

**BUILT FOR DANGER  
DESIGNED TO PROTECT**



## LUGV: Logistic Unmanned Ground Vehicle

The LUGV can be used as a logistics platform for critical infrastructure and off-road logistics in rough field conditions, **operating in RC (remote control) and FPV (first-person view) modes.**

Thanks to its **gravity-stabilised platform**, the LUGV effectively operates on sloped terrain while maintaining the cargo in a stable position, without shifting or destabilizing. And due to low ground pressure, the tracked drivetrain enables seamless traversal on challenging terrain like gravel, mud, snow, loose sand, and more.

These features enable the safe handling of **up to 1,5 tonnes** of dangerous or fragile cargo.

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

### KEY FEATURES:



All-Terrain  
Mobility



Fully Electric  
Powertrain



Incline Operation  
 $\pm 38^\circ$



EV48 Powertrain  
for high torque  
at zero RPM

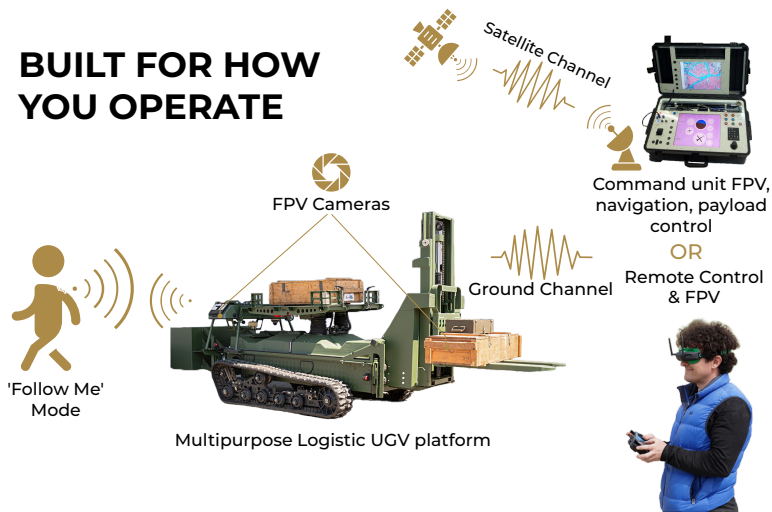


Remote Control  
+ FPV



Easy Transport  
B+E License

### BUILT FOR HOW YOU OPERATE



## 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

