



Specifications	
General specifications	
Total weight (W/A batteries)	12.4 kg
Max. take-off weight	29 kg
Dimensions	1460 x 1020 x 610 [mm]
Max. hovering time	26 min (18 kg) 12.5min (29 kg)
GPS	GPS, GLONASS, Galileo, BEIDU
Hovering precision	±10 cm (RTK) ±2m (without RTK)
Rotor dimensions	30 x 9
Motor dimensions	81 x 20 mm
Motor KV value	100 KV
Battery capacity	16000 mAh
Battery voltage	44.4V
Battery weight	4.7 kg
Spraying	
Per Hectare Performance	10 ha/h
Spraying system	CDA
Number of Nozzles	2
Droplet size	40 - 1000 µm
Adjustable droplet size	✓
Drift	LOW risk
Adjustable working width	1.5 - 6 m
Spot spraying	✓
Pump type	Membrane
Maximum flow	5L/min
Pump operating voltage	48V
Execution of work	
Technology developed for European Agricultural conditions	✓
IP protection	IP54
Easy transportability	✓
Modular payload attachability	✓
Obstacle avoidance	RTK-based
FPV camera	Front - rear
Battery charging time	~11 min
Effective signal range of RC	~8 km
Altitude measurement	LIDAR
Flight planning	
Software source code	Open
Flight plan creation on a pc	✓
Handling of SHP and KML files	SHP and KML
Software compatibility	✓
Downward facing camera for obstacle selection	✓
RTK base in the package	✓
Data security	✓
No data transmission to remote servers	✓
Flight	
Max. pitch angle	30°
Max. operating flight speed	7 m/s
Max. level speed	24 m/s
Max. flight altitude	120 m
Max. tolerable wind speed	10 m/s