



50' x 18' ATV

Technical Specifications

Description

- High-Speed Catamaran w/ Cuddy according to ABYC & TC SVCP – TP 1332
- Full width cabin w/ state room (port), galley, cuddy & head (stbd)
- Hull Length: 50'
- Beam: 18'6"

Construction

- 5086 3/16" Aluminum Alloy Hull side sheets & decking
- 5086 ¼" Aluminum Alloy bottom sheets
- 5052 3/16" Aluminum Alloy Interior Bulkheads on 30" Centers
- 5086 Aluminum Alloy Self Bailing Decks
- 5086 ½" transom for inboard diesel engines
- Longitudinal T Bar stringers and hull stiffeners
- Fwd keel doublers for beach landing
- Engineered reinforced tie points at bow for bridle system to tow this vessel

Deck Accessories

- Handrails around bow deck & aft deck
- Extended aft rooftop overhang 32"
- (2) Downrigger pads wired for Scotty equipment
- Forward folding radar & antenna mast to clear for helicopter pad
- (10) Pads for Burnewiin mounts:

- Roof access ladder port side
- Walking gunwales w/ JR Marine decking & grab rails below cabin rooftop
- Gunwale steps port & stbd
- Aft deck gunwale flip-down jump seats (port & stbd)
- Freshwater wash down system w/ SS spigot
- Saltwater wash down system w/ SS spigot
- (4) Aft equipment hatches w/ gas strut & flush hinges
- (8) 10" Tie Up Cleats
- Hydraulic beach ramp

Paint and Finishing

- Clear coat protective finish on upper cabin & decks
- Zolatone interior paint – colours TBD by client
- Black antifouling bottom paint (TBD by Manufacturer)
- JR Marine custom decking, interior & exterior
- Vinyl wrap hull & cabin – colours TBD by client

Anchoring & Mooring

- SS windlass (Option to rescue sub or underwater items)
- JR Custom locker to accommodate 400-500 ft of rode
- 5/8" x 400ft Pro Set nylon rope & 5/16" x 100ft chain (optional: SS chain)
- 55lb Sea-Claw anchor (optional: Ultra SS anchor)
- (6) 5/8" Nylon mooring lines
- (6) Polyform fenders, dock lines w/ JR billet fender holders
- (4) Zinc Anodes

SUPERSTRUCTURE & ACCOMMODATION

Forward leaning cabin w/ cuddy & maximum interior head room

- Walls & ceiling insulated & paneled with FRP & black stained wood trim
- Overhead grab rails along center line
- Welded aluminum floors w/ JR Marine EPDM flooring – (colour TBD)
- Welded aluminum dash console w/ painted removable lower cover panel, shelving & cupholders

- (2) Shockwave S5 Corbin2 helm seat w/ folding armrests & flip up footrest on seat box, S5 Suspension w/ swivel, & slide adjustments
- 1-person bench seat, port side w/ S5 suspension @ sub monitoring station
- 6-person dinette w/ ballistic nylon bench seats & 6" cushions
- JR Marine folding midship seating @ settee
- Bench seat w/ storage under

Bow Ramp Assembly

- Minimum 48" wide bow ramp
- Electric actuated telescoping ramp for beach landing
- Locking system in up position for safety
- Pulley and line for electric windlass (redundancy if hydraulics fail)

HVAC

- Strong, reliable air conditioning system for cabin & cuddy
 - AC to cool to 72 F @ 90% humidity
- Digital thermostat & control monitor w/ Celsius and Fahrenheit
- Louvered intake ventilation w/ fan for interior air
- Autoterm 14D hydronic heater w/ defrost bar @ front windows

Galley

- Aluminum cabinets w/ Corian countertop and backsplash – (colour TBD)
- Microwave oven
- Dometic NRX130 4.3 CU FT AC/DC single door refrigerator w/ freezer
- Full size SS sink w/ mixer faucet – (colour TBD)

Port Cuddy

- Ceiling insulated & panelled w/ white FRP & aluminum trim
- (2) 6" premium quality cushions w/ ballistic nylon - (colour TBD)
- Gunnel shelves (port & stbd)
- Cutouts for storage

Starboard Cuddy Head

- Ceiling insulated & panelled w/ white FRP & aluminum trim
- Jabsco Saltwater flush toilet
- Shower kit w/ mixer knobs & handheld shower head
- Solar powered exhaust fan

- Wall mounted shelf
- Oval SS sink w/ Scandvik compact combo faucet
- Aluminum storage vanity w/ Zolatone paint
- Aluminum cabinet w/ mirror

