ANTOBOT



ANTOBOT

Antobot Protect™

Autonomous, Agile, Accurate

Non-chemical solution for fungal diseases

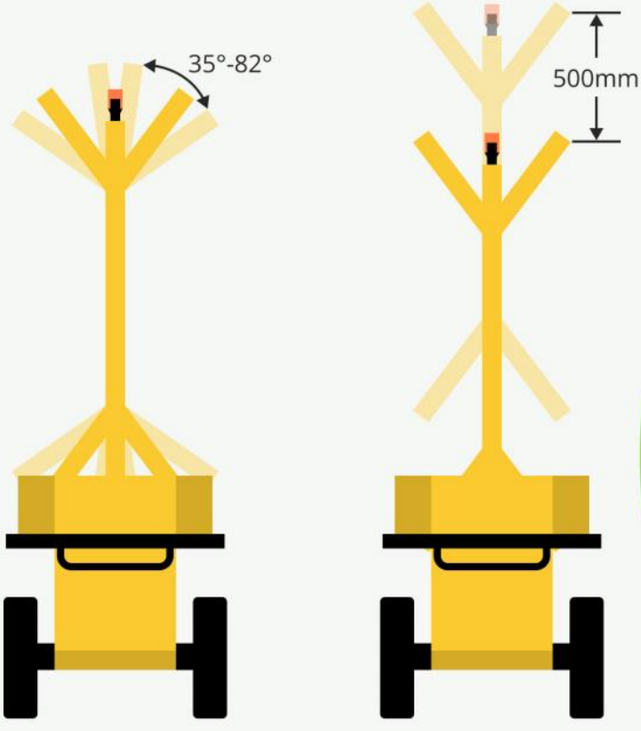
Selected strawberry deployments achieved up to **95% powdery mildew control**, with growers reporting up to **30% yield increases** and up to **90% fewer fungicide applications**.



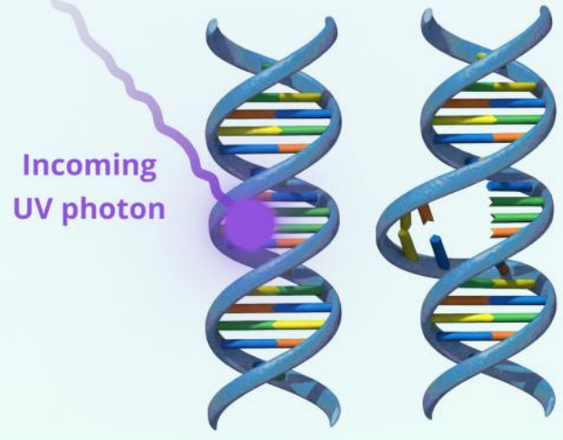
U303

For crops in horticulture

Able to travel within tabletop rows as narrow as 80cm



How Does UV-C Work?



After UV-C treatment fungi will die or lose infectivity.

Parameter	Value	Parameter	Value
Dimensions (L×W×H)	1350×633× (1,300-1,800)mm	Tyres	13 x 4.30 - 8 (tubeless)
Weight	170 kg	Operation time (Full battery)	2.5 h
Battery	48 V-80 Ah (54.5 V charge cut-off)	Connectivity	Wi-Fi, 4G, GNSS
Steering type	Skid steering	Operation modes	Manual/Semi-autonomous/ Fully autonomous
		Angle of approach/ departure	25°

