



ROBO-TECH

The Kraken



ROV Specs

ROV Name : The Kraken

ROV Cost: 600 Dollars

Primarily Materials: Polyethylene and Acrylic

Weight in air : 12 kg

Power Requirement: 12V DC, 29A.

HomeTown: Alexandria, Egypt

Years participating in MATE competition : First year

Special Features

Easy and fast maneuvering using 6 thrusters
Changeable attachments depending on mission

Ability to determine the altitude of the ROV
acceleration and tilt angle using Our 3 Axis Accelerometer
Two sealed cameras

Safety Features

No sharp edges
Safety signs on Kortnozzles.
A fuse 30
Water-detection sensor in electrical canister

Team Members

Muhammed Atef	Team Leader
Mark Adel	Pilot
Pola Ehab	Co-pilot
Marwan Fouda	CFO
Mahmoud Alshemy	Media
Shahd Mahmoud	Mech.m
Noha Haydak	Mech.m
Habiba Yasser	Mech.m
Hana Ghanem	HR
Aya Mohi	Elec.m
Salma Hisham	Elec. m

Team Mentor : Eng. Ahmed Essam



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