

## JOHNSON 87 MOTORYACHT – STANDARD EQUIPMENT & FEATURES

LOA.....	87'	26.52m
BEAM.....	23'6"	7.16m
LWL.....	72'1"	21.96m
DRAFT.....	6'5"	1.98m
AIR DRAFT.....	21'3"	6.47m
DRY EMPTY.....	80 tonne	
ENGINES.....	Twin C-32 1652HP Caterpillars	
FUEL CAPACITY....	13,230l	3500G
WATER CAPACITY..	2041L	540G
HOLDING TANK.....	576L	150G
DESIGNER.....	Bill Dixon	
ACCOMODATION....	3 double, 1 twin, 4 ensuites plus 2 crews (option of 5 ensuites + 2 crews)	

### HULL & DECK – EXTERIOR GENERAL

1. Teak main deck
2. High bulwark, flush mounted deck lights & bulwark side doors for boarding
3. Stainless steel integral rollers & chain stopper for anchor chain
4. Vertical electric anchor winches
  - Maxwell VWC4000C/HY (Dual)  
Vertical hydraulic windlass, dual direction, chromed, clockwise rotation, with chainwell C3182/016 (1/2"HT) and parts:  
2EA foot switch w/cover, 2EA 24VDC remote control panel,  
1EA hand held roving control
5. AFT Deck Mooring Capstan
  - Maxwell vertical electrical capstan  
VC2200W/D, wide drum single direction, 24VDC, chromed, and parts:  
1EA foot switch w/cover, 1EA 80 amp breaker panel,  
1EA P19046 reversing solenoid packs, 24DVC
6. Stainless steel 130 LB Anchor
7. 250 Feet (1/2") high tensile galvanised anchor chain\*2 set
8. Fresh water anchor chain wash down
9. Heavy duty stainless steel 2" handrail with 1 x 1/4" stanchions
10. Stainless steel flagpole – bow and flybridge
11. Forward deck storage locker for fenders and lines
12. Heavy duty 316# stainless steel cleats and fairleads with rollers
13. Tempered safety glass - Colour: **BLACK**
14. Stainless steel pneumatic saloon sliding door
15. Side doors in deck house
16. Stainless steel port lights
17. Hot & cold water shower – swim platform - SSI 48509000 stowaway shower unit white
18. Large teak inlay swim platform with curved stairway to main aft deck
19. Folding swim ladder in storage well
20. Stainless steel handrails on aft deck stairs
21. Aft deck seating
22. Aft deck high –low dining table – teak

23. Solid stainless steel rub rail around hull/deck joint
24. Rub rail with stainless steel cap on lower aft hull sides
25. Antifouling bottom paint
  - International interprotect colour – **BLACK**
26. Zinc anodes on transom
27. Gangway
  - Besenzoni 383.400 24V \*1 set

## FLYBRIDGE

1. Non skid FRP
2. Instrument console
3. "U" shaped seating with GRP Hi-Lo table
4. Wet bar
  - Refrigerator/ice maker U-line Combo 29FFW 110V
  - Barbeque/stove: GE JP389WV white 220/60HZ
5. Intergrated stainless steel handrails around bar unit
6. Indirect lighting system under wet bar and seating
7. Teak stairway from aft deck to flybridge
8. Davit
  - Besenzoni G311G/24V \*1 set
9. F/B inspection cover Bomar BOM844 W10"
10. Deep freezer
  - Grunert AC4100Z-404A 1 HP, 230VAC/60HZ
11. Stainless steel sliding hatch on F/B deck step opening
12. Oversize drains and strainers at each corner of flybridge deck with internal overboard drainage
13. GRP radar arch/hardtop
14. Air horn
  - Buell air horn comprising:
    - 1EA 5444-3 24V tank MNTD compressor
    - 1EA 1062 12" Strombos air horn
    - 1EA 1063 15" Strombos air horn
    - 1EA 1064 18" Strombos air horn
15. Dinghy and/or jet ski space
16. Flag staff on rear of flybridge
17. **Optional** – fully enclosed sky-lounge (P.O.A)

