



## HORIZON V68 & V74 MOTOR YACHT

### Standard Specifications (AUD) (ANNEX A)

Date: 2010/2/26

#### Principal dimensions (approximate):

	V68	V74
L.O.A.	71' – 8" (21.8 M)	76' – 9" (23.4 M)
Draft (to bottom of prop)	5' – 6" (1.68 M)	5' – 11" (1.80 M)
Freeboard amidships (half load)	5' -2" (1.57 M)	5' – 3" (1.60 M)
Height (W.L. to top of Nav. light)	28' -3.75" (8.604 M)	28' -11"(8.81M)
Displacement Approx	121,660 lbs. (55 tons)	138,891 lbs. (63 tons)
Fuel Tank	1,400 US gal. (5,299 litres.)	2,100 US gal. (7,949 litres.)
Breadth Overall	20'-6" (6.25M)	
Waterline Breadth ,half load	17'-3" (5.25M)	
Fresh Water Tank	360 US gallons (1,363 litres.)	
Black Water Tank	135 US gallons (511 litres.)	
Grey Water Tank	150 US gallons (568 litres.)	
Twin Caterpillar C-18 ACERT 1001BHP engines c/w ZF550A gearbox		
Onan MDKBT 27.5KW/60HZ generator + Onan MDKBP 17KW/60HZ generator		

#### Main structure

1. Grey or White hull Gelcoat finish
2. Hulls are built using state-of-art SCRIMP™ for strength and weight reduction
3. Fiberglass sandwich hull bottom
4. High-density foam cored construction above water line
5. Stringers with high density foam coring
6. Deck & superstructure cored for strength
7. Interior structural components all properly bonded to hull
8. Strong collision bulkhead structure for extra safety
9. INTERNATIONAL anti-fouling bottom paint, w/anti-osmosis treatment



## **Hull & deck exterior general**

1. Nonskid main deck (Option: teak deck)
2. High bulwark w/ flush mounted deck lights
3. Fiberglass cap rail (Option: teak cap rail)
4. All frameless windows with tinted 10mm safety glass
5. Heavy-duty S/S #316 2" handrail w/1-1/4" stanchions
6. Heavy-duty S/S #316 stainless steel cleats
7. Freshwater anchor chain wash down
8. Stainless steel portholes w/screens
9. Rub rail around hull deck joint
10. SUNBRELLA exterior cushions covers (standard shipyard colour choices)
11. Exterior LED step lights (white)
12. 2 FRP side deck boarding doors
13. Flush fit seamless cover for fuel/water inlets in recessed boxes
14. Teak deck on aft deck & swim platform & stair steps
15. LED white light with 24vdc transformer on Horizon group logo in P&S.

### **Fwd deck**

1. Stainless steel flag pole on bow rail
2. Forward deck seat
3. Sunbathing cushion on fwd deck w/round hatch
4. Stainless steel roller and chain stopper for anchor chain
5. Vertical Hydraulic anchor winch "MAXWELL VWC3500C"
6. Stainless steel 130 lb CQR type anchor
7. High tensile 300 feet 3/8" anchor chain

### **Aft deck**

1. Comfortable stairs from aft. deck to F/B
2. Aft deck seats w/drink holders P&S
3. Dining table w/ manual high-low table stand & sliding teak table top in Aft. deck
4. Dimmer switch for Aft. deck overhead lights
5. Teak flag pole on Aft. deck
6. Internal boat hook holder on Aft. deck
7. Stainless steel handrails for Aft. deck stairs
8. Two S/S posts on aft deck for FB support & drainage
9. 2 pcs of teak lounge chair on aft deck
10. 2 pcs of stern docking light
11. 3<sup>rd</sup> control station at Aft. Port side with wired remote control.



12. Aft deck FRP cabinets P&S for cleat & winch & rope storage
13. Safety hatch to crew quarters
14. S/S gates between aft deck and stairs to swim platform
15. Two shore power inlets

#### **Transom & swim platform**

1. Lighting for boat name on transom under teak flag pole
2. Two zinc anodes on transom
3. Stairs from swim platform to Aft. deck w/ SS handrails
4. Water tight door from swim platform to aft crew area
5. Two cleats at corner of swim platform P&S
6. Built-in shower with hot/cold water
7. S/S manual swimming ladder under swim platform
8. 2" stainless steel rails around swim platform (removable) at stern

