

Technical Details

Wingcopter 178 Heavy Lift



WINGCOPTER

External dimensions WINGCOPTER:

178 cm x 132 cm x 52 cm

External dimensions transportation Box:

103 cm x 87 cm x 57 cm

Flight time:

up to 120 minutes (fixed-wing mode)

Speed (multicopter mode):

min. 0 km/h; max. 50 km/h

Speed (fixed-wing mode):

min. 47 km/h; max 150 km/h

Range:

up to 120 km (fixed-wing mode) depending on payload and mission equipment

Rate of climb:

up to 6 m/s (fixed-wing mode)

Payload:

up to 6 kg

Wind resistance:

15 m/s

Maximum take-off mass (MTOM):

18 kg (including payload and batteries)

Construction:

Composite (fiberglass and carbon fiber)

Drive:

electric

Flight modes:

manual control or autonomous mission mode with automatic take-off and landing

Ground Control:

Tablet / PC + Software + multiple telemetry and RC-links (2,4GHz, 868x / 900x MHz, LTE Iridium, and customized solutions)