## ENGINE PROPULSION & STEERING SYSTEM

1. Engines
  - "Caterpillar" C-32/1650 MHP \*2 unit  
Model C-32 turbocharged aftercooled cooling diesel engine for heat exchanger  
Cooling develop 1650MHP pleasure craft "E" rating at 2300rpm  
C/W:
    - 2pcs "ZF" ZF2060A Marine gear ratio 2.467:1
    - 4 EAC #783 -G-70 Engine mounts
    - 4 EAC #784 -G-70 Engine mounts
2. Engine fuel filter
  - Racor 75/1000Max2 W/alarm \*2 EAC

3. Generator fuel filter - Racor 75/500Max2 W/alarm \*2 EAC
4. Stainless steel shafts - Aquatech 22HS  $\psi$ 3-1/2" 82EAC
5. High performance 5-blade propellers - Hung Sen Nibrals props \*2EAC
6. Main & intermediate bronze shaft struts with backing plates
7. Shaft & rudder packing glands with maintenance free tide strong seals
  - Tides rudder seal & shaft seal 3-1/2"
8. Morse electronic engine control system
9. Hynautic power steering system with PTO on both engines
  - PSC-2252-21-2
10. Steering wheels at both stations - Stainless steel 22"dia
11. Stainless steel emergency tiller
12. Stainless steel rudders
13. Heavy duty stainless steel wipers with variable speed controls & screen washer system
14. Hydraulic American bow/stern thruster, stabiliser
  - "TRAC" dual propeller bow & stern thrusters 12"-38HP with supporting hydraulic system and stabiliser system 250/6.0' including standard equipment and attachments

#### **ENGINE ROOM & EQUIPMENT**

1. Well planned, spacious engine room with diamond aluminium deck plates
2. Van Cppellen design sound insulated materials
3. Water tight bulkhead up to entrance door
4. Full length stainless steel overhead grab rail on each side of engine
5. E/R AC fluorescent light & DC dome lights
6. Engine compartment blower & moisture eliminator
  - Delta "T" blowers with P/T4 control system & adjustable speed drive  
500-219183-45/8 fan, Axial. 19 IN.ID aluminium housing, 1.5HP \* 2 set  
500-215363-30/8 fan, Axial. 15 IN.ID aluminium housing, 1.5HP \* 2 set
7. CO2 Automatic fire extinguishing system - Sea-fire FM-200 24V
8. Fire detecting system throughout the boat
9. Engine alarm system for low oil pressure & high water temperature
10. High volume AC fresh water pressure pump & one DC pump for back up
  - GROCO PSR-A 4000004-24 24V \*1EAC
  - Headhunter M5-115 Mach 5 pressure system-115V AC \*1EAC
11. Pressure storage tanks
  - GROCO PST-1 1Gal \*1 EAC
  - GROCO PST-4 4Gal \*1 EAC
12. Fresh water hose in engine room
13. Chilled water air conditioning units located in engine room
  - Cruisair chiller water air conditioning 230V/60HZ with digital control  
CBBL6C 6000BTU/HR \* 3 EAC  
CBBL9C 9000BTU/HR \* 4 EAC  
CBBL12C 12000 BTU/HR \* 4 EAC  
CBBL18C 18000 BTU/HR \* 4 EAC
14. Aluminium fuel tanks with electric gauges - 3000 gal fuel tanks

**15. Water maker**

- Searecovery 1400-2-GPD \* set  
SRC AWC1400-2 water maker, Aqua whisper compact 220V/60HZ/1PH, 1400 GPD (2x30" ROM) complete set, with parts:
  - Commercial size prefilter and oil/water separator
  - 1 EAC B521080001 carbon filter assembly Y-AS
  - 1 EAC B611800002 SRC R/AW remote unit includes 3 switches
  - 1 EAC B59800002 Fresh water flush sys-AW

**16. Oil change pump system for engines, generators and clutches**

- Reverso OP-704 24V \*1 EAC

**17. Heavy duty engine room door**

**18. Manual bilge pump**

- Henderson BP0510 Universal mount pump \* 1 EAC

**19. Fuel transfer pump - GROCO PSRO 3/4" 24V \*2 EAC**

**ELECTRICAL SYSTEM**

**1. 220 volt electrical supply**

**2. Shore power inlet**

- Transom: (1) Glendenning cablemasters CM-8 100 amp 24V W/100' cable \* 1 set  
(2) Hubbell 63CM74 50amp \* 1 set
- Mid Ship (1) Hubbell M4100BR12R 100amp \* 1 set  
(2) Hubbell 63CM74 50amp \*1 set