ANTOBOT

U502

For ground cultivation system

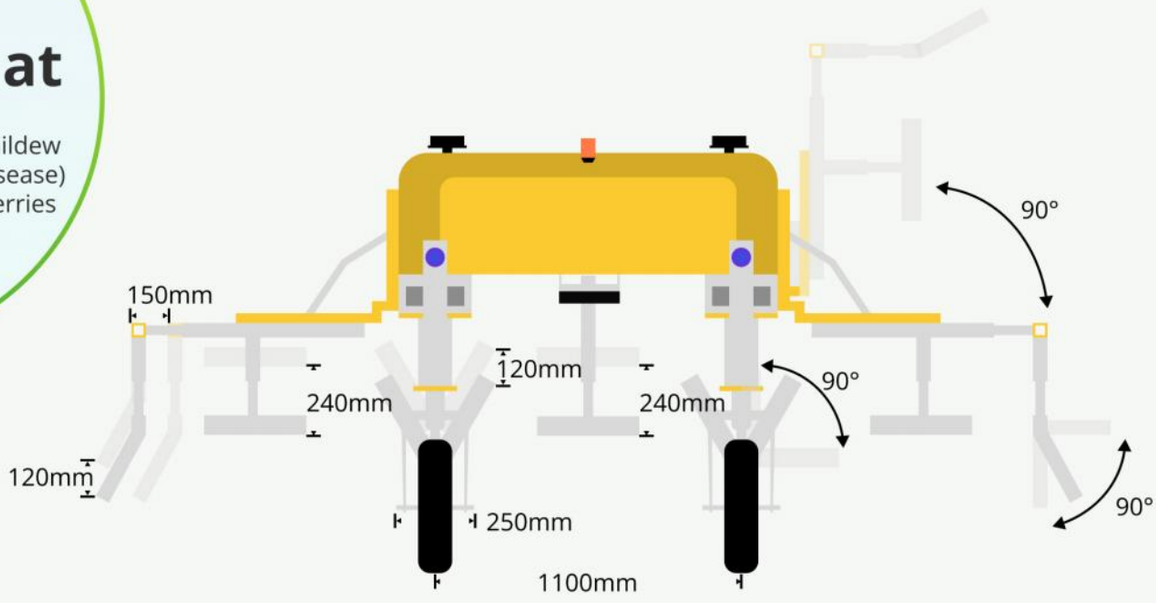
High efficiency, spanning three rows in a single pass





Aim at

Powdery mildew (a fungal disease) on strawberries



Parameter	Value	Parameter	Value
Dimensions (L×W×H)	1800×3550×1665 mm	Tyres	4.00 - 10 (tubeless)
Weight	500 kg	Operation time (Full battery)	2.5 h
Battery	48 V-80 Ah (54.5 V charge cut-off)	Connectivity	Wi-Fi, 4G, GNSS
Driving type	4-Wheel Driving 4-Wheel Steering	Operation modes	Manual/Semi-autonomous/ Fully autonomous

ANTOBOT

Antobot Assist™

One Platform Multiple Jobs Endless Potential

Flexible autonomous mobile platform



A302

For general ground surfaces

Harvest Logistics

Antobot's dedicated harvest mode supports picking teams by autonomously moving harvested fruit from the field to collection, cooling or packing areas.

General Farm Logistics

Antobot supports a wide range of day-to-day transport tasks, moving materials, equipment and supplies around the farm wherever they are needed.









Parameter	Value	Parameter	Value
Dimensions (L×W×H)	1650×633×1150 mm	Tyres	13 x 4.30 - 8 (tubeless)
Weight	120 kg	Operation time (Full battery)	6-8 h
Battery	48V-80 Ah (54.5 V charge cut-off)	Connectivity	Wi-Fi, 4G/5G, GNSS
Steering type	Skid steering	Operation modes	Manual/Semi-autonomous/ Fully autonomous
Payload	180 kg	Angle of approach/ departure	25°

