Sea Life Technology

CRUSH SPECIFICATIONS

Name: *Crush*

Weight: 8 kg
Dimensions: 45cm (*length*) x 41cm (*width*) x 27cm (*height*)
Tether Length: 15 meters
ROV Cost: $2095.47
Total Hours (design & build): 550

Safety Features:
Power switch, thruster propellor guards, 3D printed joints to cover aluminum frame, tether restraints, wiring neatly restrained, water-proofed wiring, joints secured with screws and locking bolts.

Special Features:
Aluminum alloy framing, 3D designed and printed joints, 3D printed thruster guards, Logitech Extreme 3D Pro Joysticks, 3 on-board cameras, and a Micro ROV designed for missions.

THE ENGINEERING TEAM

We are a JV Ranger robotics company from Dallas, Georgia. Our members attend North Paulding High School and Sammy McClure Sr. Middle School. We are located 469.9 km from Johnson City, Tennessee. Our company members are 7th and 9th graders. Sea Life Technology was established in 2019.

Company Members:
Back row: Tanner Qualls (Mechanical Engineer), Addison Anderson (Mechanical Engineer), Reagan Beard (CEO), Micah Kubr (Software Engineer), Michealla Hopfner (Electrical Engineer), Genevieve Lang (Electrical Engineer), Gavin Osterloh (Electrical Engineer),
Front row: Taylor Anavitarte (Mechanical Engineer), Mackenzie Horne (Mechanical Engineer). Garrett Lanham (Software Engineer),
Mentors: Glen Lewis, Erin Anderson Fritsche.

Sea Life Technology
Dallas, Georgia.
United States.
Distance Traveled:
469.9 km.
First Time Competitors