



PUHU-C100

ROTARY WING CARGO UAV SYSTEM



PUHU-C100 is a Next-Generation Rotary-Wing Cargo UAV system developed to meet critical logistical needs in the field with its payload capacity of up to 100 kg, long range, and high horizontal speed. With autonomous mission planning and optimum route optimization capabilities, it can deliver critical supplies to the target area without landing, using its automatic hook unit.

Thanks to its fast-charging system and smart battery software, it ensures uninterrupted mission continuity while enhancing operational efficiency with advanced flight and payload control systems.





MAIN SPECS

MTOW : **360 kg**

Operating Temperature : **-20°C / +50°C**

Operational Range : **10 km**

Max. Flight Altitude (MSL) : **3000 m**

Flight Time : **30 min**

Payload Capacity : **100 / 75 kg**

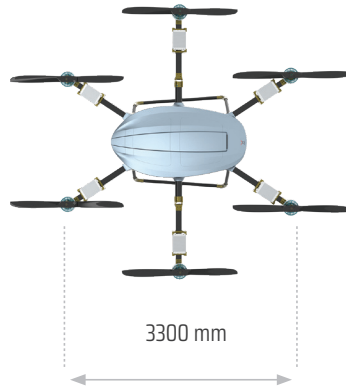
Max. Flight Altitude (AGL) : **500 m**

Max. Horizontal Speed : **90 km/h**

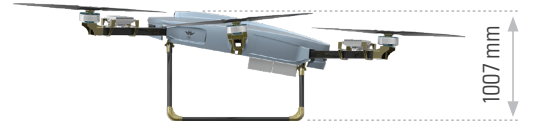
Payload : **3-Axis Stabilized Gimbal
Camera, Cargo Release
Mechanism**



3600 mm



3300 mm



1007 mm

Propeller Diameter : 1.6 m
Cross Rotor Distance : 3600 mm

SYSTEM SPECS

- Modular and Customizable Payload Attachment Interface (e.g., Munition, Cargo Drop, etc.)
- Load Dropping by Automatic Hook Unit – No Landing Required
- Autonomous Flight
- Advanced Fixed Battery System
- Day/Night Mission Capability
- Real-Time Video Transfer and Record
- Autonomous Return Home Functionality without Datalink
- Ability to Define No-Fly Zones
- Support for Various Map Types (Compatible with RASTER and DTED)
- Plug and Play Gimbal
- Beyond-Line-of-Sight Communication with LTE / 4G (Optional)
- ADS-B Transponder for Air Traffic Surveillance (Optional)
- Anti-JAM GNSS Solution (Optional)
- Video Transmission to Command Control Center via LTE / 4G / 5G (Optional)
- Obstacle Avoidance (Available in 2026)
- Redundant Flight Control System (Available in 2026)
- Foldable Arms
- Swarm Intelligence Capability (Optional)



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