



STINGRAY

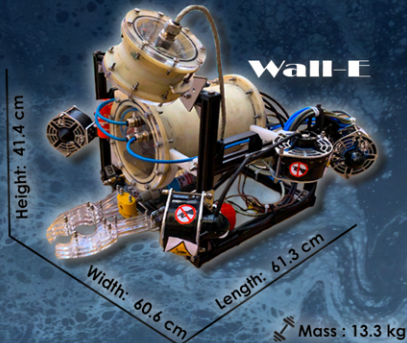
Spec Sheet 2023

Safety Features

- Sealed up to 2 bars
- No sharp edges
- Overcurrent prevention using fuses
- Prevent thrusters from working with full potential at once, using an interlocking system.

Special Features

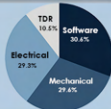
- Utilised stereo camera for depth accuracy
- Pneumatically actuated rotating gripper
- GUI independently plugs and plays the ROV
- Circular PCB



Facts about Wall-E

Total cost : **5690.06\$**

Total Work Hours : **2295 H**



Company info

- **Company name:** Stingray
- **College name:** AAST
- **Distance travelled:** 11,000 Km
- **State/country:** Alexandria, Egypt
- **Participation history:** Since 2023

Team members :

- | | | |
|--|--|---|
| <p>Electrical:</p> <ul style="list-style-type: none"> '24-Ahmed Mohamed (Electrical Lead) '24-Abdelrahman Sherif '24-Fady Reda '24-Mariam Abdrabou '25-Mayar Mohamed '24-Mohamed Bahgat '24-Omar Mohamed '24-Seif Shaker '25-Ziad Hany | <p>Software:</p> <ul style="list-style-type: none"> '24-Moez Rashed (CEO, Pilot) '24-Toka Ayman (TDR Lead, CFO) '24-Habiba Ahmed (Marketing Lead) '24-Aly Mohamed (co-pilot) '25-Ahmed Yasser '24-Khloud Maged '23-Mohamed Magdy '26-Nour Eldin Nassar '24-Shady Tarek '24-Zeyad Adel | <p>Mechanical:</p> <ul style="list-style-type: none"> '24-Ahmed Sobhy (Software Lead) '24-Manar Adel (PR Lead) '24-Sherif Khaled (co-pilot) '24-Abdelrahman Elzarka '25-Farah Elsoussi '24-Loay Gaber '25-Nada Habib '24-Raneem Abdelwahab '24-Zeina Mohamed '24-Ahmed Balba (Mechanical Lead) '25-Abdelrahman Mohamed '24-Abdelrahman Wael '24-Ahmed Hesham '25-Ahmed Yasser '24-Andrew Nader Attैया '24-Hani Adel '25-Mohamed Tohamy '24-Mohannad Mohamed '24-Nader Alaa '25-Kirolas Samir |
|--|--|---|

Mentors: Abdelaziz Yousry, Aly Zaitoon, Aya Essam, Mai Allam, Mohamed Salem, and Mazen Gemeay

