

FAFO Solutions – Fast and Flexible Optimisation

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## FAFO Solutions – Fast and Flexible Optimisation

Custom Robotics for Demanding Environments

### Who We Are

FAFO Solutions is an applied robotics development lab specializing in custom mobile robotic systems for challenging, real-world environments.

Based on strong engineering expertise and close collaboration with industry partners, we bridge the gap between laboratory innovation and practical, on-site performance.

### Our Mission

To deliver reliable, adaptable, and field-ready robotic solutions that directly address the operational needs of our clients — increasing efficiency, safety, and productivity in industries where standard solutions fall short.

### What We Do

We design, build, and integrate mobile robots and related technologies for sectors such as construction, outdoor infrastructure, and industrial automation.

#### **Our services include the following:**

- Custom Mobile Robot Design – Tailored platforms for specific terrains, payloads, and tasks;
- Sensor Integration – Lidar, vision systems, GPS/RTK, and environmental sensors;
- Autonomy & Control Systems – Navigation, path planning, and teleoperation solutions;
- Proof-of-Concept to Deployment – From rapid prototyping to on-site implementation;
- Adaptation of Existing Systems – Enhancing commercial robots for specialized needs;
- Consultancy & Technical Advisory – Helping clients evaluate, plan, and implement robotic solutions, from initial feasibility studies to system optimization.

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## How We Work

At FAFO Solutions, we believe that the best robotic systems come from working closely with the people who will actually use them.

### Our approach is:

- Consultancy & Technical Advisory – Helping clients evaluate, plan, and implement robotic solutions, from initial feasibility studies to system optimization;
- Listen First – We start by understanding your operational challenges in detail;
- Design for the Real World – Every prototype is built to survive and perform in your environment, not just in a lab;
- Iterate Quickly – We test early, learn fast, and adapt the design to meet your needs;
- Deploy with Confidence – We ensure every system is ready for real-world use before it leaves our hands.

## What It Means for You

By working with FAFO Solutions, you gain a partner who can transform your operational challenges into tailored, effective robotic solutions.

You only find out by doing — reach out and we'll do it together.

## Contact Information



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