

# Company Spec Sheet



The XTR Team - Photo by Dillon Armstrong

Company Name: Xtra Tropical Robotics

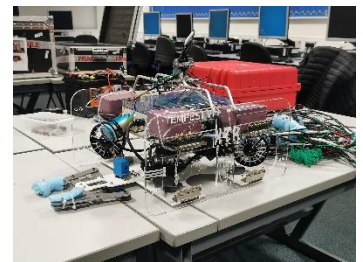
ROV Name: Tempest VI

Location: Grove Academy, Dundee, Scotland, UK

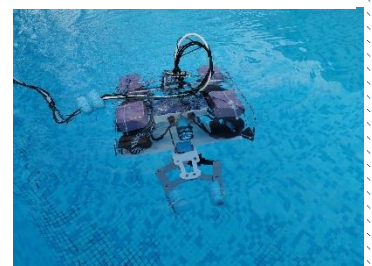
Distance required to travel to international Competition: 4378 Miles approx.

Xtra Tropical Robotics is a company that is new to the MATE ROV competition.

Member	Role	Year	Total Hours Spent Working on ROV
Joel Naterwalla	CEO	S6	280
Lewis Smith	Vice CEO, Pilot	S6	300
Jack Harrow	Software Engineer, Co-Pilot	S6	300
Thomas Kobine	Tooling Designer	S6	270
Ruairi Maclean	Mechanised Tooling Engineer	S6	270
Aidan Murray	Assistant Operations Manager	S6	260
Josh Patterson	Float Engineer	S6	270
Eilidh Payne	Head of Wiring, Tether Manager	S6	300
Lorna Robertson	Operations Manager, CFO, Safety Officer	S6	280



Tempest VI - Photos by Lewis Smith



ROV Specifications		Special Features	Safety Features
Height:	300mm	<ul style="list-style-type: none"> <li>Four T100 thrusters.</li> <li>Two T200 thrusters.</li> <li>Exponential control.</li> <li>Custom-built manipulator and scoop</li> <li>Pressurized box to house onboard hardware.</li> </ul>	<ul style="list-style-type: none"> <li>3D printed thruster guards.</li> <li>Wiring harness to prevent strain on wires.</li> <li>Cord around the tether to prevent pulling on wires.</li> <li>No sharp edges which could cause damage to the pool or people.</li> </ul>
Width:	410mm		
Length:	420mm		
Weight:	7.65kg		
Total Cost (including re-used parts):	£1620		