



# Hylío AG-110 UAS Spec Sheet – Metric

Flight Parameters	
Total Weight (without batteries)	10.4 kg
Max Recommended Takeoff Weight	39.8 kg
Max Thrust	61.2 kg
Max Operating Speed	35 kph
Max Flight Speed	65 kph
Hover Time	50 min (at 15.1 kg TO weight)
	14 min (at 25.1 kg TO weight)
Propulsion System	
Motor KV	100 rpm/V
Foldable Propeller	30x9.0 in
Configuration	Quadcopter
Operating Voltage	12s
Battery	1 x 16000 mAh 12S (44.4V) LiPo Battery
	4.7 kg/battery
Aircraft Frame	
Wheelbase	130 cm
Material	Carbon Fiber, Aluminum, Plastic
Dimensions	117x117x61 cm (arms unfolded)
	58x58x51 cm (arms folded)
Spray System	
Standard Payload	10 kg, 10 L
Standard Configuration	1 Pump, 1 Tank, 1 Flowmeter, 4 nozzles on 2 m boom; <i>Dual-pump available</i>
Nozzle	Nozzle body compatible with any Teejet spray tip
Pump	Diaphragm Pump, 4.5 Bar
Flow Rate (no nozzle max)	0.2 – 4.2 L/min in single-pump config; 0.4 – 8.4 L/min in dual-pump config
Flow Rate (with recommended nozzle TT11001)	2.5 L/min in single-pump config; 4.3 L/min in dual-pump config
Spray Width	4.6 – 7.6 m
Flight Control	
Flight Modes	Fully autonomous (no RC), position hold manual (with RC), Fully manual GPS denied (with RC)
Operating Frequencies	902 – 928 MHz, 2.4 GHz
Ground Station Control Software	Hylío Agrosol
Max Transmission Range	~2 kilometers (10+ unobstructed)