#### **Flybridge**

1. Nonskid flybridge deck (Option: teak deck)
2. Flybridge windshield with solid stainless frame
3. All new design Instrument console
4. RITCHIE magnetic compass
5. Comfortable seat beside F/B helm station with SUNBRELLA cushions
6. "L" shaped seat with SUNBRELLA cushions
7. White Corian high-low table
8. Storage space under L shaped seat
9. Stairway from Aft. deck to flybridge with teak steps and S/S gate
10. Stairs to galley area with hinged S/S cover ( available for open Bridge layout only)
11. Fiberglass twin masts with all new design hardtop & S/S supports
12. Skylight in centre of F/B for salon with night light fixture
13. Chrome plated BUELE air horns on top of hardtop
14. Two Elbex black and white monitor cameras
15. One white STIDD helm chair #500-200-1X2
16. One CD car stereo with two speakers on flybridge
17. Search light at front of hardtop
18. Wet bar package:
  - Round sink w/faucet
  - U-LINE refrigerator (model: 29R)
  - Siemens Elec. barbecue unit w/blower
  - Automatic electric cut-off switches for safe use of barbecue grill



Integral stainless steel handrails around bar unit  
One AC outlet inside bar cabinet

19. Leisure package:

AVON Seasport Deluxe 400 13'-5" dinghy with YAMAHA 50HP engine w/chocks  
Hydraulic STEELHEAD 1500 LB davit length 10'-6" reach on portside  
3 pcs of teak loose folding chair at F/B  
Upper deck FRP cabinets for teak chairs storage  
Covered storage space, P&S inside F/B Aft. structure

### Engine room and equipment

1. Well-planned spacious engine room w/comfortable non-slip floor
2. Engine room clean design with white finish
3. Quiet sound insulation
4. Stainless steel grab rail beside of engine
5. Engine room AC fluorescent lights and DC dome lights
6. DELTA T moisture eliminators with cooling fans (four DC)
7. One Seafire manual fire extinguisher in engine room
8. Engine mounted on single piece white paint steel channels
9. Engine alarm system for low oil pressure and high water temperature
10. High-volume AC fresh water pressure pump and one DC pump for back up
11. Fresh-water hose in engine room
12. Aluminium fuel tanks
13. Heavy-duty sight gauges for fuel tank with self-closing control valve
14. Oil change pump system for engines & generators
15. Heavy-duty insulated engine room door
16. MARINE AIR Central air conditioning with backup sea water pump (ship loose)
17. NUTONE central vacuum cleaner system
18. One AC outlet
19. Air compressor

#### QUIETNESS PACKAGE:

SOUNDOWN noise control materials

### Propulsion/ steering system

1. Twin CATERPILLAR C-18 1000 hp Diesel engines w/reduction gearbox ZF550A
2. Dual RACOR 75/1000 MA fuel filters/water separator, each engine
3. RACOR 500 MA fuel filter on generators
4. Stainless steel 3" shafts AQUAMET 22 HS
5. High performance 4 blade propellers



6. Main and intermediate bronze struts w/backing plates
7. Shaft and rudder packing glands with maintenance free TIDES seals
8. MMC electronic engine control system at flybridge & lower pilothouse & third station on Aft. deck
9. Under water exhaust system for engines w/mufflers
10. HYNAUTIC power steering system
11. Custom steering wheels at both stations
12. Stainless steel emergency tiller
13. Stainless steel rudder w/zinc plates
14. Heavy-duty SPEICH Stainless steel wipers w/wiper washer system
15. Variable speed control on each windshield wiper
16. Hydraulic AMERICAN BOW THRUSTER 38 hp w/single speed control
17. Third wired remote control station (engine gear, thrusters) on Aft. deck

### **Electrical system**

1. 220 volt electrical supply from generator or shore power
2. Select switch for AC power supply
3. Colour-coded wiring for easy identification
4. ONAN generators 22.5KW & 13.5KW (50 hz) with sound shields
5. Fiberglass water/exhaust silent separator for generators
6. GUEST battery switch
7. Four TROJAN 8D AGM batteries for ship service power
8. Two TROJAN 31 AGM batteries for generator start up
9. Four TROJAN 8D AGM batteries for engine start up
10. Main electric panel includes AC & DC circuit breakers
11. 24 volt DC monitoring and main circuit breaker panel
12. AC volt duplex receptacles located throughout including engine room
13. VIMAR switches for lighting system
14. GFI protection for AC required outlets
15. Indirect lighting under valance in salon, staterooms, pilothouse and galley
16. Intercom system, in salon, pilothouse, master stateroom, VIP & port guest staterooms, crew area
17. TV antenna on top of radar arch
18. 24 volt to 12-volt converters
19. Exterior receptacle for shore phone and cable TV
20. Electrolysis bonding system
21. Dimmer switches for aft deck, salon, dinette & master cabin
22. Sub panel electrical distribution system
23. Mastervolt 50amp battery charger for engine start up batteries
24. Mastervolt 25amp battery charger for generator start up batteries
25. Mastervolt 75 amp Charger \* 1 set for service batteries
26. Mastervolt 2500W inverter \* 1 set
27. Power supply system for DC lighting



