

Increase productivity with harvest assist

Designed to work alongside your crew in vineyards, berries and other harvest assist applications, producing up to 40% increase in productivity across 4-10 people using one Burro.



CONVENTIONAL
\$150/day per laborer

WITH BURRO
Up to 40% harvest gains
(Up to \$400 offset in labor/day)



Autonomously tow trailers in nurseries.

Increase workforce flexibility by autonomously towing carts on regular routes. Replace conveyor belts and infrastructure for rapid ROI.



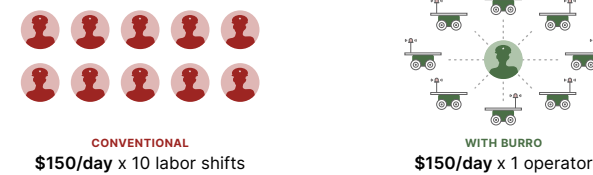
CONVENTIONAL
\$200/day per operator

WITH BURRO
\$0/day for operator



Improve security with patrolling.

Our Guard Dog™ allows you to automate your overnight patrolling to detect and deter thieves.



CONVENTIONAL
\$150/day x 10 labor shifts

WITH BURRO
\$150/day x 1 operator



BURRO CAN HELP YOU GROW.

Our sales team can assist you in figuring out what configuration would best suit your unique needs and environment.

→ Visit www.burro.ai to get started today.



Check out tons of Burro use cases on our YouTube page.



3x Top 10 New Product Winner
World Ag Expo
2022, 2023, 2024

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Engineered and assembled in the USA. Patented.
Our patented technology is covered under US Patent No. 11,753,039.

AMPLIFY YOUR WORKFORCE



BURRO®

Meet our one-of-a-kind fully autonomous robot.

Designed to work alongside people to force-multiply their work, while constantly learning to do more, Burro pulls together innovative functions, including machine learning, high-precision GPS and Pop-Up Autonomy™, to create the first high-quality, autonomous platform that anyone can use.



Multi-sensor technology

Equipped with a camera, LiDAR and RTK-GPS, working together to understand surroundings



Intuitive touchscreen

Clean and simple to use interface with controls available in multiple languages



Multiple layers of safety

Including LiDAR for 360° protection, front and rear bumper bars, and emergency stop buttons



Heavy-duty and strong

Comfortably carry up to 1,500 lbs and tow up to 5,000 lbs



Tough and adaptive

IP65 rated components, designed to operate all day long in 110° F / 40°+ C temperatures



The ultimate solution for labor challenges.

Burro is a highly customizable robot designed to work in a variety of environments and performing a wide variety of tasks.

Carry Automate the transport of goods from point A to point B.

Follow Accurately follow a person with the ability to save trained routes.

Scout Use camera vision for yield mapping, bunch counting, detecting weeds, or any other project related to crop health.

Mow Mow large areas or row-to-row continuously. Coming soon in H2 2024.

Tow Attach a hitch receiver to tow trailers in nursery settings.

Patrol Prevent theft with Burro Guard Dog™ and person-detect alerts.

BOSS v5.0: A new and improved operating system.

Burro's patented Pop-up Autonomy™ enables users to operate Burros out of the box, create routes and execute them across a variety of sites. **Burro Operating System and Software v5.0**, is a significant upgrade that brings new functionalities and improvements.

- ✓ LiDAR based teach and repeat enabling indoor navigation
- ✓ Burro API to build applications on top of Burro platform
- ✓ Atlas mission based autonomy that enables you to create missions and routes and send it to the Robots



Learn more about BOSS v5.0 on our website.