Water System

- 100 Gallon (375 Litre) freshwater tank & SS deck fitting
- 40 Gallon (150 Litre) blackwater tank w/ Y fitting, deck pump, & SS fitting
- 6 Gallon hot water tank
- (6) Rule 2000 bilge pumps w/ float switches & high-water alarm

Windows & Doors

- All windows .25" commercial grade glass w/ UV protection & mitered aluminum anodized black frames
- (1) Fwd center window
- (2) Flip up windshields clear
- (2) Bonded sliding tinted side windows w/ screens
- (5) Fixed tinted bonded side windows
- (1) Drop sliding clear window for aft cabin bulkhead w/ screen
- (2) Lewmar 70 hatch for cuddy head compartment & stateroom
- Sliding cabin door w/ window & SS lockset
- Trioving SS locksets standard
- Hinged door for cuddy head compartment w/ privacy lock

ELECTRICAL SYSTEM

DC System

- (4) 6V group L16 AGM house batteries
- Start battery package for Scania inboards
- Egis battery switches & circuit breakers
- LED navigation lights
- (2) LED deck lights over aft deck
- (2) 12V dash fans
- (3) 12V dual USB-C ports (1 @ port dash, 1 @ stbd dash, 1 @ dinette)
- (3) Touch dome cabin lights red/white @ helm
- (12) Cabin lights (4 @ cuddy, 4 @ dinette, 3 @ galley, 1 @ head)

- Optional: courtesy lighting
- (3) Imtra pantographic windshield wipers w/ wash system
- DC distribution panel
- Panel switch for 6 bilge pumps
- Cervo GX monitoring system

AC System

- Smartplug shore power inlet w/ 50' cordset
- Promariner Prosafe 50A galvanic isolator – (optional: galvanic isolator)
- (5) 15A GFCI receptacles (1 each @ port sub monitoring station, head, cuddy, 2 @ galley)
- Victron Multiplus 3000 inverter/charger
- AC Distribution panel

Generator

- Northern Lights 12kW diesel generator – TBD w/ load requirements
- Wet exhaust muffler & intake strainer

Safety Package

- (2) USCG UL-5 B:C dry agent fire extinguisher (2 lb)
- Gasoline fume detector
- Marine carbon monoxide detector and Smoke Detector
- Optional: Life raft

POWER & PROPULSION

Engines

- Twin Scania 900hp diesel engines with Hamilton Jets
- 25 knots cruising speed w/ load

Fuel System

- (2) 300 Gallon (1135 litre) Diesel Fuel Tanks w/ KUS gauges & SS deck fills
- Racor 660 series gasoline fuel filters
- Gasoline tank (100 Gallon/375 litre) w/ KUS gauge
- Racor 120 series diesel fuel filter
- Auxiliary refueling tank system

ELECTRONICS & NAVIGATION

- Fusion stereo w/ Bluetooth, USB, AM/FM
- (6) Fusion speakers, (2 in cabin, 2 aft deck, 2 at bow seating)
- AFI premium electric horn (optional: air horn)
- Ritchie Explorer B51 magnetic compass
- Raymarine AXIOM 2 XL 16" Chartplotter
- (2) 600W SS transducers
- Raymarine Quantum 2 Q24D Doppler 18" radar
- Raymarine Ray73 VHF radio
- Please note: Raymarine package similar to other tender vessels

TERMS & CONDITIONS

- All prices quoted are FOB Sidney, BC, Canada
- Price quotes are valid for 30 days
- Quoted price does not include applicable taxes or licensing

CUSTOM CLIENT REQUESTS – ***OPTIONAL EQUIPMENT*******

Helicopter Pad

- Flush Mount helicopter pad – rated for 2500 lbs
- Grabrail on underside for no helicopter catchment
- Flush mount helicopter tiedowns
- Roof access ladder
- Aft flip down bolster seating at port & starboard

Forward Submarine Ballast System

- JR ballast tank compartments with large, sealed access hatches for inspection and cleaning
- Ballast pumps to be specified by engineer to work in partnership with the sub lift system. GPM to be determined.

Hydraulic A-Frame System for submarine deployment

- Twin PTO system

- Hydraulic pack to meet client specifications w/ engineered package
- 5x submarine weight safety rating for A frame (19,000 kg)
- Under deck reinforcement and A frame sub assembly
- ZipWakes or SeaKeeper trim options
- D rubber on aft deployment compartment for submarine protection
- Submarine control centre @ stbd aft helm station
- Flush mount submarine tiedowns

Bow Seating

- U formation (colour TBD by client)
- Storage underneath
- UHMW isolation rings for storage for 6 dive tanks with back packs attached
- Courtesy lighting

Fishing Package (optional)

- (2) Downriggers / Rod storage
- Fish locker w/ cutting board
- Live well
- Under deck fish totes