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SELF-PROPELLED SPRAYING ROBOT-175L

Product Description

This device is commonly used in complex terrains such as orchards, greenhouses, and hilly areas. It is equipped with a 175L chemical tank and a precision atomization system. With micron-level mist particles in the millions, it achieves 360° leaf coverage, increasing pesticide adhesion by 50%! Utilizing a rotating fan, the spray can reach up to 6 meters on a single side, easily covering the tops of tree canopies. Compared to traditional boom sprayers, the uniformity is visibly improved. Its all-terrain tracked chassis has been tested to move steadily across muddy, sloped, and sandy terrains.

Product Features

- ✓ Remote Control Operation
- ✓ Track Design
- ✓ Highly Efficient & Labor-Saving
- ✓ Reduced Pesticide Use & Consumption
- ✓ Uniform Atomization
- ✓ Wide Coverage
- ✓ Precise Spraying
- ✓ Enhanced Efficacy



Product parameters

Item Name		Unit	Details
Main Unit	Product Name	/	Remote-Controlled Self-Propelled Sprayer
	Structural Type	/	Self-propelled
	Dimensions	mm	1300*1010* 1100
	Weight	kg	248
	Horizontal Spray Range	mm	12000 (full width)
	Working Pressure	MPa	5
	Drive Mode	/	Crawler drive
	Steering Mode	/	Differential steering
	Minimum Ground Clearance	mm	170
	Belt Width	mm	150
	Belt Pitch	mm	60
	Number of Belt Teeth	/	37
Generator or Electric Motor	Motor Type	/	Permanent Magnet Brushless DC Motor
	Operating Voltage	V	48
Chemical Tank	Capacity	L	175
	Material	/	HDPE (High-Density Polyethylene)
Fan Assembly	Impeller Material	/	Nylon
	Rated Fan Speed	r/min	2000
	Impeller Diameter	mm	500
	Spray Boom Material	/	304 Stainless Steel
	Max Working Pressure (Spray Boom)	MPa	7
	Pressure Hose Material	/	PVC
	Max Working Pressure (Pressure Hose)	MPa	7
Pump / Motor Pump	Structural Type	/	Direct Drive
	Rated Pressure	MPa	5
	Rated Flow Rate	L/min	27
Charger	Charging Current	A	20
	Input/Output Voltage	V	54.6
Battery	Type	/	Lithium Iron Phosphate (LiFePO ₄)
	Nominal Voltage	V	48
	Capacity Ah	Ah	42