**3. Colour coded wiring for easy identification**

**4. Generator**

- Northern lights 33KW \*2 set  
M984K Marine diesel generator set 33KW, HE cooling, 1 phase, 60HZ, 120/240 volt, including standard S-3C control panel plus:
  - Sound shield
  - Wet exhaust muffler
  - Gas water separator
  - S-1B panel
- Northern Lights 26KW \* 2 set  
M984K Marine diesel generator set 26KW, HE cooling, 1 phase, 50HZ, 100/240 volt, including standard S-3C control panel plus:
  - Sound shield
  - Wet exhaust muffler
  - Gas water separator
  - S-1B panel

**5. Automatic battery charger**

- Dolphin 80amp 24V 115-230V 50/60HZ \* 1 EAC
- Dolphin 30amp 24V 115-230V 50/60HZ \* 1 EAC
- Protech 1230 12V 30amp \*1 EAC

6. Power supply - Dolphin PW24100 24V 100amp 115/230V 60/50HZ \* 2EAC
7. Automatic isolation & boosting transformer
  - Senjin SPBR-243B4C4 24KVA 100amp \*2 EAC
8. Guest battery switch (vapour proof)
  - Guest 2304A select switch \* 3EAC
9. 4 x 225amp/hr gel cell sealed batteries for service
  - MK gel battery 8G8D 225amp \* 4 EAC
10. 4 x 225amp/hr gel cell sealed batteries for engines & 2 x 225amp/hr battery for gensets
  - MK gel battery 8G8D 225amp \*6 EAC
11. All batteries enclosed in boxes and cover
12. Main electric panel included AC & DC circuit breakers
13. 24 volt DC monitoring and main circuit breaker panel
14. AC volt duplex receptacles located throughout, including engine room
15. GFI protection for AC required outlets
  - Vimar 16511.16B 120v 60HZ/230/50HZ
16. Inverter
  - Heart interphase freedom 25 24V w/link 2000 control panel \* 1 set
17. Electrolysis bonding system via 2"
18. CCTV

## PLUMBING SYSTEM

1. 150 gallon holding tank with macerator pump fwd & 50 gallon tank with macerator aft
2. "Y" valve for holding tank dock pump out
  - PAR 45490-000 \* 2 EAC
3. Tidal wave aerobic biological sewage treatment systems
  - Headhunter TW-50B/115P \* 1 set
4. Holding tank level indicator
  - Headhunter tank sentry WTS-1500B gauge \* 2 set
5. Sump pump
  - Rule 16A 24V/3700GPH \* 3 set
6. Marine grade lines for fresh water system
7. Water heaters for guests and one for crew
  - Torrid MV30S 120V 1500W stainless steel 30 gallons \* 2 EAC
8. 400 Gal stainless steel water tanks
9. Electric bilge pumps
  - Rule 16A 24V/3700GPH \* 7 EAC
10. AC fire pump with on deck fire hose
  - Single phase 2HP 1.5KW 110V/220V 60HZ \* 1EAC
11. High water bilge alarm
12. Dockside fresh water inlet
  - PAR JABSCO 44410-1001 \* 1 EAC
13. Colour coded piping system for easy identification
14. Bilge exhaust ventilation
15. Bronze intake valves (Ball) – all through hull fittings are bronze
16. Manifold overboard discharges to minimise number of through hull fittings

## INTERIOR EQUIPMENT

1. High quality leather sofas
2. Interlocking vinyl ceiling panels throughout
3. High quality door lock furniture throughout
4. Choice of carpet throughout the boat
5. Italian halogen ceiling lights throughout - Cantalupi
6. Italian switch & outlet throughout - Vimar
7. Choice of fabrics for bedding & curtains
8. Indirect lighting system throughout, under sofas, beds, & curtain valances
9. All stairways have safety light system
10. King size bed in master stateroom
11. TV cabinet in each cabin
12. Hanging locker cabinet in each cabin
13. CD/radio on flybridge
14. Stereos & TV's in each cabin
  - Saloon: (1) Plasma TV Sampo PM-42PS6  
(2) Amplifier Denon AVC-1550  
(3) DVD Toshiba SD-K610
  - Master cabin (1) Plasma TV Sampo PM-42PS6  
(2) Amplifier Denon AVC-1550  
(3) DVD Toshiba SD-K610
  - FWD VIP (1) DVD Toshiba SD-K610  
(2) Amplifier Pioneer VSX-C100  
(3) Flat TV Panasonic
  - STBD/Port midship cabin: Aud10V0X LCDTV/DVD/AM/FM/MP3
  - Crew cabin: Car CD player Sony CDX-L450V \* 3 set
15. Safe in master bedroom
16. Ice maker in saloon
  - U-Line WH95TP 110V white \* 1 EAC
17. Built in vacuum cleaning system
  - Nutone CV-357 central vacuum system 110V W/3 outlet \* 1 set
18. Saloon & master cabin power curtain w/remote control

