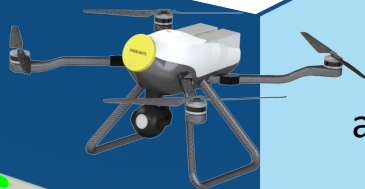
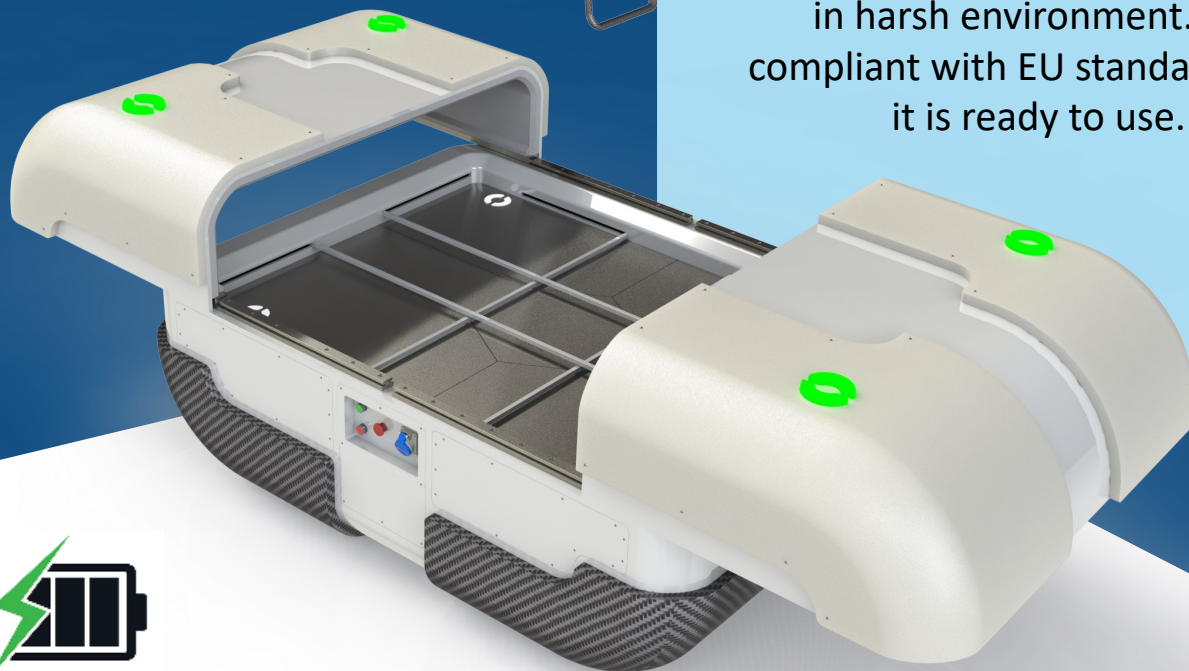




Docking Station UAS



The **Quadrotors Hangar** is developed for industrial applications. Designed to be used in harsh environment. It is compliant with EU standards, and it is ready to use.



Technical Specs:

Weight	< 150 kg
Dimensions	2,2 x 2,2 m
Datalink range	> 30 km
Compatible UAS	Quadrotors
Wind resistance	Up to 25 m/s
Standard Charge Time	< 1 hour
Temp. range	-20/+45 °C
IP rating	65

Remarkable features:

- LTE/5G connectivity
- RTK Correction for precise positioning
- Different Charging mode
- Weather Station with wind and rain sensors
- Supports Mavlink Protocol
- Contact Charging
- Premium quality motors
- Internal UPS
- Temperature monitoring



Safety Features

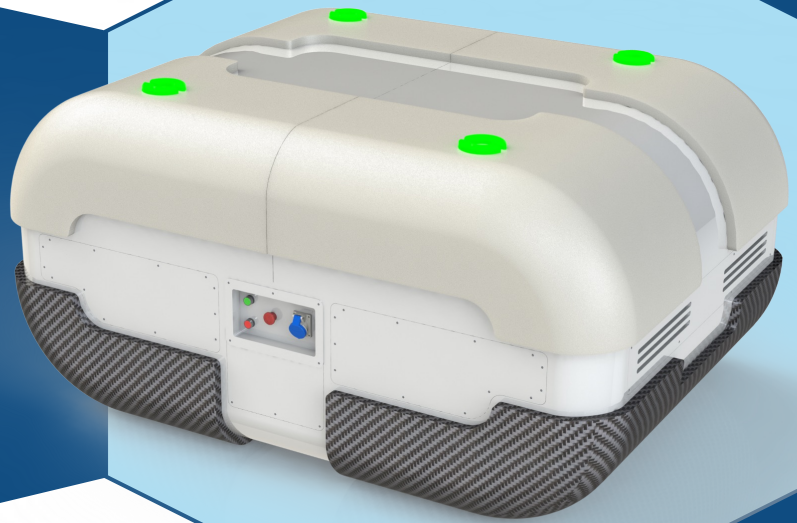
- Emergency Light
- Shortcut protection
- Fail-safe procedure
- 360° camera

RaFla s.r.l.

Via Falerense Est, 29, Piane di Montegiorgio (FM)
Italy



Advanced Solution to enable Autonomous Operations

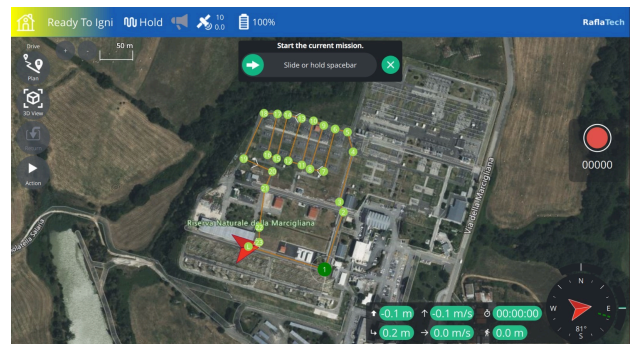


Hangar



Installation

- Area: 3 x 3 m
- Deployment < 10 min
- Flat Surface (max 10°)
- 220 VAC for electrical connection
- RJ45 Ethernet for data connection



Op. Control Center GUI

- Pre-Flight checks
- Pilot login
- Mission Planning
- Hangar monitoring system
- Alarm & Warning
- Local Weather Condition