



Advanced UAV solution for:

- Delivery
- ILS maintenance
- Surveillance
- Photogrammetry
- EO/IR Inspections
- LiDAR Survey



RF-VTOL EU3

The **RF-VTOL EU3** is a Vertical Take-off & Landing solution for industrial applications. Designed to be used in harsh environment. It is compliant with EU standards.

UAV Technical Specs:

MTOW	25 kg
Payload max weight	5 kg
Radio Datalink range	Up to 100 km
Flight speed	20 - 40 m/s
Wind resistance	Up to 50 km/h
Endurance	2 hours (2,5 kg payload)
Temp. range	-20/+50 °C
Max Wing Span	2 m

Remarkable features:

- Optional Tracking Radio Antenna
- LTE/5G connectivity
- Optional Satellite Communication
- Full-electric power system
- Easy packing and transportation
- Double Push back motors
- Premium quality motors
- RTK GPS for precise positioning
- Navigation lights



Safety Features

- FTS compliant with MOC Light-UAS.2511-01
- Parachute compliant with MOC Light-UAS.2512
- ADS-B for air traffic tracking
- Navigation camera

RaFla s.r.l.

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Montegiorgio (FM)
Italy



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RF-VTOL EU3

Double Screen Ground Control Station

- Double or single high visibility displays
- High quality control sticks and switches
- Dual battery with hot swap
- USB port
- 5G/LTE connectivity
- Directional Radio Antenna
- Optional Satellite Antenna



Flight Control GUI

- Pre-Flight checks
- Pilot login
- 3D mission planning

Multiple Payloads Available

- Unique quick release mounting for all payloads
- Universal power and signal connector



Dual sensor EO/IR for thermal analysis and AI tracking



Electro Optical camera with AI tracking system



EVSD1000 or EVSF1000 for ILS inspection



LiDAR for 3D scan

