

## ABOUT THE TEAM (SUROVOTIC)



SURO 3D design (Credit: R. Daffa)

**Nawfal** (11th grade, SMAN 2 Surabaya, 1<sup>st</sup> Year of MATE Competition): Chief Executive Officer

**Firman Fathoni** (7th grade, SMPN 1 Surabaya, 3<sup>rd</sup> Year of MATE Competition): Chief Financial Officer

**Daffa** (9th grade, SMPN 1 Surabaya, 2<sup>nd</sup> Year of MATE Competition) Design and Software Engineer

**Pradana** (11<sup>th</sup> grade, SMAN 4 Surabaya, 1<sup>st</sup> Year of MATE Competition): Mechanical Engineer

**Pradana** (7<sup>th</sup> grade, SMPN 6 Surabaya, 2<sup>nd</sup> Year of MATE Competition): Software Engineer

Surabaya, East Java, Indonesia

## ROV SPECIFICATIONS

**Cost:** \$1500

**Dimension/Weight:** 26cm tall by 38cm long by 28cm wide; 7kg

**Special features:**

- Portable and compact design
- Custom design PCB
- IMU Sensor
- Main Gripper with 2 dof, and side gripper
- Graphical User Interface (for visualization)

**Safety features:**

- Waterproof electronics tube
- 25 Amp fuse on the positive side of the main power source
- Emergency Cut Off Switch
- Ampere and volt meter display

 **SUROVOTIC**



SURO

(Credit: Tri Susanto)