

JOHNSON 105 MOTORYACHT — Standard Specifications

LOA.....	105'	32m
BEAM.....	23'6"	7.19m
LWL.....	83'6"	25.45m
DRAFT.....	6'6"	2.01m
AIR DRAFT.....	21'6"	6.56m
DRY EMPTY.....	105 Tonnes	
ENGINES.....	Twin 1825HP Caterpillars	
FUEL CAPACITY.....	15,120L	4000G
WATER CAPACITY..	2271L	600G
HOLDING TANK.....	576L	150G
DESIGNER.....	Bill Dixon	
ACCOMODATION.....	4 double, 1 twin, 5 ensuite + 2 crews	

HULL & DECK EXTERIOR GENERAL

1. Teak main decks
2. Hard Top
3. High Bulwark w/flush mounted deck lights, four bulwark side doors for boarding.
4. Stainless steel integral rollers and chain stopper for dual anchor chain.
5. Maxwell 6000 series
Vertical Hydraulic Windlass, Dual Direction, Chromed, Clockwise rotation, with Chain wheel C1=3182/016 (1/2"HT), and parts, foot switches w/cover, 24VDC remote control panel.
6. Aft Deck Mooring Capstans
 - VC2200W/D, Wide drum single direction, 24VDC, Chromed .Foot switch w/ cover, 80 amp breaker panel, P19046 reversing solenoid packs, 24VDC
7. Stainless steel anchor/300 ft. High Tensile Galvanized anchor chain
8. Fresh water anchor chain wash down.
9. Heavy-duty S/S 3" handrail w/ 1-1/2" stanchions.
10. Stainless flagpole on bow rail.
11. Forward deck storage locker
12. Heavy-duty 316# stainless steel cleats and fairleads rollers.
13. Tinted tempered safety glass.
14. S/S pneumatic sliding door for main salon.
15. Pantograph side doors in deckhouse, Port and Starboard.
16. S/S port holes with black out shields/round port lights on deck house
17. Built-in shower with hot/cold water on transom
 - SSI 48509000 Stowaway Shower Unit white (1)
18. Large teak inlay swim platform with stairway to aft deck
19. Folding S/S Swimming ladder in storage well.
20. S/S handrails on aft deck stairs
21. Rubber rub rail, S/S insert
22. LED courtesy step lights.
23. Zinc anodes on transom.
24. S/S hoops on swim platform
25. Anti fouling bottom paint (2 coats) Interlux Ultra w/BIOLUX.

AFT DECK

1. Teak Deck
2. Built in "U" shape seats w/custom teak high low table.
3. COMBO/ICE refrigerator.
4. Shoe locker/Storage
5. Custom Halogen back up lights
6. High quality stereo speakers
7. Twin back down controls
8. S/S handrails on aft deck stairs

FLY BRIDGE

1. Non-skid fly bridge deck.
2. Custom Instrument console.
3. Built in "U" shape seats w/ storage and high-low table.
4. Wet bar including refrigerator, icemaker
 - Refrigerator/Ice maker U-line Combo S/S sink
5. Integrated S/S handrails around bar unit.
6. Indirect lighting system under wet bar and seats.
7. Teak Stairway from aft deck to flybridge.
8. Benzoni Telescopic Davit, Pad & Wiring
9. S/S hatch on F/B deck step opening.
10. Oversize drains w/ strainers at each corner of fly bridge deck with internal overboard drains
11. Fiberglass radar arch, mast, and wing.
12. Air horns
 - Triple Buell Air Horns:
13. Flag staff on rear of fly bridge.
14. 2 Bar Stool
15. Helm seat
16. High Quality S/S Electric BBQ

PILOT HOUSE

1. Heavy Duty S/S wiper w/wiper washer system.
2. Variable speed control on each windshield wiper.
3. Complete Steering Station with instruments
4. Bow & Stern Thruster Controls
5. Anchor Controls
6. Custom Helm Chair