## **Plumbing system**

1. 135 gallon holding tank w/macerator pump
2. Holding/Fuel/water tanks level indicator
3. 150 gallon sump tank w/macerator pump
4. Two 20-gallon water heaters
5. 360 gallon Alum fresh water tank w/hot water circulation pump
6. RULE electric bilge pumps
7. High water bilge alarm
8. Colour-coded piping system for easy identification
9. Rule bilge air circulation ventilation blower
10. TRIDENT hose for engine exhaust
11. Back up air conditioning sea water cooling pump (ship loose)

## **Interior décor and equipment**

1. Semi-Gloss wood finish
2. Interlocking vinyl-ceiling panels throughout
3. Carpet for salon and cabin floors
4. Italian high-quality door locks
5. CANTALUPI halogen ceiling lighting
6. Indirect lighting system under sofas, beds, curtain valances
7. All stairways with safety light system
8. Hanging locker cabinets in all staterooms
9. No door bottom thresholds except heads & crew doors
10. Wood bed frames in all cabins
11. LED rope lights for interior step lights
12. SIEMENS washer/dryer in lower deck walkway
13. Corian countertops throughout

## **Pilothouse (Available for open bridge layout)**

1. Two-pilothouse sliding doors to side deck P&S
2. Teak/Holly floor
3. L shaped raised leather dinette settee with foldable wood table
4. Chart desk top with storage underneath
5. One DC 24V outlet
6. One AC 220V outlet
7. Front window defroster from air Cond. cool air
8. Windshield wipers & washers
9. One black leather STIDD helm chairs #500-200-1X2
10. Black leather custom handmade helm console
11. RITCHIE magnetic compass



12. P/H boat profile monitoring system

**Galley**

1. Storage cabinets in accordance with layout plan
2. Large storage lockers
3. Galley Corian counter top with sink & faucet
4. Teak/Holly floors
5. Siemens refrigerator
6. Siemens electric cook top with oven
7. Siemens microwave convection oven
8. Siemens dishwasher
9. BROAN trash compactor (model: 1055EX/ 220V)
10. Siemens under counter freezer or refrigerator at stbd storage cabinet
11. Manual garbage bin under sink

**Salon**

1. Stainless steel sliding door for main salon
2. Bar cabinet with U-Line BI-95 220V icemaker and sink w/faucet
3. Glass cabinet in bar area
4. " L " shaped loose sofa
5. Full height TV cabinet under stairs from aft deck to F/B
6. Extra large spacious stairs from salon to F/B
7. Dimmer switch for centre lights
8. Cabinet for entertainment system
9. Surround sound home theatre
10. DVD system with speakers
11. Luxury design single recline sofa

**Master stateroom**

1. Double entrance doors with wood engraved pattern on floor
2. Two sinks, spacious head & shower tub or shower space
3. One safe inside wall
4. Escape hatch to galley
5. Dimmer switch for centre ceiling lights
6. LCD TV in full high hanging locker (option for Elec. Ceiling drop down mechanism)
7. Surround sound receiver with speakers
8. DVD player
9. Innerspring mattress King size
10. All new design 4 port lights P&S
11. One cabinet next to STBD. Vanity table
12. One corner L shaped vanity table w/seat next to sofa



13. Full height hanging locker
14. Half height cabinet with 4 big drawers
15. Headboard with patterned side walls with reading lights

#### **VIP stateroom**

1. Headboard
2. Queen size double berth with two desk lamps
3. Fully equipped private head & shower
4. LCD TV
5. DVD receiver with 2 speakers
6. Innerspring mattress
7. Fixed window P&S at front deck/house area
8. One escape hatch to fwd deck
9. Full height hanging locker on portside
10. Vanity table w/seat on stbd side

#### **Port guest stateroom**

1. Headboard
2. Fully equipped head & shower
3. LCD TV
4. DVD receiver with speakers
5. Foam mattress
6. Two single berths with cabinet in middle & two reading lights
7. Hanging locker w/ drawers underneath
8. One round port light w/ screen

#### **Crew quarters**

1. Headboard with mirrored back walls
2. Foam mattress
3. Hanging locker
4. Double bunk & reading lights
5. Storage under berth
6. Mirror on wall
7. Spacious work bench with storage space
8. Two S/S port lights with screens
9. DVD receiver with speakers
10. LCD TV
11. MARINE AIR Central air conditioning unit
12. Intercom unit
13. Fully equipped head & shower



#### **Heads \* 4**

1. Corian counter tops and back splash in all heads
2. Teak/holly floors in all heads
3. Wood veneer finish in all head walls
4. Non-slip fiberglass floors in all shower rooms
5. Ventilation blower for each head
6. Inlaid sink with curved wood face
7. Cabinet above sink with mirror door
8. TECMA toilet system
9. Wood cabinets, bowl sink, storage
10. Grohe single level faucet for sinks & showers
11. GFI AC outlets
12. Master head with double sinks and one shower tub w/headrest OR shower room
13. Master head with one round port light w/ screen

