

SPRAYERS

400L Remote-Controlled Air-Blown Tracked Sprayer

Model 400L

Technical Specifications & Product Selection

**8.1 kW**

Engine rated power

400L

Spray tank capacity

Product code: RYKDYJ400L

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Tank, pump and spray quantities

Tank capacity, pump flow and pressure, air delivery, range and machine speed describe different characteristics. A tank size is not a guaranteed field capacity or runtime. Only expressly stated fluid, terrain and power compatibility applies.

Start with the complete specifications on page 3. Review the actual configuration and supported options, then compare the product with the intended application.



CORE PRODUCT DATA

Technical specifications

400L Remote-Controlled Air-Blown Tracked Sprayer / Model 400L

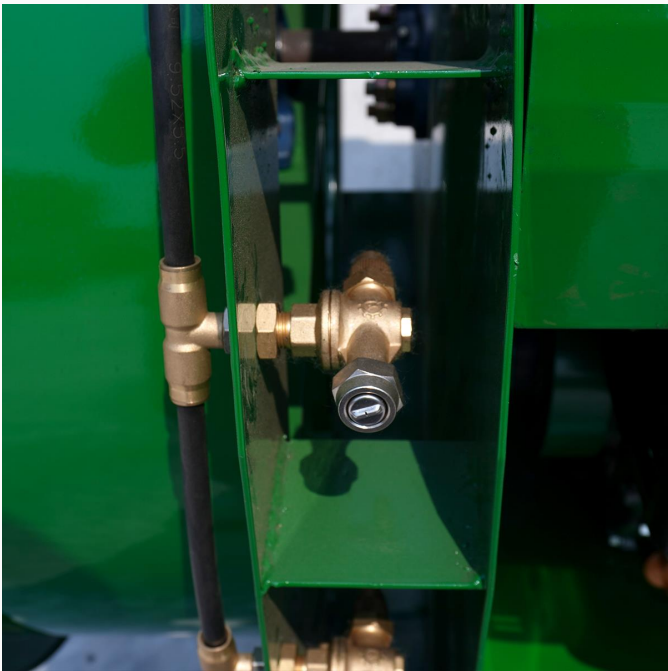
Specification	Product data
Model	400L
Engine	Loncin 420F
Engine rated power	8.1 kW
Engine rated speed	3600 r/min
Travel drive	Brushless motor drive
Drive motor	48V1200 W x 2
Battery specifications	48V65A battery extended travel
Range-extender generator	5kw extended range generator
Number of nozzles	12 pieces
Spray Radius	8-10m
Spray tank capacity	400L
Spray pump	60 type three plunger pump



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Structure & configuration

Component / configuration	Function / scope
Refill sealing cap	Seal the medicine box opening.
Sealing ring assembly	Enhances sealing performance to prevent leakage of the medicinal solution.
Medication solution storage tank	Stores the spray solution to ensure continuous spraying operations.
Fan housing assembly	Fixes the fan structure, guides airflow, and protects the internal components.
Axial fan blade assembly	Generates a powerful airflow to enhance spray coverage.
Front protective mesh cover	Prevent foreign objects from being drawn in and ensure the safe operation of the fan.
Component groups	High-Pressure Pump Assembly.



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Application & product selection



Fine spray protects nursery plants across organized beds.; Air-assisted spray reaches vines along narrow vineyard rows.; Wind-assisted mist covers apple trees along orchard rows.; Tracked sprayer applies even mist across citrus grove lanes..

Selection input	Review together
Application and liquid	Actual crop/site and proposed liquid against the stated sprayer purpose.
Spray and power version	Specified tank, pump, fan/nozzles, engine or electrical configuration.
Access and controls	Machine envelope and expressly stated travel, slope and control arrangement.

Ordered configuration

Retain the exact model, specification option and included accessory scope in the written order.
Application photographs illustrate context, not inclusion of adjacent items.



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Product views

Grouped views identify the product form and its application setting.



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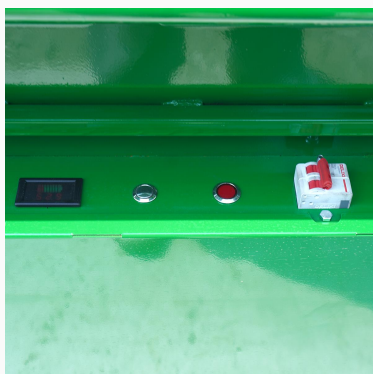
Components & interfaces

Grouped detail views identify the fitted components and interfaces.

