



OCEAN CRAFT
MARINE

A photograph of an AMP 280 Estero boat, viewed from a high angle. The boat is white with a black and white striped inflatable tube at the stern. It features a canopy and a 350 outboard motor. The boat is on a dark, textured surface, possibly a dock or a boat lift.

AMP 280 ESTERO

AMP VESSEL SPECIFICATIONS:

GENERAL SPECIFICATIONS:

- LOA: 8.57M
- Beam: 2.55M
- Tube Diameter 0.45M
- Passengers 10 on water & 5 on land
- Classification Category "B," Offshore
- Weight (Empty Boat) 1450 kg / 3,197 lbs
- Weight (Full Average) 3050 kg / 6,724 lbs
- Fuel Tankage: Twin fuel Tanks (82 Gallon Total)

VESSEL FRP HULL:

- OCM AMP 8.4m RHIB "Turn-Key Ready" "V" shaped Laminated Fiberglass Reverse Chine Hull, Color: Off-White
- Anchor locker Forward
- Twin (2) Below Deck Aluminum Fuel Tanks
- 3 U-bolts (1 on bow, 2 on transom)
- S.S Heavy Duty Lifting Points (2 Foredeck & 2 Aft deck)
- SeaDek EVA Foam Flooring System in Smoke grey color

TUBE SET:

- Tube Spec. Neoprene-Hypalon, Military-Grade Thickness, 1670 Dtex. Inflatable Tube-Set, Six (6) Compartmentalized w/ inflation and Over-pressure Valves, Color: Off-White
- Diver Notches on tube, "Port Aft Section" and " Starboard Aft Section "
- EVA Patches on tube in Black color
- External Grab Lifelines
- Rubber Handles 4 No.
- AMP Logos
- Triple Fendering Rub-strake on tubes
- Hypalon Strip between fender strakes
- Bow Step with 2 x Black painted S.S Cleats

CONSOLE:

- Double Futura Center Console, with forward seat w/small-form-factor smoked windscreen & grab-railing

SEATING (DIAMOND STITCHING PATTERN):

- S.S Polished Leaning Post With Back Rest Double
- Forward U- Bench Seat with Day Bed Insert (for 4 to 5 PAX)
- Aft Athwartship Bench Seating with Back Rests
- Upholstery cushion pad on anchor bulk-head

DECK/STRUCTURE:

- S.S Polished HD Aft Equipment Arch w/skiing point & 2 x Fish Rod holders
- S.S Polished HD Aluminum T Top
- S.S Polished Tube Affixed Diver/Swimmer Folding Boarding Ladder (Port side)
- 2 x S.S Polished Pop-up mooring cleats

PROTECTION:

- Boat Cover
- Console Cover

FUEL SYSTEM:

- Twin Aluminum Fuel Tanks (82 Gal. Total Onboard) with Dual Pick-up tubes per tank
- Twin hull-affixed tank selection/fuel shut off valves and with twin Fuel filter water-separators

ELECTRONICS/LIGHTING:

- LED Vessel Navigation & Anchor Lights IAW COLREGS
- Bow-mounted LED marine headlight (land use only)
- Automatic Electric Bilge Pumps (2) 500 GPH High Capacity, with Automatic Float Switch
- 12VDC Electric Distribution Bus/System with Breaker Panels
- Battery Isolators
- AGM - Optima Blue Top® Battery Bank, Tray, Selector Switch and charging isolator (for accessory)
- Tube Set Inflation Pump
- Onboard battery charger
- 4 x LED Flood Lights for Deck and Scene Lighting on Arch mounted inverted and adjustable for windage and elevation
- 12V JABCO 360 degree rotating Search Light on Arch
- T-top Overhead LED Lumitec Tri-Color Lighting
- Accessory Receptacle 12VDC USB Style 1 No.
- Offshore™ Compass - illuminated, Flush-Mounted
- Garmin™ 115i VHF Radio with Antenna
- Garmin™ GPSMAP 8412 XSV 12" inch with Sonar Combo , Multifunction Display Chart Plotter, WiFi Connectivity, In-hull Transducer & Bluechart G2 Vision
- Sony Fusion™ MS-UD755 Marine Stereo System with UNI-Dock / Bluetooth / Radio / USB / AUX and 2 x FUSION 6" Marine Loud Speakers
- 6 x Cup holders

PROPULSION:

- Single Mercury® 350HP Outboard Engine, XL 25" Shaft, with Electro-Hydraulic Power Steering Option, w/Black Color engine cowlings.
- Vessel View-502 5 " Display w/Engine & Vessel Telemetry Integrated with Multifunction Displays, Fly-by-Wire DTS Control Binnacle, Tilt Helm wheel, and Installation, Stainless Steel Propeller, AGM - Optima Blue Top® Battery Bank, Tray, , Selector Switches, etc

LAND MOBILITY, OCM AAS-100 AMPHIBIOUS, 4-WHEEL DRIVE SYSTEM

- 2 x Bow Wheels and 2 x Stern Wheels For Superior Traction & Less Ground Pressure

HYDRAULIC POWER UNIT:

- Briggs and Stratton™ 30KW (40HP), EFI Engine Equipped with “Control By Wire” (CBW)
- Equipped With Oxygen Sensor To Reduce Emission
- Engine RPM Monitoring For Stability Of Operation
- Consistent, Easy-Starting, Superior Fuel Economy
- On-Board Diagnostic Display & Fault Code Plate

HYDRAULICS:

- Hydraulic System Provides Maximum On Land Travel Speed Of 6 MPH (9.5kmh)
- Hydraulic Pump With Electro Proportional Servo Control System
- One-piece Custom Hydraulic Valve Block With Integrated Hydraulic Filter
- Pump & Hydraulic Valve Block Integrated As Part Of The Hydraulic Tank o Full System Monitoring Transducer To Measures Oil, Pressures, Temp & Filter Condition o Synthetic Hydraulic Oil
- Corrosion Proof Hydraulic Hoses
- All Hydraulic Cylinders Have Built In Load Holding Valves, Diff-Lock

WHEELS / TIRES:

- Custom Marine Coated Wheels With Offset To Place Load In Optimum Position
- Over Hydraulic Motor 26x12x12 Turf Tires

PROGRAMMABLE LOGIC CONTROLLER (PLC):

- Full System Monitoring & On-Board Diagnostic Capabilities
- Remote Monitoring Of System Performance & Service Support
- Self-Centering Of Steering Wheel Assembly
- Hydraulic Brakes With Auto On Feature If In Neutral & No Drive Signal Received After 5 Seconds
- Auto Engine Speed Control For Wheel Retraction/Extension
- Manual RPM Adjustment Control

USER INTERFACE (UI):

- Joystick, Keypad & “System Fault” LED

GENERAL ARRANGEMENT MEASUREMENTS:

