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Self-Propelled Spray Boom Sprayer

Product Description

The self-propelled boom sprayer is a versatile agricultural management powerhouse that combines high-efficiency spraying with flexible configuration. Featuring an advanced self-arm design, it can be quickly equipped with a fertilizer spreader to become an all-purpose fieldwork assistant, or easily detach its spray tank to adapt for rice seedling transportation in paddy fields—achieving true multi-functionality in one machine.

This equipment offers precise coverage across various field conditions, whether in paddy fields or drylands. It excels in pest and disease control for crops such as wheat, rice, corn, and soybeans, and is equally effective in the care and maintenance of orchards and other economic crops.

The machine integrates a high-quality power transmission system, a modular spraying unit, and an intelligent hydraulic walking system. Coupled with cutting-edge technology from agricultural pesticide spraying robot suppliers, it stands as a comprehensive solution for modern farm management.



Performance Characteristics

- ◆ Four-wheel drive for smooth operation in all terrains
- ◆ High ground clearance, advantageous for high-stalk crop operations

- ◆Narrow wheel design for worry-free navigation in narrow rows
- ◆Articulated steering for flexible crop protection
- ◆Gear pump spraying for stable pressure and high quality
- ◆Hydraulic-controlled spray boom for ease of operatio

Application Scenarios

Project name		Unit	Details
complete machine	Type	/	self-propelled
	Spray boom-lifting mechanism type	/	Hydraulic lifting
	Spray working pressure	MPa	0.3-0.5
Supporting power	Name, structure type	/	Four-cylinder water-cooled four-stroke National IV diesel
spray pump	Rated speed	r/min	600
medicine chest	Mixing method of medicinal solution	/	Reflux stirring
Hydraulic pump	Rated speed	r/min	2000
travel	Drive type	/	four wheel drive
	Steering type	/	four wheel steering
	Braking type	/	Hoof style
	Clutch type	/	Dry single piece constant engagement friction type
battery	capacity	Ah	80
	type	/	Maintenance-free lead-acid/battery