

Pioneering Drones for Critical Missions

Family of Hybrid-Electric VTOL Drones
for Civil & Multi-Role Operations



Solving today's critical logistics challenges

- Offering near instant delivery
- Reducing cost by centralising resources
- Expanding reach

Future applications addressing defence and security needs

- Police surveillance, border control
- Contested logistics, ISR, communications relay

Multiple civil market use cases

- Medical logistics (blood, organs, vaccines)
- Remote energy/mining supply
- Warehouse-to-warehouse connections

First product ready for market entry



[Drones for
Your Critical
Missions](#)



[UAS Forum,
Sweden
2025](#)



	Aero-30	Aero-200	Aero-600	Aero-3000
Weight	32 kg	208 kg	600 kg	3000 kg
Wingspan	2.99 m	6.12 m	8 m	14 m
Useful load	6 kg	38 kg	150 kg	750 kg
Typical mission	2 kg / 200 km	20 kg / 200 km	tbd	tbd
Status	market entry	market entry	concept available	concept available



Reliable flight systems

- End-to-end automation
- Precision landing
- Fault-tolerant control
- Simulation & training



Integrated mission control

- Live video & telemetry
- BVLOS with Satcom
- Multi-drone operations
- API access



Ruggedized Design

- Night operations
- Rain & snow capable
- Heavy-wind performance
- 20ft container deployment



Hybrid-electric advantage

- Long-range capability
- Full-battery landings
- Hybrid ground charging
- Touch & go operations

Proprietary systems

Dufour develops all key avionics in-house, including flight computers, flight control software, and operation control solutions. This ensures scalability and efficient management of multiple drones from a single operations center.

Strategic advantages

With vertically integrated engineering and production, Dufour ensures full control over critical technologies. Our dual-use strategy addresses both defence and civil markets, while our family of modular systems covers a wide spectrum of UAS classes and mission needs.

Hybrid-electric propulsion

Our unique tilt-wing system combines aerodynamic efficiency with hybrid-electric power, enabling smooth vertical take-off and efficient forward flight. This technology reduces fuel burn, extends range, and improves safety while maintaining high performance.

Market & technology highlights

We target a multi-billion-dollar VTOL drone market with fully automated and scalable systems. Proprietary in-house development accelerates innovation, while proven hybrid-electric technology delivers superior payload, range, and operational flexibility.



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