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Customized All-Terrain Vehicle

Product Description

The all-terrain vehicle has garnered widespread acclaim for its excellent off-road performance and versatile capabilities. It can swiftly traverse flat roads and navigate effortlessly across various complex terrains. Its robust wide-track design ensures exceptional stability, enabling it to handle soft sands on beaches, rugged riverbeds, winding forest trails, and swift streams with ease, showcasing its remarkable off-road prowess.

Additionally, the all-terrain vehicle boasts outstanding load-carrying capacity. It can transport a variety of equipment and supplies, conduct convoy operations, collaborate with other vehicles, and collectively accomplish diverse tasks. This efficient operational



approach not only enhances productivity but also significantly enhances operational flexibility and safety. To ensure precise navigation and reliable remote control functionality, the all-terrain vehicle is equipped with a $\pm 2\text{cm}$ high-precision autonomous navigation system. This system employs advanced positioning technology and control algorithms to provide accurate navigation and positioning services, ensuring stable driving and reliable remote control capabilities in various complex terrains.

Product Features

1 All-terrain driving capability:

Designed to tackle various complex terrains, including beaches, riverbeds, forest roads, streams, and deserts, the large tracked design provides stable driving.

2 Multifunctionality :

Can be used for personnel or cargo transportation according to requirements. The vehicle design considers the loading requirements of various task loads, making it versatile.

3 Simple and practical:

Emphasizing a simple and practical design concept, allowing users to easily operate and maintain, suitable for various user groups.

4 High-precision autonomous navigation:

Equipped with a $\pm 2.5\text{cm}$ high-precision autonomous navigation system to ensure precise positioning and path planning.

5 Remote control function:

With remote control capability, users can control the vehicle through a remote controller, enabling remote operation for exploration and response in complex terrain conditions.

6 Convoy operations:

Multiple vehicles can achieve convoy operations, improving work efficiency and flexibility according to task requirements.

7 Environmental protection and sustainability:

Using environmentally friendly materials and advanced power systems to reduce environmental impact, ensuring long-term durability and sustainability.