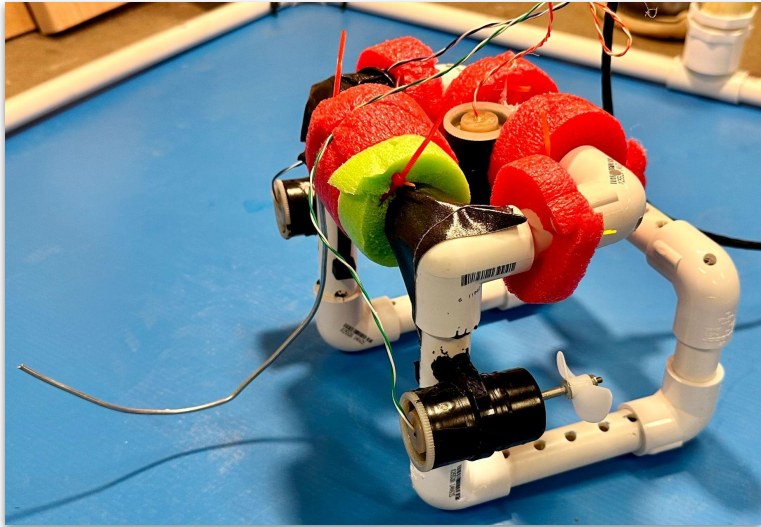


The Manatee

Made by Griffin Crowder and Abram Gatz



The ROV

1 year participating at SeaPerch

0 times at the international competition

Our SeaPerch is unique because:

The Manatee is unique because of its simple design. It has no unnecessary weight, and no bells and whistles. We learned from testing that sometimes less is more, especially when the most important aspects of the competition were efficiency, maneuverability, and speed.

SeaPerch Design Overview:

We first took a basic design from the design manual, the mini ROV, and went from there. We were going to add a servo on the hook, but decided that it wouldn't be worth the time put into it. We then also added a bar across the top for stability and support, and some duct tape to secure it and make it look nice.

Our biggest takeaway this season is:

When we were making our ROV we at first went for a complicated design. Then after several testing periods we learned that it was just better off basic. Our biggest takeaway from this season is that you will have to restart the engineering design process more times than you think, and that basic can be better.