



**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 **platform can handle up to 1,500 kg** of dangerous or fragile 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

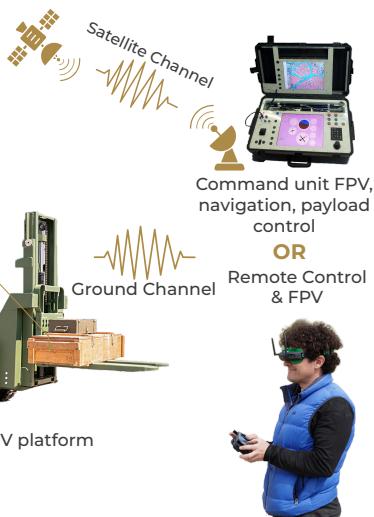


Remote Control  
+ FPV



Easy Transport  
B+E License

### BUILT FOR HOW YOU OPERATE



Multipurpose Logistic UGV platform

### SAVE MONEY / TIME / LIVES

#### LABOR COST SAVINGS

Replaces or supplements at least 1-2 workers per shift.

In 3 years, labor costs alone can save €90,000 – €150,000 in wages (based on EU average forklift driver salary: ~€30K/year + overhead).

-€90-150k in wages in 3 years

#### DOWNTIME & INJURY RISK REDUCTION

Safer operation on slopes, debris, unstable terrain.  
Eliminates driver exposure in dangerous areas.

Preventing one injury or accident could save from €10,000–€150,000+ in claims, disruption, or lawsuits.

-€10-150k per injury or accident

#### FUEL & MAINTENANCE

€0.20–0.40/km operating cost for electric equipment  
vs. €1.00+ for diesel equipment.

LUGV's low maintenance design is built to last and requires no oil changes, engine rebuilds, or hydraulics, which means up to 60–80% less maintenance.

-€20-50k maintenance over 5 years

