

# SPEC SHEET



## **Company Specs:**

Company Name: U.Stall

University Name: Hochschule Esslingen - University of Applied Science

Home country: Germany Distance travelled: 6802 km

History of Mate competition participation: 2nd year of participation

#### SPECIAL FEATURES:

- Triangular shape
- It is easy to manoeuvre thanks to its six independent motors
- Tools can be accessed and replaced quickly and easily
- Gyroscope and magnetometer for stabilisation

### SAFETY FEATURES:

- Thrusters protected by a 3D-printed design
- Protection for all plugs
- Tools and motor control electronics independent



Total Working Hours: 3000 hours

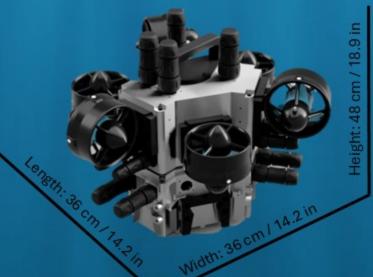


Total Costs:

7.500€



Weight: 12,51 kg



ROV-Name LOUIS

#### Team Members:

Felix Harnau
Iheb Elleuch
Jakob Kerber
Jakob Hagmann
Artuhr Glinka
Gonzalo Clavijo Santos
Luis Deuschle
Alexander Harcuk
Benedikt Salecker
Marie-Madlen Kühnel
Levi Reichert
Johann Spielvogel
Jennifer Gastgeb
Pascal Roskamp
Tim Richter

Software, Electrical, Team leader
Software, Electrical, 2nd Team leader
Chassi-Design, Concept, Pilot
Electrical, Mechanic, 2nd Pilot
Electrical
Business Operations Responsible
Float, Software
Float, Mechanic
Float, Electrical, PM
Marketing for Social Media
CAD Modelling
Software, Electrical
Construction, Mounting
Construction, Mounting

Constructor, Electrical Design

Semester 2 Semester 2 Semester 7 Semester 7 Semester 7 Semester 7 Semester 4 Semester 3 Semester 6 Semester 6 Semester 6

Semester 6

Semester 5

