

# xFold™ DragonH500

Medium-lift hybrid. Industrial-grade endurance.

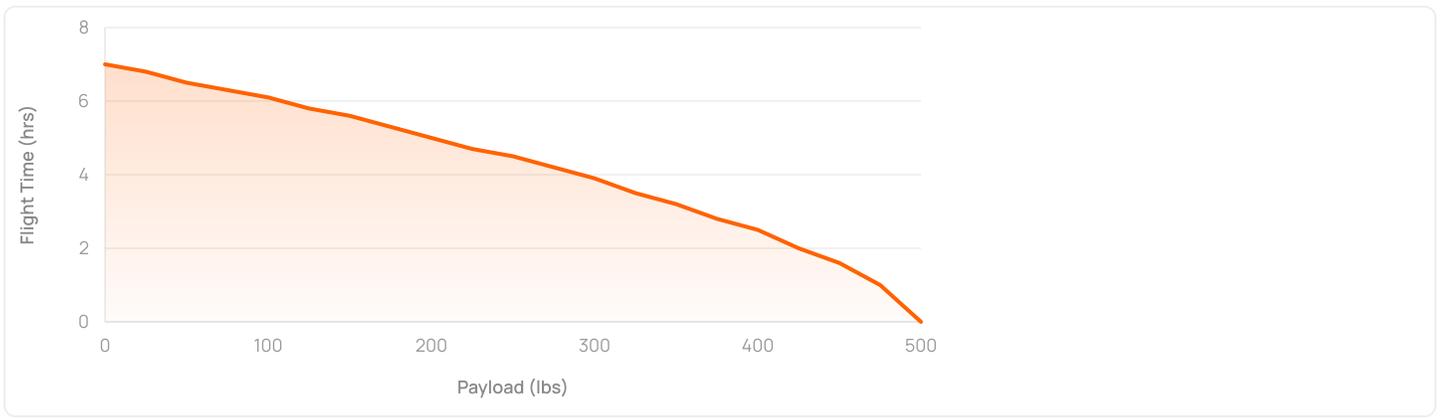
The xFold™ DragonH500 is a medium-lift hybrid VTOL designed for sustained industrial-scale operations. With 655 lb MTOW, up to 500 lb max payload (mission-dependent), and up to 7+ hours hybrid endurance (configuration-dependent), it bridges the gap between tactical drones and manned aircraft. The DragonH500 is purpose-built for heavy cargo logistics, emergency medical supply delivery, and forward operating base resupply where traditional manned aviation is impractical or too costly. Its hybrid gas-electric powertrain delivers the endurance needed for long-range point-to-point deliveries while maintaining the vertical takeoff and landing flexibility required for operations without prepared runways or landing zones. The platform's autonomous flight capability, powered by the xNav AI system, enables fully unmanned cargo operations across long-distance routes in both permissive and contested airspace. Payload and endurance vary based on configuration and mission profile.



## TECHNICAL SPECIFICATIONS

MTOW	655 lb
EMPTY WEIGHT	132.28 lb
HYBRID SYSTEM WEIGHT	110.23 lb
BATTERIES	2 x 14.33 lb = 28.66 lb
BURN RATE	20.0 L/hour
MAX PAYLOAD	Up to 500 lb (mission-dependent)
ENDURANCE (HYBRID)	Up to 7+ hours (configuration-dependent)

# Flight Time vs Payload MTOW 655 lbs



*Payload and endurance vary based on configuration and mission profile.*