



Triton Robotics Spec Sheet

(Ranger Team #0353A)

MATE World Championships
June 25-27, 2026



Triton Robotics. Credit: S. Larkin

Company: **Triton Robotics**

Org: Triton Robotics
(Community Team),
Seattle, Washington, USA

Distance

Travelled: 5052 km

MATE 4th year (3rd in Ranger)

History: 7 members:
6 returning; 1 new

Team Members (left to right in photo above):

- Griffin Fisher Chief Mission Specialist
- Tenzin Larkin Co-Founder/CEO
Chief Engineer
- Miles Lipson Chief Safety Officer
- Thomas Gust Co-Founder/CEO,
Software Lead
- Emi Enoki Chief Marketing Officer
- Simon Hajduk Chief Float Engineer
- Theo Lipson Chief Operations Officer

Grade range: 11th grade (all)

ROV Name: ***Njord***

Total Cost: \$5810

ROV Size: 0.76m (L) x 0.48m (W) x 0.41m (H)

ROV Weight: 16.8kg (mass); 165N (weight)

Float Name: ***Skadi***

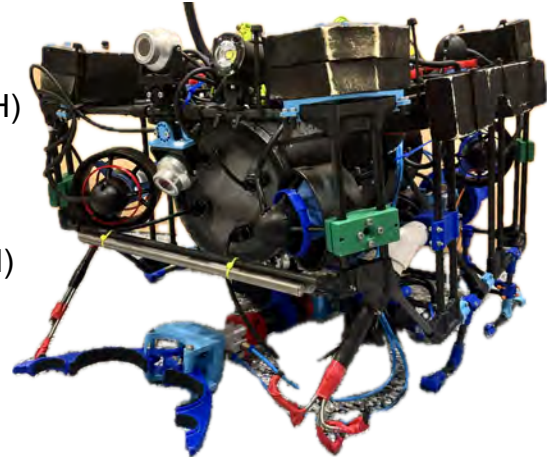
Float Size: 0.12m (max diameter) x 0.33m (H)

Float Weight: 2.6kg (mass); 26N (weight)

Student hours: 1825 hours

Safety features: 25A main fuse; In-frame and
shrouded motors; Strain relief;
Emergency vents for pneumatics;
Protected moving parts; No sharp
edges; Float pressure relief; Float
fuses.

Special features: Fully custom software throughout
including ROV and float; Flight
software with drive modes; Fully
custom data analysis suite; Balanced
8 motor 6 DOF motion; 4 cameras; 2
custom grippers; Precision float
buoyancy engine (*Skadi*).



Njord ROV

Credit: M. Lipson



Skadi float.

Credit: M. Lipson