#### **Soft goods package:**

Professional designer chosen fabrics for curtains & bedspreads

Macore cabinetry with satin finish

Luxury carpet

Salon sofa with luxury fabric

Leather settee in pilothouse

Custom designed handmade comforters

Custom designed handmade throw pillows

Custom designed handmade pillows

sets of deluxe sheets for each berth

#### **Amenity package:**

Towels (3pc/set)	x 8 sets
Bath rug	x 4 ea
Bath ensemble	x 4 sets
Hamper	x 4 ea
Bath hardware set	x 4 sets
Bathtub caddy & bath pillow for master head	x 1 set



## Navigation package

(Note this is standard Nav package – Refer to Annex B for upgrades)

1. Pilothouse : Raymarine E series Network display -E120 MULTI DISPLAY, 12.1" TFT LCD  
Raymarine ST6002 Autopilot system  
Raymarine VHF w/ speaker  
ST60 deep indicator  
ST60 speed indicator  
ST60 compass
2. Flybridge : Raymarine E series Network display -E120 MULTI DISPLAY, 12.1" TFT LCD  
Raymarine ST6002 Autopilot system  
Raymarine VHF w/ speaker  
ST60 deep indicator  
ST60 speed indicator  
ST60 compass
3. Radar Arch : 10KW 4" open array radar scanners  
Raymarine Ray star 125 GPS  
VHF antenna  
Loud hailer

(Note: 1. No lower helm at Pilothouse if choose Skylounge package. 2. The products may change according to supplier's market situation without notice)

## Entertainment package

1. Salon : 42" Plasma TV  
Bose 3.2.1 Home theatre system
2. Master Stateroom : 20" LCD TV  
DVD Player w/ two speakers
3. VIP Stateroom : 20" LCD TV  
DVD Player w/ two speakers
4. Guest Stateroom : 15" LCD TV  
DVD Player w/ two speakers



- 5. Crew Quarters : 15" LCD TV  
DVD Player w/ two speakers
- 6. Flybridge Car stereo (CD+AM/FM stereo)  
2 speakers
- 7. Aft deck 2 speakers for salon audio control
- 8. Fwd deck 2 speakers for F/B audio control

(Note: 1.The products may change according to supplier's market situation without notice)

### Commissioning package

Fender 12" x 34" black	x 8 each
Black fender line 1/2"x15'	x 8 each
Oil discharge placard	x 1 each
Waste discharge placard	x 1 each
Safety blaster emergency handheld air horn	x 1 each
Orion hp alert/ locate flare kit	x 1 each
3/4" x 50' black dock line	x 4 each
24" Life ring –white	x 1 each
Life ring mounting rack	x 1 each
Throw line 70' for life ring	x 1 each
Fire extinguisher 1A-10BC	x 4 each
Fire extinguisher 3A-40BC	x 2 each
Life vest adult	x 8 each
Life vest storage case	x 1 each
8" bell chrome	x 1 each
First aid kit	x 1 each

### Sunbrella canvas package

Flybridge seat covers  
Flybridge helm console cover  
Flybridge helm seat covers  
Aft deck seat cover  
Front windshield cover  
Sun pad forward cushion cover (standard shipyard selection)  
Fwd deck seat cover (standard shipyard selection)  
All covers standard shipyard selection only

### Sky lounge package (Optional)

Full enclosed F/B with door & large window to aft area of F/B  
Full enclosed F/B with glass and large size sliding side window P&S for easy docking



Day head with sink/faucet, TECMA toilet and opening window for ventilation  
Stairs to salon  
MARINE AIR, air conditioning unit  
26" LCD Hi /Lo TV with DVD car stereo & 2 speakers  
Full wood interior finish in semi-gloss varnish  
Spacious raised L shaped fabric sofa with storage underneath and opening window to outside access.  
Wood dining table  
Chart table on portside next to helm console with one chair  
Teak/holly floor  
Helm console with custom handmade black leather covering  
Country kitchen in P/H & no lower helm  
Two waterproof speakers under hardtop  
One STIDD black leather helm chair

**\*\* All specifications subject to change without notice\*\***

The end

Not included in the soft good and Designer Package are pieces of free standing furniture and lamps, special designer specified lighting, art work, cooking utensils, cutlery and flatware and the design fees attendant to personalizing the Owners interior arrangement plan and design.

#### Qualifications and Notice to Reader

Performance statistics, weight, draft, freeboard and height are estimated only and are not warranted, and actual figures will vary depending on tolerances achieved during the vessel's construction process and the equipment, supplies and stores on board, as well as operational and sea conditions. Horizon reserves the right to substitute equipment and materials stated herein to others which it believes to be of equal or superior quality and to make such design and dimensional changes as it believes are necessary to improve the vessel's performance and function.