



HECTO DRONE

HD-408 UNIVERSAL PLATFORM – SPEC SHEET





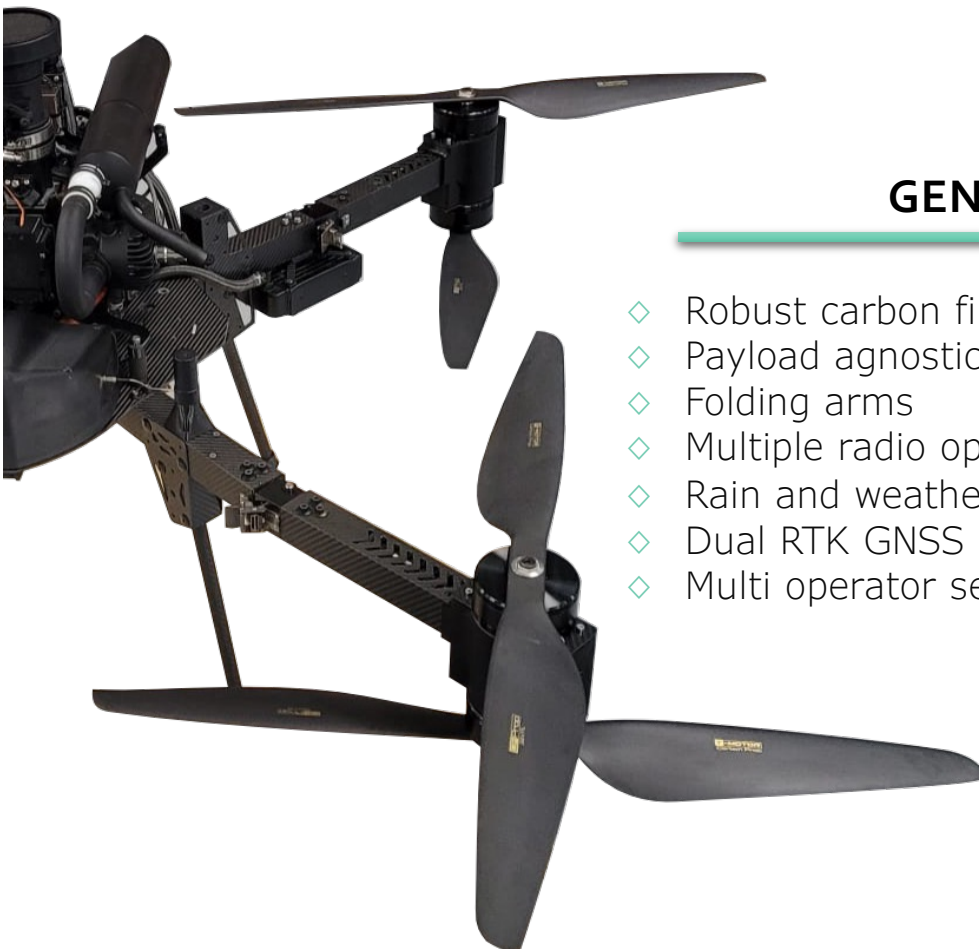
HECTO DRONE

Hecto Drone's UNIVERSAL PLATFORM is powered by our proprietary generator system. Each of our drone models utilizes this innovative hybrid system, with the flexibility to scale power by adding additional units as needed. This modular approach delivers unparalleled flight durations and payload capacities within a compact airframe. Users can achieve fixed-wing endurance paired with the lift capacity, manoeuvrability and control of a copter, ensuring versatile and reliable performance for diverse applications.



HECTO DRONE HD-408

The Hecto Drone HD-408 is a state-of-the-art hybrid multirotor aircraft designed for demanding aerial applications. Equipped with a single generator and eight motors, the HD-408 ensures robust performance and operational redundancy. Capable of lifting 17kg for 30 minutes or 8kg for 3 hours, this versatile aircraft is suitable for a wide range of applications.



GENERAL FEATURES

- ◆ Robust carbon fibre frame
- ◆ Payload agnostic
- ◆ Folding arms
- ◆ Multiple radio options
- ◆ Rain and weather resistant
- ◆ Dual RTK GNSS
- ◆ Multi operator set up

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DIMENSIONS

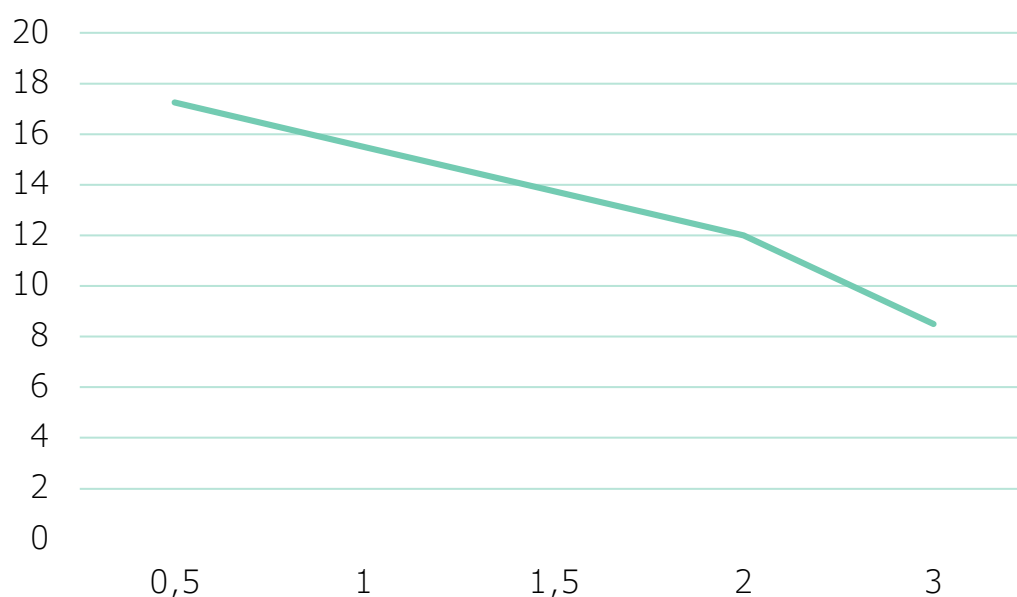
Width (mm)	1300
Diagonal (mm)	1770
Height of landing gear (mm)	150-500

WEIGHTS

Maximum Take off weight (kg)	49
Gross Payload (Kg)	19
Fuel Tank (L)	15
Maximum fuel (kg)	11.7

FLIGHT PERFORMANCE*

Net Payload (kg) vs Flight Time (hrs)



*provided as an estimate based on testing and a consumption of 3.5 kg per hour in ideal conditions

**test your flight time with your specific payload to be certain

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SYSTEM

Motors	8
Voltage (V)	48
Generator Continuous Power (W)	7000
Generator Time between overhauls (hours)	200
Battery capacity (Ah)	5
Battery only flight time at maximum payload (mins)	1.5

PAYLOADS

Payload Power (W)	480
Connector	Deutsch 4 pin
Payload fixing attachment	M6 bolt

FLIGHT CHARACTERISTICS

Maximum speed m/s – km/h – knts	15 – 54 – 29
Operating temperature (degrees C)	+40 to -20
Maximum wind speed (m/s)	10

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PAYLOAD MOUNTING

