

<b>Specifications of L30</b>	
<b>General specifications</b>	
Total weight (W/O batteries)	29 kg
Max. take-off weight	70 kg
Dimensions unfolded	2435 x 2541 x 752 [mm]
Dimensions 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)
Rotor dimensions	43 x 14
Battery type	Li-Po Smart
Battery capacity	25000 mAh
Battery voltage	51.8V
Battery weight	9.4 kg
Battery charging time	min. 15 minutes
Battery charger	4 ports (2 balance)
Battery charger power	3000 W
<b>CDA Spraying System</b>	
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	40 – 1000 µm
Adjustable working width	4 -10 m
Spot spraying	✓

Area shapefiles import	✓
Line shapefiles import	✓
Pump type	Turbine
Maximum flow	16L/min
<b>Spreading system compatibility</b>	
Seeder & Spreader	50 L
<b>Execution of work</b>	
Technology developed for European Agricultural conditions	✓
Intrusion protection	Limited water and dust resistance
Easy transportability	✓
Modular payload attachability	✓
Obstacle avoidance	According to pregenerated shapefiles
FPV camera	Wide angle, vertically adjustable (0-180°)
Camera resolution	FHD
Effective signal range of RC	~8 km
Altitude measurement	LIDAR
<b>Flight planning</b>	
Software source code	Open
Flight plan creation on a PC	✓
Area SHP and line SHP files	✓
Software compatibility	Multiple
Downward facing camera for obstacle selection	✓
RTK base	Optional Emlid RS mobile base station

Data security	✓
No data transmission to remote servers	✓
<b>Frequency bands</b>	
<b>GNSS receiver</b>	<b>1.58GHz</b>
<b>Radio Control and Telemetry</b>	<b>2.4GHz</b>
<b>WLAN</b>	<b>5GHz</b>
<b>Flight</b>	
Max. pitch angle	25°
Max. operating flight speed	7 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