Set and control multiple routes anytime through the on-unit panel



Live LiDAR view from the Burro Unit as it navigates the environment

TRUSTED BY



BURRO



Carry: 500 lbs*
Tow: 2,500 lbs*
Horsepower: 5
Range: 8 miles*

*Exact Range and Payloads Vary Depending on Environments and Use

Technology	Autonomy	Vision, RTK GPS-based, AI-enabled, LIDAR optional with indoor tow pack
	Connectivity	4G LTE
	Environment Ratings	IP65 rated components, designed to operate all day long in 110° F / 40°+ C temperatures
Power	Safety	Front and rear bumper bars and safety/area lighting, Safety noise alerts
	Batteries	2.56 kWh LFP batteries come as standard. Special configurations also considered based on customer needs.
	Range	8 miles (12.8km)*
Size	Charging Options	Plug-in overnight charging, field-swappable batteries (for rapid reuse) and autonomous charger docking for continuous cycle applications are all supported based on customer's needs and available infrastructure.
	Length x Height	54.7 in (138.9 cm) x 27.3 in (69.3 cm)
	Width	27 in (68.5 cm) for narrow applications or 36.25 in (92.07 cm) for applications such as table grapes or nurseries
Weight	420 lbs (190 kg)	

BURRO XL



Carry: 750 lbs*
Tow: 2,500 lbs*
Horsepower: 5
Range: 8 miles*

*Exact Range and Payloads Vary Depending on Environments and Use

Technology	Autonomy	Vision, RTK GPS-based, AI-enabled, LIDAR optional with indoor tow pack
	Connectivity	4G LTE
	Environment Ratings	IP65 rated components, designed to operate all day long in 110° F / 40°+ C temperatures
Power	Safety	Front and rear bumper bars and safety/area lighting, Safety noise alerts
	Batteries	2.56 kWh LFP batteries come as standard. Special configurations also considered based on customer needs.
	Range	8 miles (12.8km)*
Size	Charging Options	Plug-in overnight charging, field-swappable batteries (for rapid reuse) and autonomous charger docking for continuous cycle applications are all supported based on customer's needs and available infrastructure.
	Length x Height	54.7 in (138.9 cm) x 27.3 in (69.3 cm)
	Width	36.25 (92.07)
Weight	440 lbs (200 kg)	

BURRO GRANDE



Carry: 1,500 lbs*
Tow: 5,000 lbs*
Horsepower: 11
Range: 15 miles*

*Exact Range and Payloads Vary Depending on Environments and Use

Technology	Autonomy	Vision, LIDAR and RTK GPS-based, AI-enabled
	Connectivity	4G LTE
	Environment Ratings	IP65 rated components, designed to operate all day long in 110° F / 40°+ C temperatures
Power	Safety	Front and rear bumper bars and safety/area lighting, Safety noise alerts
	Batteries	10.24 kWh LFP batteries come as standard. Special configurations also considered based on customer needs.
	Range	15 miles (24.1 km)*
Size	Charging Options	Plug-in overnight charging, field-swappable batteries (for rapid reuse) and autonomous charger docking for continuous cycle applications are all supported based on customer's needs and available infrastructure.
	Length x Height	58.75 in (149.2 cm) x 60 in (152.4 cm)
	Width	48 in (122 cm)
Weight	1081 lbs (490 kg)	



	Burro Pop-Up™ Autonomy Basic harvest assistance	Atlas Mission Autonomy Patrolling and towing across smaller operations	High-Precision Atlas Mission Autonomy Heavy-duty towing across large operations
Person following and obstacle stopping	✓	✓	✓
Row following and row-to-row through blocks	✓	✓	✓
Teach-and-repeat and route sharing	✓	✓	✓
Create routes with 1 centimeter precision	✓	✓	✓
Autonomous docking	✗	✓	✓
Push online routes to Burros	✗	✓	✓
Attachment control	✗	✓	✓
Virtual Base Station with NTRIP (where available)	✗	✗	✓

Customize solutions with expansion packs.

Expand the capabilities of Burro with the addition of an expansion pack. The modularity of Burro allows you to take your standard Burro and enable it to tow indoors, scout, patrol, and mow.



Indoor Navigation Pack

- ✓ Tows up to 2,500 lbs*
- ✓ LiDAR to enable indoor navigation

*Exact Range and Payloads Vary Depending on Environments and Use



Guard Dog™ Expansion Pack

- ✓ 24/7 runtime with autonomous on-the-field charging
- ✓ Patrol defined areas
- ✓ Person-detection
- ✓ Send alerts via text or web



Scouting Expansion Pack

- ✓ Navigate rows
- ✓ Crop assessment and scouting in partnership with Bitwise Agronomy



Mowing Expansion Pack

- ✓ Coming in H2 2024