

Spec Sheet



Achelous Company Info

Company name: Achelous
ROV name: The Nessie
School name: Macau Pui Ching Middle School
Region: Macau SAR
Range of grade: Grade 9-11
Distance traveled : 13,259 km
Returning Team: participated MATE Competition once
Competition Mentors: Thomas Lao, Marco Lou
design and build time: around 310 hours



The Nessie
360 X 220 X 300 mm
12 kg | \$4182

Team Members

Si Fong ' 25 -- CEO, Electronic Engineer
Godfrey Wong ' 25 -- CFO, Programmer
Bryan Lao ' 25 -- CTO, Programmer
Serene Kong ' 25 -- Co-CEO, Mechanic Engineer, Co-pilot
Marco Lam ' 25 -- Electronic Engineer
Bosco Tam ' 25 -- Mechanic Engineer
Jayden Chao ' 25 -- Mechanic Engineer
Anna Hon ' 25 -- Public Relations, project management assistant
Leon Lei ' 26 -- Programmer
Nathan Han ' 26 -- Programmer
Noah Kwok ' 26 -- Electronic Engineer, Pilot

Special Features

- Modular design
- Extra side camera
- Vectored thruster configuration
- Expandable and customizable
- Automatic modelling algorithm

Safety Features

- Thruster guard
- Warning label
- 25 amp fuse
- No sharp edge
- One-click shutdown

