

NAUTILUS-X ROV SPEC SHEET

TEAM

12,259 km from UAE to Alpena, MI

2nd

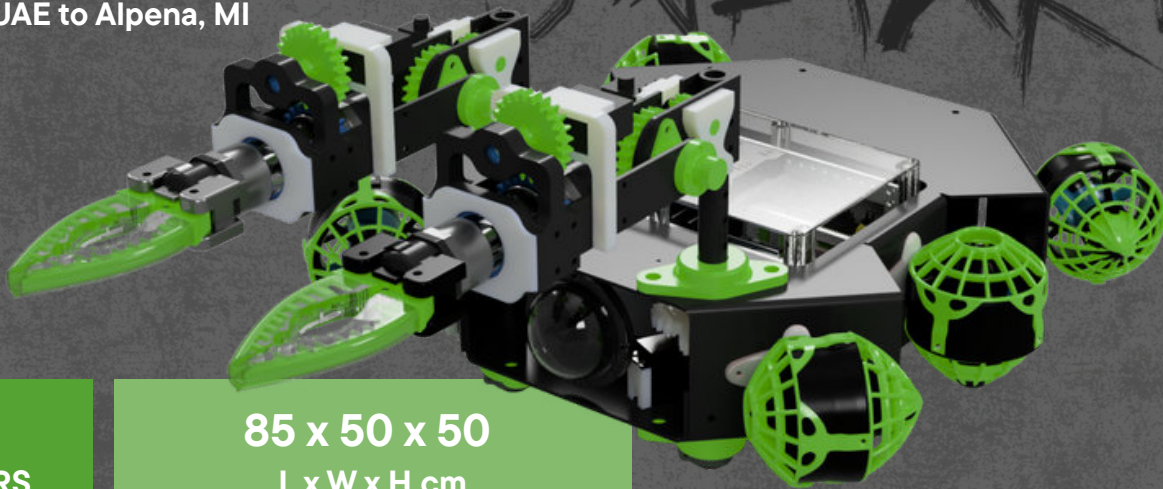
Year MATE
Returning Team

4000
BUILD HOURS

85 x 50 x 50
L x W x H cm

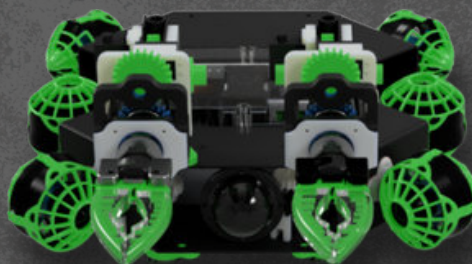
\$3200
TOTAL COST

15.0
KG



SAFETY FEATURES

Emergency Stop Mechanism
Collision Avoidance Systems
Leak Detection and Sealing
Communication Systems
Fail-Safe Architecture
Fault Isolation



SPECIAL FEATURES

2 Four Function Manipulators
Addn. Network Ports
Up to 30m Depth
5 DOF of ROV
8 KG Payload
5 HD cameras

JALPARI COMPANY SPECS

ELECTRICAL

MEDWIN SAJAN-Elec Head (Year III-Returning) / **CEO & Pilot**
KIRAN KRISHNAN----- (Year II - New)
MOINUL ISLAM----- (Year II - New)
BILAL BASLAR----- (Year IV - Returning)
SYED RAYAN----- (Year II - New)
Mentor : SYEDA A'FAF & FOUAD ANWAR

SOFTWARE

OWAIS SHEIKH----- Software Head (Year II - New)
SHAIMA ZAFFAR----- (Year IV - New)
AMAN NISHAD----- (Year IV - Returning)
SHREESH CHATURVEDI----- (Year IV - Returning)
SYEDA MAIZAH----- (Year III - New)
Mentor : ASHTON REBELLO & MUHAMMAD EMAD

MECHANICAL

MOHAMED HANIF----- Mech Head (Year III - Returning)
ADARSH BABURAJ----- (Year IV - Returning)
EHSHAANYA GUJARAN----- (Year III - New) / CFO
ABHINAV ARUNKUMAR----- (Year II - New)
Mentor : JERIN JOSE

