



# Hylío AG-116 Spec Sheet - Metric

Flight Parameters	
Total Weight (without batteries)	17.7 kg
Max Recommended Takeoff Weight	47.6 kg
Max Thrust	91.7 kg
Max Operating Speed	40 kph
Propulsion System	
Motor KV	100 rpm/V
Foldable Propeller	30x9.0 in
Configuration	Hexacopter - X
Operating Voltage	12s
Battery	1 x 22000 mAh 12S (44.4V) LiPo Battery
	6.1 kg/battery
Aircraft Frame	
Wheelbase	170 cm
Material	Carbon Fiber, Aluminum, Plastic
Dimensions	170x150x61 cm (arms unfolded, no propellers)
	89x107x61 cm (arms folded, no propellers)
Spray System	
Standard Payload	16 kg, 16 Liter
Configuration	1 Pumps, 1 Tank, 1 Flowmeter, 4 nozzle pairs mounted under rotors
Nozzle	Nozzle body compatible with any Teejet nozzle tip
Pump	Diaphragm Pump, 5 Bar+
Flow Rate (no nozzle max)	0.2 – 8.0 L/min
Flow Rate (with recommended nozzle AMTGST015)	3.8 L/min
Spray Width	Up to 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)