Specifications of L30 V2	
General specifications	
Total weight (W/O batteries)	32 kg
Max. take-off weight	70 kg
Dimensions (arms & propellers unfolded)	2435 x 2541 x 752 [mm]
Dimensions (arms unfolded, propellers folded)	1520 x 1600 x 752 [mm]
Dimensions (arms and propellers folded)	979 x 683 x 752 [mm]
Max. hovering time	Unloaded: 17.5 min, Loaded: 9 min
GPS	GPS, GLONASS, Galileo, BeiDou
Hovering precision	±10 cm (RTK) ±2m (without RTK)
Heading	Dual-RTK
Rotor dimensions	43 x 14
Battery type	Li-Po Smart
Battery capacity	30000 mAh
Battery voltage	51.8V
Battery weight	9.88 kg
Battery charging time	min. 15 minutes
Battery charger	2 x 4 ports
Battery charger power	2 x 3000 W
CDA Spraying System	
Maximum per Hectare Performance	21 ha/h
CDA technology	Rotating disc
Spraying advantage	Low pressure and low drift
Number of Nozzles	2
Adjustable droplet size	50 – 1000 µm

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Adjustable working width	5 -10 m
Pump type	Impeller
Maximum flow	16L/min
Spreading system compatibility	
Seeder & Spreader	50 L
Execution of work	
Technology developed for European Agricultural conditions	
Intrusion protection	Limited water and dust resistance
Easy transportability	
Modular payload attachability	
Obstacle detection and collision avoidance	**3D, LiDAR based (ABZ sense)**
FPV camera	Wide angle, vertically adjustable (0-180°)
Camera resolution	FHD
Effective signal range of RC	~8 km
Altitude measurement	LIDAR
Flight planning	
Software source code	Open
Spot spraying	
Area and polyline shapefile import	
Software compatibility	Multiple
Downward facing camera for obstacle selection	
RTK base	Optional Emlid RS mobile base station

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Data security	
No data transmission to remote servers	
Frequency bands	
Radio Control and Telemetry	2.4 GHz
WLAN	2.4 GHz
Flight	
Max. pitch angle	25°
Max. operating flight speed	8 m/s
Max. level speed	15 m/s
Max. flight altitude (AMSL)	4500 m
Max. flight altitude (AGL)	120 m
Max. tolerable wind speed	10 m/s

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