ANTOBOT

A403

For rough and uneven terrain

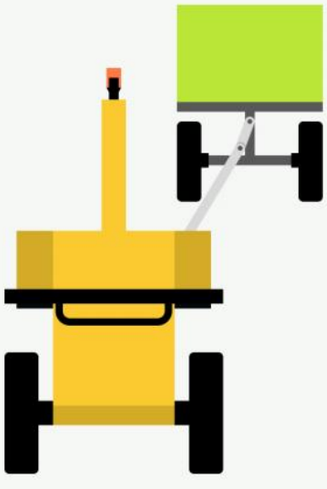




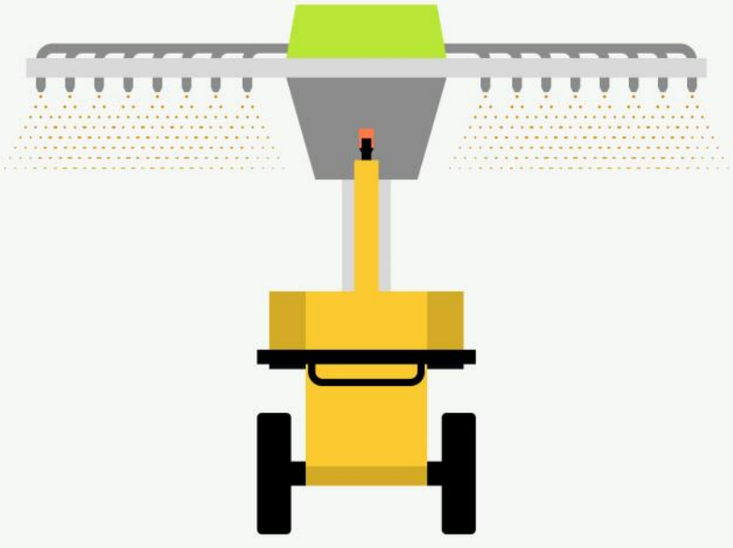
Width Adjustable
up to 800mm

Length Adjustable
up to 1400mm

More Functions ...



Serves as power source for towing flatbed trolleys.



- Biological & IPM Applications
- Pollination support
- Precision Spraying
- Foliar feed application
- Nutrient treatments

Parameter	Value	Parameter	Value
Dimensions (L×W×H)	1350×653×1200 mm	Tyres	120 mm Caterpillar
Weight	220 kg	Operation time (Full battery)	4-6 h
Battery	48 V-80 Ah (54.5V charge cut-off)	Connectivity	Wi-Fi, 4G/5G, GNSS
Steering type	Skid steering	Operation modes	Manual/Semi-autonomous/ Fully autonomous
Payload	300 kg	Angle of approach/ departure	30°

ANTOBOT

For rail system in glasshouse

Antobot Assist™

A701

Transforming the glasshouse rail system into an automated logistics network for efficient material and crop transport.



