



**BUILT FOR DANGER  
DESIGNED TO PROTECT**

## LUGV: Logistic Unmanned Ground Vehicle

The LUGV is an all-terrain logistics platform for critical infrastructure and off-road logistics in rough field conditions, **operated via RC (remote control) + FPV (first-person view), command unit or autonomous modes.**

The **gravity-stabilised platform** enables the LUGV to operate effectively on inclines up to 32°, maintaining cargo in a stable position, without shifting or destabilizing. The low ground-pressure tracked drivetrain enables seamless traversal on challenging terrain like gravel, mud, snow, loose sand, and more.

The **stabilization platform can handle up to 1,500 kg** of dangerous or high-value cargo, while the **forklift is capable of lifting payloads up to 1,000 kg.**

For more information, visit us at: [pek-defence.com](http://pek-defence.com)

### KEY FEATURES:



All-Terrain  
Mobility



Fully Electric  
Powertrain



Incline Operation  
±32°



EV48 Powertrain  
for high torque  
at zero RPM



Remote Control  
+ FPV



Easy Transport  
B+E License

### BUILT FOR HOW YOU OPERATE



## POTENTIAL APPLICATIONS & USE-CASES

### DEGRADED ENVIRONMENT LOGISTICS

LUGV is well-suited for logistics in hazardous and hostile environments where human presence should be avoided.

LUGV goes where roads end and cargo still needs to move.

### GRAVITY-STABILIZED CARGO TRANSPORT

LUGV is equipped with a gravity-stabilization platform that automatically adjusts on uneven terrain to keep your cargo safe during transport in rugged environments with inclines up to 32° - without risk of shifting or destabilizing.

### BUDGET-FRIENDLY OPERATIONS

LUGV's low cost-of-ownership allows budget-friendly operations with minimal maintenance, service costs and operating costs. Easily transported via car trailer - the LUGV does not need any permits, convoys or heavy haulers to get where you need it to be.

