volt system using one 150 Ah starting battery
- GenSet starting via isolated 12 volt system using one 150 Ah starting battery
- Quick 8 hp Bow thrusters with separate 12 volt system using one 150 Ah battery
- Quick 8 hp Stern thrusters with separate 12 volt system using one 150 Ah battery
- Jabsco water pump with accumulator and filter
- A separated 12 volt switch panel with individual breaker switches
- All lighting via 12 volt system using LED bulbs where possible
- Raymarine VHF radio or similar

- Fusion stereo, with docking pod, and Bluetooth
- LCD TV with inbuilt DVD and USB input
- 2 cockpit ceiling mounted speakers
- 2 saloon ceiling mounted speakers
- "Fail safe" 12 volt jump switching for starting engine if battery fails
- "Fail safe" 12 volt jump switching for starting GenSet if battery fails
- 3 Electric bulge pumps with float switches one in each water tight compartment
- 3 high level warning floats with audible alarm one in each water tight compartment
- 4 bright engine room lights switched, plus 2 bright cockpit locker lights switched 240 volt
- Australian certified 240v system
- 240v switch breaker at helm
- Separated 240 volt switch panel with individual breaker switches
- 15 amp 25m Shore power cable with water proof deck screw plug
- Victron 120 amp smart charger, charges via VRS system to each 12 volt system.
- 240v double outlets, 1 in galley, 2 in saloon, 1 in owners cabin, 1 in guest cabin and 1 in toilet room
- Microwave 1000w mounted in galley cabinetry

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*Specifications subject to change without notice dependent on component availability.