Total height: 800mm



Total height: 1820mm

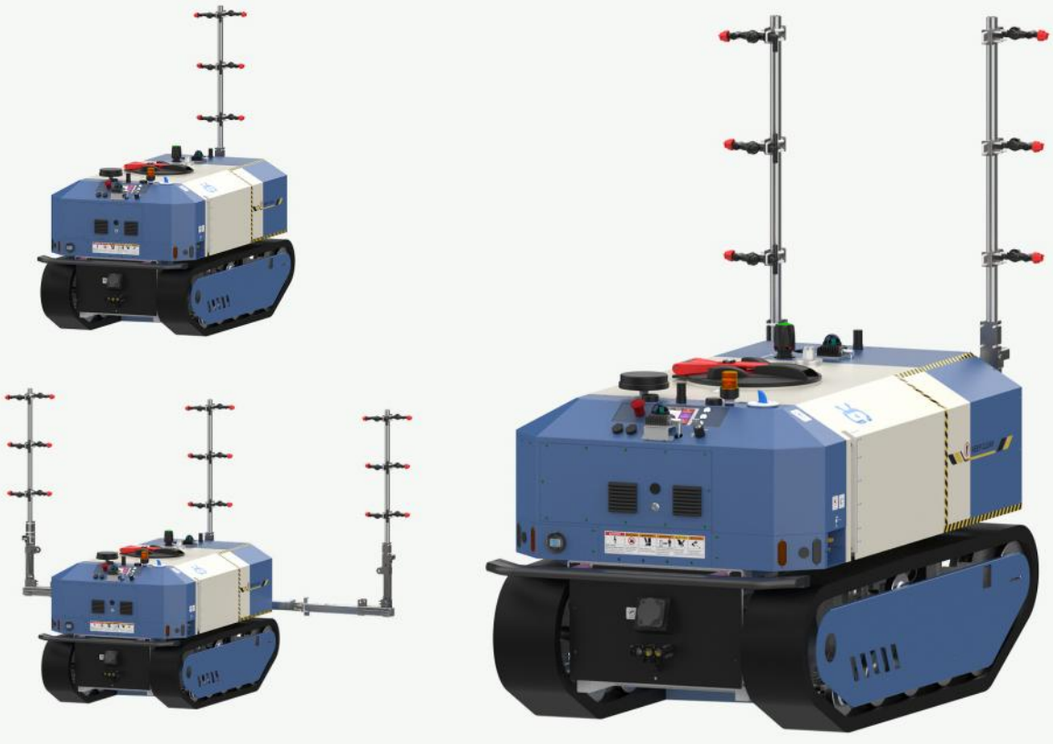
Antobot Protect™

U701

Combining precision UV-C treatment with intelligent rail navigation, the robot enables autonomous track switching in smart glasshouses while supporting healthier crops and higher yields.

Parameter	Value	Parameter	Value
Dimensions-Platform (L×W×H)	1600×740×450 mm	Navigation modes	Laser SLAM/Automatic visual track switching
Weight	150kg-A701 250kg-U701	Operation time (Full battery)	8h-A701 2.5h-U701
Battery	48V-80Ah (54.5V charge cut-off)	Connectivity	Wi-Fi, 4G/5G, GNSS
Navigation accuracy	±10mm	Operation modes	Manual/Semi-autonomous/ Fully autonomous

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Antobot Spray™

S401

For rough and uneven terrain

For berry fruits such as strawberries, blueberries, raspberries, and vineyard





Parameter	Value	Parameter	Value
Dimensions (L×W×H)	1800×1400×1800 mm	Spray Rate	max. 33 L/min
Weight	550 kg	Operation time (Full battery)	4-6 h
Battery	48V-230 Ah	Connectivity	Wi-Fi, 4G/5G, GNSS
Ground Clearance	98 mm	Operation modes	Semi-autonomous/ Fully autonomous
Tank Capacity	300 L	Angle of approach/ departure	25°/30°

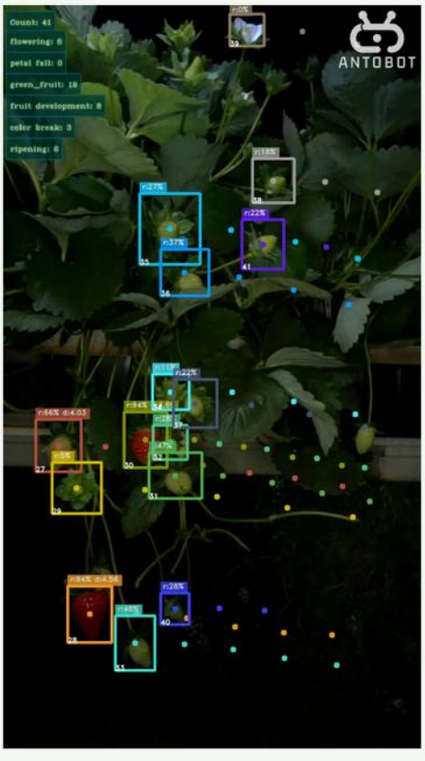
Antobot Insight™

IN101

For all
Antobot robots

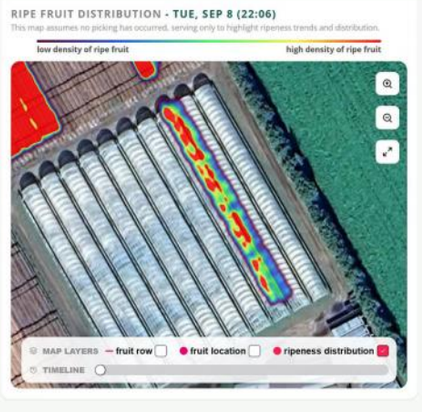
See more.
Know more.

