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Tracked Air-Assisted Sprayer

Product Description

A multifunctional operation device designed for agricultural, forestry, and animal husbandry applications such as chemical weeding, foliar fertilization, and pest and disease control. It supports remote control operation, ensuring personnel safety by keeping them away from chemical exposure. The equipment is equipped with adjustable nozzles, delivering excellent spraying performance. The air-assisted spraying system provides wide coverage, and the crawler-type design adapts to various complex terrains (including mountainous, sloped, and sandy areas) with stepless speed adjustment for flexible and convenient operation.

An innovative, rear-mounted mowing module allows simultaneous vegetation trimming and precise chemical spraying, improving operational efficiency by 60% compared to single-function equipment. The adjustable chassis height easily handles variable terrains.



Product Features

① High-Efficiency Spraying System:

Air-assisted atomization delivers fine and uniform droplets, effectively improving chemical adhesion while reducing drift and waste.

② Precision Nozzle Control:

Independent nozzle on/off control; adjustable spray angle and spray volume to meet different crop and application requirements.

3 Stable Driving System:

Extended crawler track design with low ground pressure and excellent anti-slip performance, suitable for soft and wet ground conditions.

4 Full Remote Control Operation:

Supports stepless speed control and zero-turn steering with automatic braking; remote control range exceeds 200 meters.

5 Modular Operation Capability:

Spraying and mowing modules adopt a modular design, supporting quick replacement and functional expansion for multi-purpose operation.

6 RTK Expansion Support:

Optional high-precision RTK positioning system available to support path planning and precision operations.

Product Parameters

Item Name	Unit	Details
Dimensions	mm	1850*1060*1000
Tank Capacity	L	280L
Horizontal Range / Spray Width	mm	12000 (Full Machine Spray Width)
Total Weight	kg	380
Structure Type	/	Self-Propelled
Working Pressure	MPa	2.5
Travel Speed	m/min	0-70
Power Supply Voltage	V	48
Drive Type	/	Tracked Drive
Steering Type	/	Differential Steering
Fan Speed	r/min	3000
Fan Power	kW	1
Walking Power	kW *qty	1.5*2
Water Pump Power	kW	1.1

Minimum Ground Clearance	mm	180
Track Width	mm	150
Track Pitch	mm	72
Number of Track Links	/	37
Battery Type	/	Lithium Iron Phosphate
Battery Nominal Voltage	V	48
Battery Capacity	Ah	20