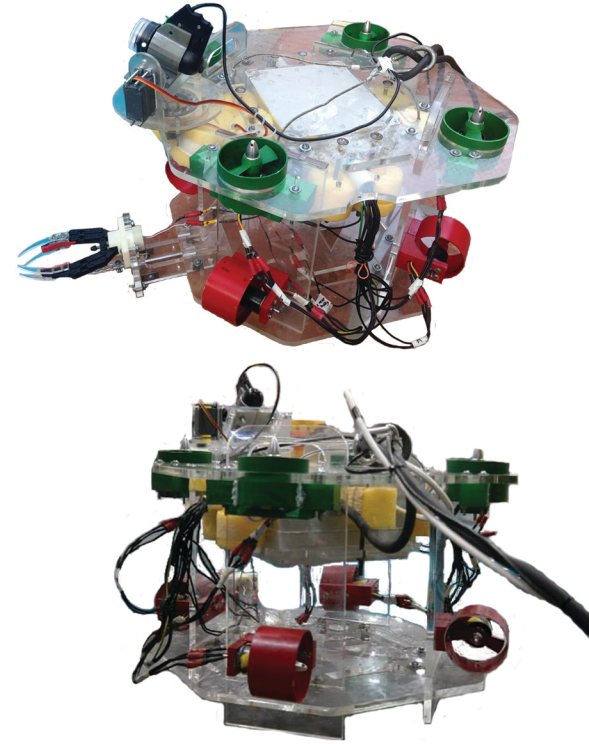


XOTIC



MEMBERS

University undergraduate students from several engineering majors (only one high school student).
*Not in picture

Brissa Lizbeth Romero Rosales	<i>Design and Integration Engineer</i>
Hilda Stephania Merino Bahaman	<i>Tools Developer</i>
Hilda Teresa Rojas Alemán*	<i>Waterproofing Developer</i>
Karla Estefania Aguirre Segura	<i>Mechanical Engineer (Vision System), Safety Officer</i>
Laura Michelle Zenteno Rivera	<i>Software Engineer, Pilot</i>
Luis Enrique Carvajal Pallares	<i>Estructural Designer, Mechanical Engineer (Thrusters)</i>
Maïa Lucie Renaud Mascarua	<i>CEO, CFO, Marketing</i>
Marco Antonio Uribe Figueroa	<i>Design and Integration Engineer</i>
Oliver Santos Carmona*	<i>Electronic Engineer (Sensors and Vision System)</i>
Víctor Manuel González Linares	<i>Software Engineer, Pilot</i>

Distance required to travel to the international competition = 7030 Km
First Time Participation

SPECS

Safety Features

Electronic box connectors (crimped and additionally isolated with Epoxy)

Over current protection (by placing a fuse before all electronic components and another after the voltage regulator)

Temperature and humidity sensor in the electronic box.

Automatic halt of motor in case of communication failure.

Special features

Octagonal structure

Friendly data communication

High processing performance

Custom 3D printed parts

Modular design (exchangeable tools)

Algae collecting system by suction mechanism

COST

Total cost: 18,280 USD
(ROV (4,127 USD) + Travel expenses (14,153 USD))

MENTORS

Gianpiero Trane Campos
David García Suárez