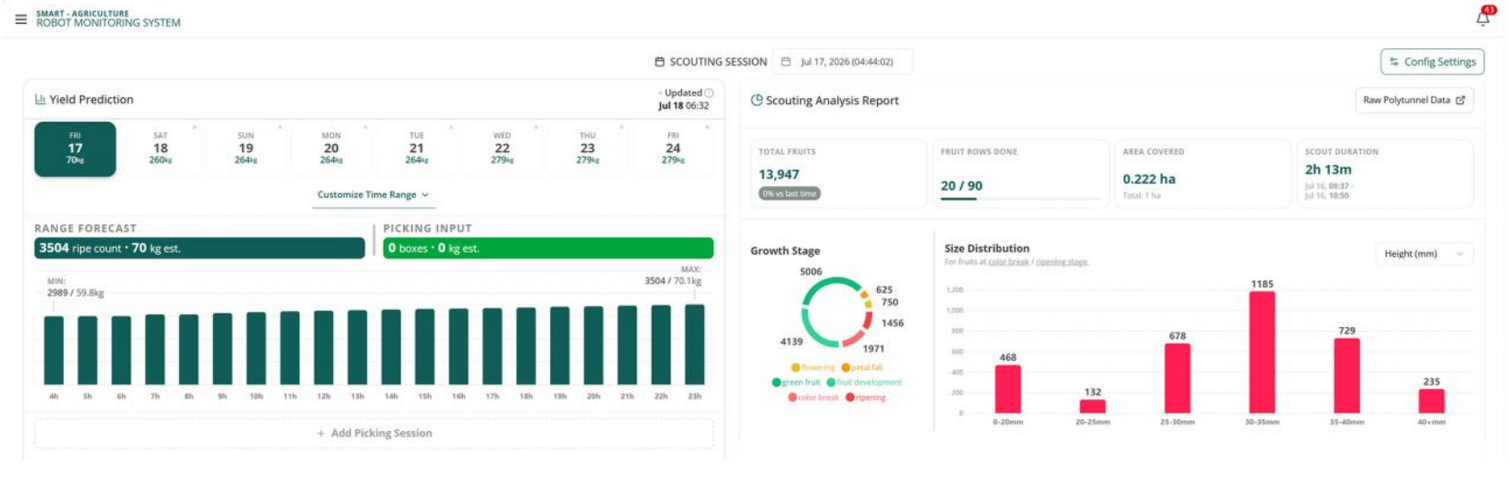




Examples

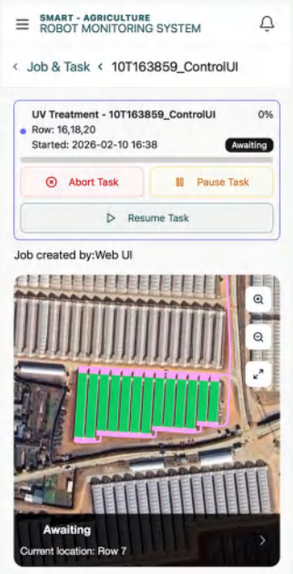
- Crop scouting
- Yield estimation and forecasting
- Environmental monitoring
- Pest and disease detection
- Crop performance analysis
- Canopy and plant health assessment
- Field and polytunnel mapping
- Digital record collection and reporting
- Precision agriculture data gathering
- Third-party sensing and monitoring technologies



