



The Hammerhead uses The Navigator Delta 2 from Shark Marine Technologies. This powerful navigation system provides: Full/Semi-autonomous control, Mapping capabilities, Ascend/descend rate limits for safety, Station keeping, Course and heading information, Doppler navigation to track dead reckoning, Teledyne Blueview sonar for accurate object detection and Pole GPS for positioning.

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The 105Ah battery consists of 5 individual battery packs at 21Ah each. The 5 discrete packs add safety and redundancy to the system. The addition of battery modules increases power longevity and mission duration. The modular design also allows for future upgrading of the power source when new technology becomes available.

BOW MODULE: Houses system controls and navigation systems

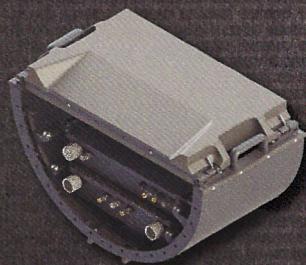


SPACER MODULE: PALS/MOLLE system to store dive gear. Gives room for divers chest rig and arms

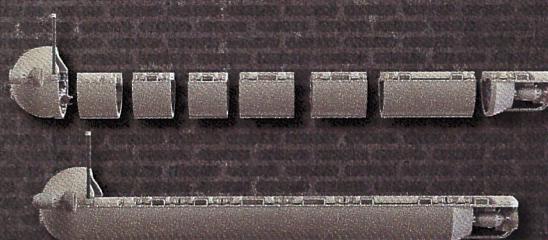
CONTROL MODULE: Houses vehicle brains and auxiliary systems

BATTERY MODULE: Houses the powerful Hammerhead 105Ah Battery Array

STERN MODULE: Houses stern thrusters

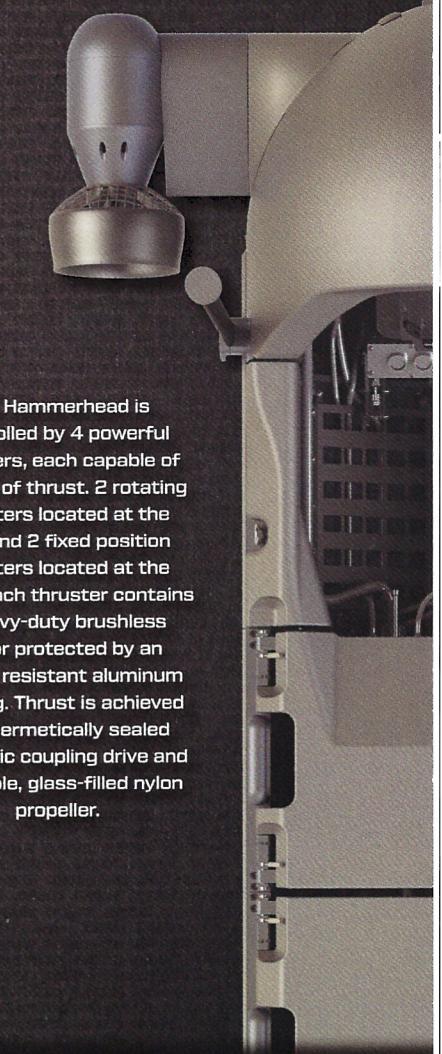
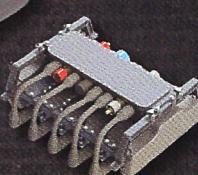


The Hammerhead control module contains a power accessory port. This connection provides up to 1000 watts of power for accessories such as heated wetsuits, lights, cameras and other equipment.



Additional modules can be added to accommodate mission specific requirements. For example, storage modules can be added to carry additional equipment, air modules for on board air supply and additional battery modules for extended power capabilities.

The Hammerhead is controlled by 4 powerful thrusters, each capable of 100 lbs of thrust. 2 rotating thrusters located at the bow and 2 fixed position thrusters located at the stern. Each thruster contains a heavy-duty brushless motor protected by an impact resistant aluminum housing. Thrust is achieved by a hermetically sealed magnetic coupling drive and a durable, glass-filled nylon propeller.



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