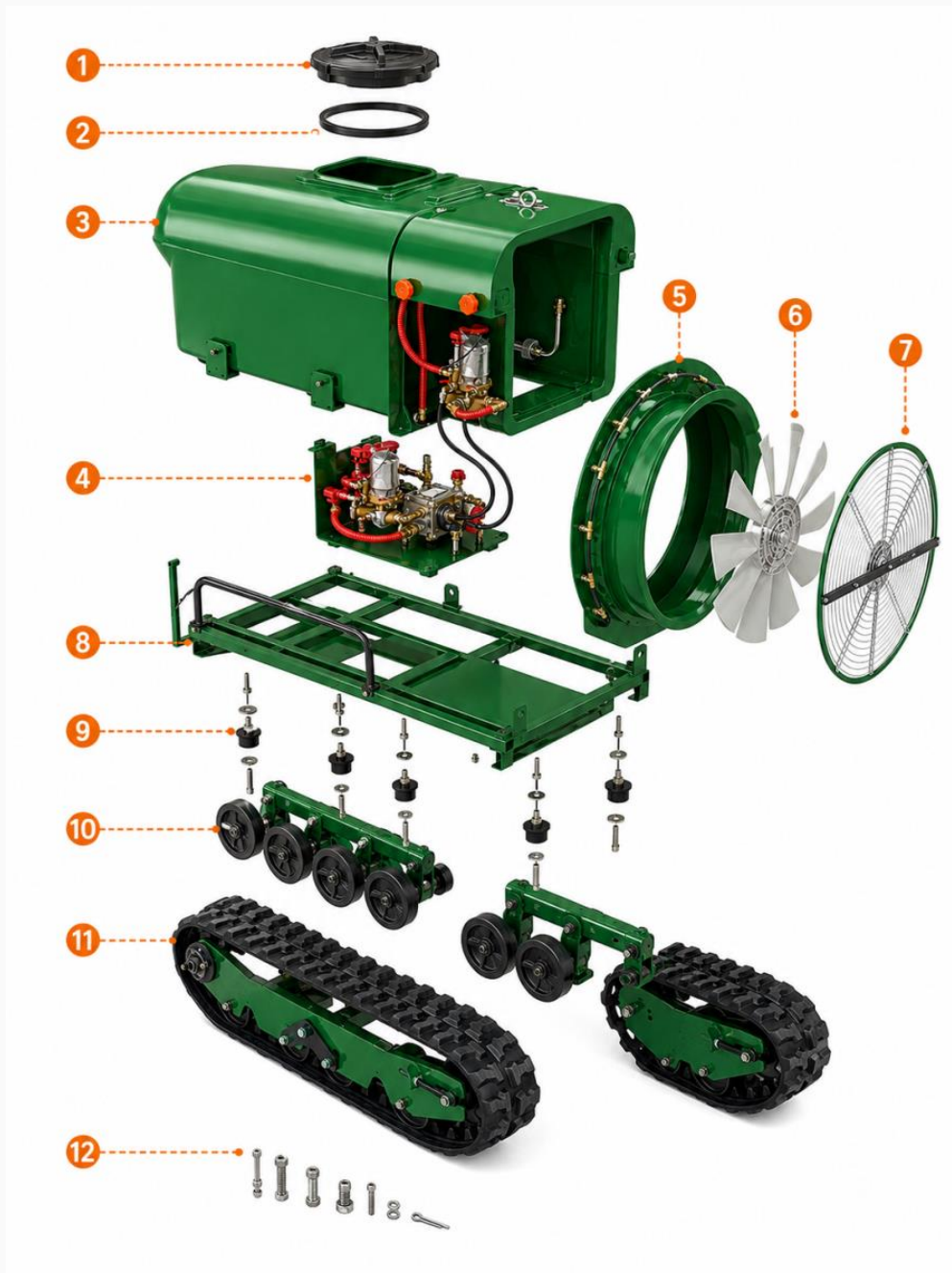


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Components & interfaces



Structural decomposition



Assembly relationships

The separated view identifies the product groups and their arrangement. Match the illustrated groups to the exact model and ordered configuration. This is a structural overview, not a dismantling or repair procedure.