



Meet the Amiga Flex WEED-IT



The Amiga Flex with WEED-IT combines autonomous navigation with precision spot spraying to help vineyards reduce labor, lower herbicide use, and improve operational efficiency.

Built for modern vineyard operations, it automates repetitive weed control while protecting workers, reducing chemical inputs, and supporting more sustainable farming practices.

Maximize the Labor You Have

Free your crew from repetitive manual weeding so they can focus on higher-value vineyard work.

Built for Vineyard Terrain

Lightweight autonomous platform designed for narrow rows, sloped terrain, and sensitive vineyard environments.

Reduce Chemical Costs

Targeted spot spraying reduces herbicide use by up to 90% while maintaining effective weed control.

Improve Vineyard Efficiency

Fewer passes, consistent weed suppression, and reduced soil disturbance improve overall vineyard performance.

Adaptable By Design | Customizable Operations



Configurable sizing for diverse crops and terrains



Autonomous navigation with obstacle detection



Compact for hoop houses and greenhouses



Weather-resistant for all farming conditions



Modular 3-point hitch for seamless tool attachment



Easy to transport with truck or trailer

Amiga Flex WEED-IT

Build Smarter Weed Control

The Amiga Flex platform paired with WEED-IT transforms weed management through autonomous precision spraying—helping vineyards expand operations without expanding crews.



Expand Acres, Not Your Crew

Labor shortages shouldn't limit growth. Let automation handle repetitive weed control.

Precision Spot Spraying

Detect and spray individual weeds instead of blanket applications, reducing chemical use by up to 90%.

Reduce Operating Costs

Lower labor requirements, reduce herbicide expenses, and minimize repeated field passes.

Sustainable Vineyard Operation

Support low-chemical practices while improving worker safety and environmental stewardship.

Bonsai Intelligence

Our connected platform enables affordable, scalable autonomy that enhances productivity, safety, and operational efficiency.



Bonsai Autonomy is our vision-based, embodied AI that enables machines to perceive and act independently.



Bonsai Pilot is our cloud-based workspace that unifies people, equipment, and jobs.

Technical Specs

Weight: 136 – 181 kg / 300 – 400 lb

Payload Capacity: Up to 360 kg / 800 lb

Lift Capacity: Up to 315 kg / 700 lb / requires 3-point system

Towing Capacity: Up to 725 kg / 1,600 lb / requires ball hitch

Dimensions: Configurable range 40" x 48" to 72" x 72"

Protection: IP65+

Power: 4 x 250 W hub motors (rated) / 4 x 500 W (peak) 1.3 HP (rated) / 2.6 HP (peak)

Speed Range: Up to 5 mph (8 km/h)

Runtime: 2 – 8 hours (per battery configuration and load)

Battery: 1.44 kWh expandable 48 V lithium pack (swappable/off-board charging)

Safety: Bump stops, beacon, and brake

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