ENGINE PROPULSION & STEERING SYSTEM

1. Engine: CAT C-32A 1825HP
CW: 2ea. "ZF" ZF2500A Marine gear ratio 2.536:1, 4ea. #783-G-70 Engine mounts, 4ea. #784-G-70 engines Mounts.
2. Engine Fuel Filters
 - 4ea. RACOR 75/10000MAPX2 w/Alarm
3. Generator Fuel Filters
 - 4ea. RACOR 75/500MAPX2 w/Alarm
4. S/S shafts AQUATECH 22 High Strength 3-1/2" diameters.
5. High performance 5-blade propellers.
6. Main and intermediate bronze struts w/ backing plates.
7. All shaft and rudder packing glands w/ maintenance free Tide Strong seals.
 - Tides rudder seal & shaft seal 3-1/2"
8. Electronic engine controls system
 - 2 Electronic engine control systems/Pilot house/Fly Bridge plus plug in remote
9. Electronic power steering system with PTO on both engines.
 - PSC-2252-21-2
10. TRAC 300/9' Hydraulic Stabilizers
11. Hydraulic power take off on both engines.
12. Custom S/S steering wheels both stations.
13. S/S emergency tiller.
14. S/S rudders.
15. Heavy Duty S/S wipers with variable speed controls & screen washer system
 - Exalto 24V 3ea
16. Hydraulic American Bow and Stern thrusters.
 - ABT Trac 16"- 50HP bow thruster and stern thruster
17. Underwater Exhaust
18. Hydraulic power steering

ENGINE ROOM AND EQUIPMENT

1. Well-planned spacious engine room w/ removable diamond aluminum deck plates
2. Van Carpellan Design Double sound and heat insulated material with foam & lead combination.
3. Water tight bulkhead up to entrance door.
4. Full length S/S overhead grab rail on each side of engine.
5. Engine room AC florescent light x 4 and DC dome lights.
6. Engine Compartment Blowers (Moisture Eliminator)
 - Delta-"T" Blowers w/adjustable speed drive; 2ea. 500-219183-45/8 Fan, Axial.19" ID Aluminum housing, 1.5HP 2ea. 500-215363-30/8 Fan, Axial 15" ID Aluminum housing 1.5HP
7. FM200 Fire Suppression system in Engine room and fire detecting system throughout vessel.

8. Engine alarm system for low oil pressure and high water temperature.
9. High-volume AC Headhunter fresh water pressure pump and one DC or A/C pump for back up
 - Headhunter M5-115 Mach 5 pressure system-115V AC- 1ea.
10. Fresh-water access for filling engine and generator expansion tank.
11. Chilled water air conditioning units located in engine room.
 - Cruisair Chilled water Air Conditioning
12. Aluminum fuel tanks w/sight & electric Head hunter gauges.(DayTanks)
 - Fiberglass forward and aft tanks. 3500 total Gallons Fuel
13. Oil change pump system for Engines & Generator
 - Reverso OP-704 24V
14. Heavy-duty engine room door w/window.
15. Water maker
16. Manual Bilge Pump
 - Henderson BP0510 Universal mount pump
17. Fuel Transfer Pumps
18. Work Shelf / S/S sink in Engine room
19. S/S Overhead centerline rail through engine room & crew.

ELECTRIC SYSTEM

1. 110 and 220 volt electrical supply from generator or shore power.
2. Shore Power Inlet.
 - Transom: (2) Glendenning cable masters Port and Starboard Aft CM-8 100AMP 24V w/100 cable
3. Color-coded wiring for easy identification.
4. Generators-Two
 - Kohler 40kw Marine Diesel generators, 1 phase, (60 Hz); 120/240V, including standard equipment (control panel): sound shield, wet exhaust muffler, gas water separator.
5. Automatic battery charger
 - Dolphin 100 AMP 24V 115-230V 50/60HZ-2ea.
 - Dolphin 100 AMP 24V 115-230V 50/60HZ-1ea.
6. Guest battery switch (vapor proof).
 - Guest 2304A select switch-3ea.
7. 225 AMP/HR Gel Cell sealed Batteries for service
 - M.K. Gel Battery 8G8D 225 AMP-4ea.
8. 225 AMP/HR Gel Cell sealed Batteries for Engines & 2 X 225 AMP/HR Battery for Gensets
 - M.K. Gel Battery 8G8D 225 AMP-6ea.
9. All batteries enclosed with fiberglass boxes and covers.
10. Main electric panel includes AC and DC circuit breakers.
11. 24 volt DC monitoring and main circuit breakers.
12. AC volt duplex receptacles located throughout including engine room.