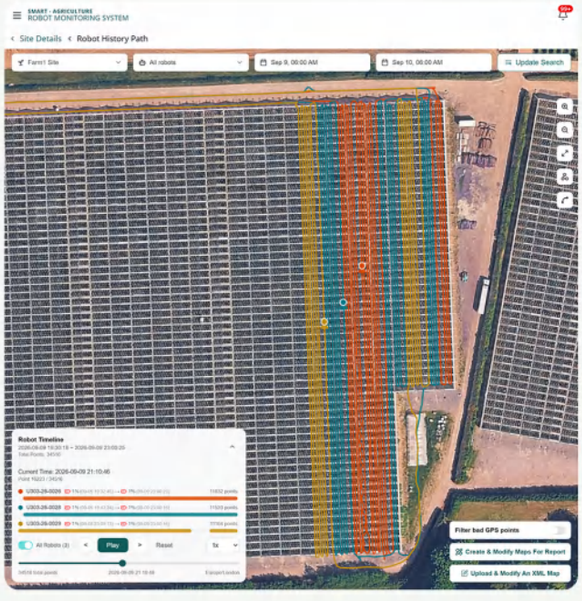


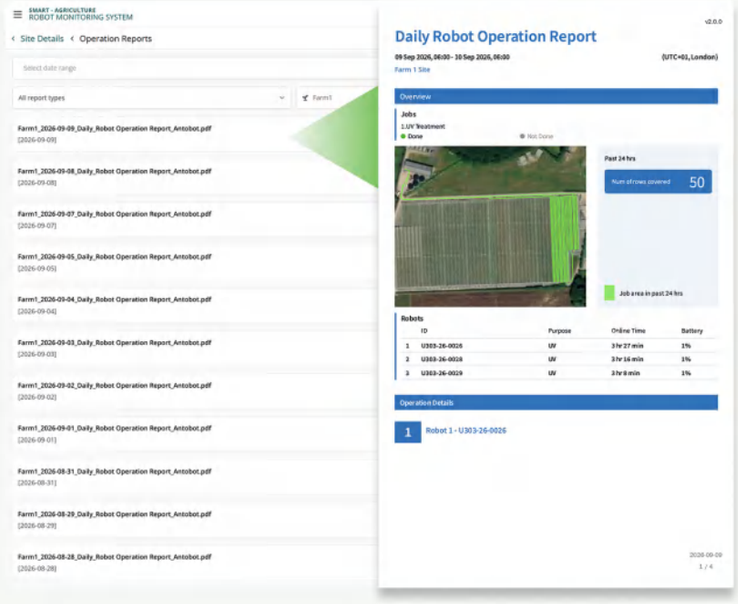
Check and control in real time





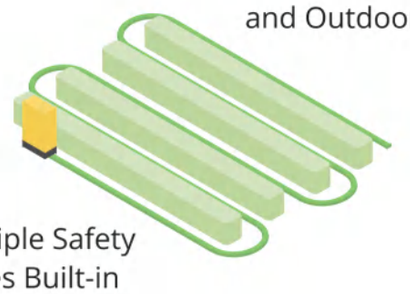
Operation history and reports



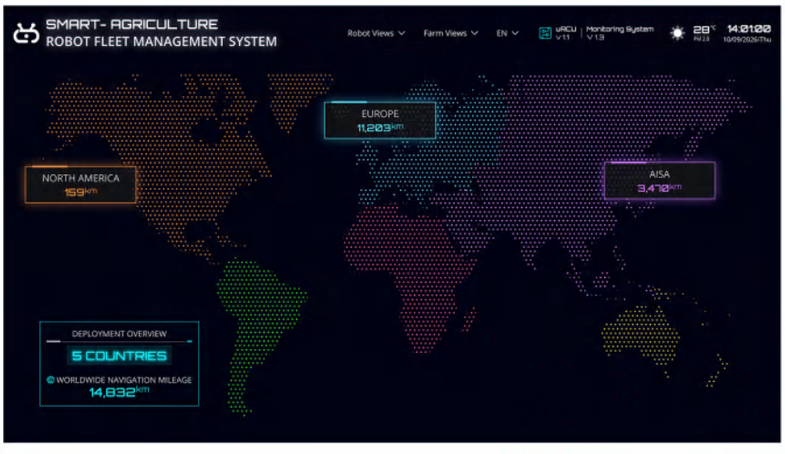


Autonomous Navigation

Indoors
and Outdoors



With Triple Safety
Features Built-in



ANTOBOT

Align with

UN Sustainable Development Goals



source: https://sdgs.un.org/goals

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hello@antobot.ai