## GALLEY

1. Stainless steel sink W/tap
  - Sink: Blanco SH8661-07200-148 stainless steel sink \* 1 EAC
  - Tap: GROHE G-33933
2. Family size refrigerator
  - GE PSC23 SHRSS 220/50HZ stainless steel \* 1 EAC
3. Full size electric cooktop
  - GE JP350SCSS cooktop 220V/50HZ stainless steel \* 1 EAC
4. Full size microwave/convection oven & exhaust fan
  - GE JVM1490SH 220V/50HZ Microwave \* 1 EAC
5. Dishwasher - GE GSD5560GSS stainless steel 220v/50HZ \* 1 EAC

6. Trash compactor - GE GCG1540FSS stainless steel 220V/50HZ \*1 EAC
7. Galley benchtops – marble
8. Oven under cooktop
  - GE JT915SFSS 220V/50HZ 30" stainless steel \* 1 EAC
9. Crew gallery
  - Washer Asko W-6221 220V white \* 1 EAC
  - Dryer Asko T-701 220V white \* 1 EAC
  - Cooktop Kenyon B40509 240 BLK \* 1 EAC
  - Dishwasher Fisher & Paykel DS603BK BLK \* 1 EAC
  - Microwave GE JE1590BH 220V/50HZ BLK \* 1 EAC
  - Icemaker/refrigerator U-line combo29FFW white \*1 EAC
  - Sink w/tap: Blanco SH8651-04400-148 Stainless w/tap G-33933 \* 1 EAC

## HEADS

1. Marble counter top and splash back in all heads
2. Seamless polyurethane finish in all heads
3. Towel rail & rings, toothbrush holder etc in all heads
4. Fresh water vacuum toilets in all heads
  - Seal and vacuum toilets \* 7 set
5. Exhaust fans in each head
6. marble flooring

## NAVIGATION & INSTRUMENTATION

1. Integrated instrument panel at both helm stations
2. Monitoring system for important safety equipment (bilge pumps, blowers, navigation lights)
3. Compass – both stations
  - Danforth 5" C561HA
4. International navigation lights
  - Aqua-signal one set (5 EAC)
    - 3532-003 #55 Masthead light 24V
    - 3535-103 #55 Starboard light 24V
    - 3534-203 #55 Portlight 24V
    - 3533-703 #55 Stern light 24V
    - 3531-703 #55 ALRD PED 24V
5. P/H Helmseat
  - Besenzoni P217 black 24V \* 2 EAC
6. Search light with dual control
  - PAR JABSCO 60010-2024 255SL 24V W/18753-0335 dual station control kit 24V \* 2 set
7. Depth/speed log at both stations
  - Autohelm ST-60 Tridata dual station
    - A22013 ST60 Tridata system + A22017 ST60 Tridata repeater
8. Rudder indicator at both stations
  - VDO 382-233 24V

**9. Engine console with all gauges**

**10. 64 Mile radar**

- Furuno (Navnet)  
P/H: Colour LCD radar/video plotter 1943C  
GD-1700C  
GP-310B  
GPS receiving antenna
- F/B: Colour LCD radar/video plotter GD-1900C  
GD-1700C  
GPS receiving antenna plus network sounder ETR-6/10N

**11. Robertson AP20 Autopilot**

- Simrad dual station comprising:  
AP25 Autopilot control unit  
RFC35 Fluxgate compass  
RF300 Rudder feedback unit  
AC20 Junction unit  
RPU80 Hydraulic pump  
201.92266 Robnet cable w/female & male connector, 10m

**12. VHF radios at both stations**

- Icom M-602 12V w/8' antenna white \* 2 set