13. GFI protection for AC required outlets.
 - Vimar 16511.16B 120V ~60HZ/230~50HZ
14. Two Automatic Isolation & Boosting Transformer
 - Senjin 100 AMP-2ea.
15. Indirect lighting under valance in saloon, staterooms, pilothouse, hand rails, and galley.
16. Complete Electrolysis bonding system via 2" copper strap.

PLUMBING SYSTEM

1. 150 Gallon holding tank fwd & separate 50 gallon tank for crew quarters.
2. Holding tank level indicator.
 - Headhunter Tank sentry WTS-1500B Gauge-2ea
3. "Y" valve for holding tank dockside pump out.
 - PAR 45490-000
4. Sump pumps for each shower.
 - Rule 16A 24V/3700GPH-3ea.
5. Marine grade lines for fresh water system.
6. Water heaters 40 gallon S/S water heaters -2ea
 - Torrid MV40S 120V 1500 W S/S 40 Gallons
7. 600 Gal S/S water tanks.
8. Electric bilge pumps.
 - Rule 16A 24V/3700GPH-7ea.
9. AC Fire pump with on-deck fire hose.
 - Single Phase 2HP
10. High water bilge alarms.
11. Dockside fresh water inlet. • Par Jabsco 44410-1001-1ea.
12. Color coded piping system for easy identification.
13. Bronze intake valves (ball) All through hull fittings are bronze.
14. Manifold overboard discharges to minimize the number of through hull fittings, in bronze with ball valves.
15. Bilge exhaust ventilation

INTERIOR EQUIPMENT

1. Interlocking vinyl ceiling panels throughout.
2. High-quality entrance door locks and cabinet door locks.
3. Italian halogen ceiling lighting. • Cantalupi
4. Indirect lighting system under sofas, beds, curtain valances.
5. All stairways with safety LED light system.
6. King size bed in master stateroom.
7. Hanging Cedar locker cabinets in all staterooms.
8. Choice of Interior wood in Satin or High-Gloss finish.
9. Built-in Vacuum Cleaning System - Nutone CV-357 Central Vacuum SYS. 110 W/3 outlet

10. All switches upgrade on dimmers
11. Salon & Master Cabin (on deck master power curtains w/remote control)
12. Décor \$30,000 for Fabrics.

SALOON

1. High quality custom built upholstered sofa & loveseat.
2. Interlocking vinyl ceiling panels throughout
3. S/S high polish air door
4. Cantalupi halogen lighting on dimmers
5. Indirect lighting system
6. All stairways with LED safety light system
7. Choice of interior-Wood IN Satin or High Gloss Finish
8. Custom design 42" Plasma TV and stereo cabinets/with surround sound.
9. Custom design China cabinets
10. Custom design ceiling soffitt
11. Choice of Burl inlays
12. Custom design dining room table w/ 6 chairs
13. Salon wet bar with refrigerator / ice maker & wine cooler
14. S/S sink

MASTER CABIN

1. King size bed
2. Custom storage cabinets
3. Vanity port side
4. Custom design Plasma or LCD TV on wall or lift
5. Custom design headboard and ceiling
6. Lights on dimmer
7. Cedar lined hanging closets
8. Stereo AM/FM CD/DVD player
9. Personal Safe
10. Custom design to your décor specs

MASTER HEAD

1. Custom design for your needs
2. Headhunter Royal flush system, fresh water flush
3. Custom shower
4. Grohe faucets
5. Granite counter tops
6. Marble floor with honeycomb backing

7. Seamless glass tempered shower doors
8. Matching Soap dish, toilet paper holder, towel bar
9. Custom Mirrors

VIP

1. King size bed
2. Custom cabinets
3. Lights on dimmer
4. Plasma or LCD TV
5. Stereo AM/FM CD/DVD player
6. Custom ceiling design
7. Cedar lined closet
8. Side sofa
9. Side vanity
10. Custom design headboard
11. Beverage Refrigerator
12. VIP safe

VIP HEAD

1. Headhunter Royal flush system, fresh water flush
2. Granite Counter tops
3. Marble floor with honeycomb backing
4. Shower with bench seat
5. Mirror ceiling
6. Grohe faucets
7. Custom Mirrors

PORT SIDE CABIN

1. Side by Side Twin Beds
2. LCD TV
3. Stereo AM/FM CD/DVD Player
4. Night stand
5. Custom design headboard
6. Cedar lined closets

PORT SIDE HEAD

1. Headhunter Royal flush system, fresh water flush
2. Granite Counter tops
3. Grohe faucets
4. Mirrored ceiling
5. Custom shower
6. Custom Mirrors

STARBOARD SIDE CABIN

1. Center line double bed, or twins
2. Custom design headboard
3. Cedar lined closet
4. LCD or Plasma TV
5. Stereo AM/FM CD/DVD Player
6. Night stand

STARBOARD SIDE HEAD

1. Headhunter Royal flush system, fresh water flush
2. Granite Counter top
3. Grohe faucets
4. Mirrored ceilings
5. Custom shower

DAY HEAD

1. Headhunter Royal flush system, fresh water flush
2. Granite Counter tops
3. Marble floor with honeycomb backing

GALLEY

1. Storage cabinets in accordance to arrangement plan.
2. S/S sink w/Tap
 - SH8737-01700-152 S/S Frankie Sink
3. Family size S/S side by side refrigerator.
 - G.E. Profile PSC23SHMBS 110/60HZ S/S-1ea.
4. Full size S/S Electric Cook top oven with exhaust blower above.
 - G.E. Profile JP 350SCSS S/S Cook top 220V/60HZ-1ea.
5. Full size S/S Microwave/Convection Oven & Exhaust Fan
 - G.E. JVM 1860SD S/S 110V/60HZ Microwave-1ea.
6. S/S Dishwasher
 - G.E. GSD5560 GSS S/S 110V/60HZ-1ea.
7. S/S Trash Compactor S/S
 - G.E. GCG 1540 FSS S/S 120V/60HZ-1ea.
8. Galley granite countertop.
9. Galley floor teak/marble
10. S/S Oven Under Cook Top - G.E. JTP 18SDSS S/S

NAVIGATION & INSTRUMENTATION

1. Custom Integrated instrument panel on helm stations.
2. Monitoring system for important safety equipment (bilge pumps, blowers, nav. Lights) etc.
3. Danforth magnetic compass on both stations.
 - Danforth 5" C561HA-2ea.
4. International navigation lights.
 - Aqua-Signal One Set (5ea.)
 - 3532-003 #55 Master head light 24V
 - 3535-103 #55 Starboard Light 24V
 - 3534-203 #55 Port Light 24V
 - 3533-703 #55 Stern Light 24V
 - 3531-703 #55 ALRD PED 24V
5. Search Light with Dual Control
 - Par Jabsco 60010-2024 255SL 24V w/18753-0335 Dual Station Control Kit 24V 2ea.
6. Speed/Depth meter on both stations.
 - Auto helm ST-60 Tridata Dual Station
 - A22013 ST60 Tridata System + A22017 ST60 Tridata Repeater
7. Rudder indicator at both stations.
 - VDO 382-223 24V
8. Engine console with all gauges.
9. VHF Radios with hailer at Both Stations
 - ICOM M-127 12V w/16" antenna & hailer Newmar PA30/20-2ea
10. CCTV Monitoring System- Four C/CTV Cameras
11. Auto Pilot Simrad A.P.- 25

CREW QUARTERS

1. Crew quarters teak floors
2. U-Line combo refrigerator/ice maker
3. Sink; High polish S/S
4. Microwave: G.E. JE 1590BC 110V
5. Cook top
6. Washer/dryer
7. 15" LCD TV (Both Cabins)
8. Monitoring system, high water, fire alarms
9. Crew safe