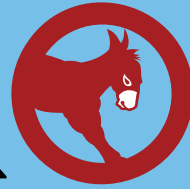


BURRO



Carry, Follow, Tow, Scout, Patrol.



The solution to labor challenges



IN THE FIELD



IN THE NURSERY & GREENHOUSE



ATLAS MISSION AUTONOMY



MOWING & ATTACH PACK



BURRO GUARD DOG™

Meet Burro

Carry, Follow, Tow, Scout, Patrol.

The solution to labor challenges *Now with expansion packs*

Hundreds of working Burros have generated up to 40-percent reduction in labor, depending on the application. Burro is the only fully autonomous, multi-use robot platform that operates alongside people to force multiply their work in the field, nursery or greenhouse. Burros are outfitted with computer vision, artificial intelligence and high-precision GPS/Ntrip for robust, reliable autonomy. Burro tirelessly completes many tasks, from carrying harvests to towing, mowing, scouting and patrolling. You can put our Pop Up Autonomy™ or new Atlas-driven mission autonomy to work with very little training.



POP-UP AUTONOMY™

Burro is easy to set up and easy to use. Burro is always ready to support your crews.



ATLAS MISSION AUTONOMY

Create and manage routes for fleets of Burros from anywhere that is convenient.



Advanced Towing Pack

Increase towing capacity and range

Includes:

- Atlas mission autonomy, to create and manage routes from anywhere
- Tow capacity of up to 5,000 lbs.
- Tow range of 12+ hours
- Increased tow speeds
- Longer obstacle detection
- 3x larger batteries and faster charging
- 3D LiDAR / 360-degree maneuverability
- Safety rotary beacon and additional stability weights
- Trailer hitch includes a two-inch receiver. This can be used to tow trailers in nurseries or other

Mowing & Attach Pack

Standard with a 33-inch Zanon mower

Includes:

- Atlas mission autonomy, to create and manage routes from anywhere.
- The hitch includes an EPTO that powers these implements and a 200ah 48V battery pack for three-to-six hours of mowing time, depending on field conditions
- The Mowing & Attach Pack comes standard with a 33-inch Zanon mower, but is compatible with other attachments from BCS and Zanon.
- This enables autonomous mowing of areas and rows, and can be combined with Burro's docking station to autonomously *mow > dock to charge > mow* continuously.





Burro Guard Dog™

Autonomous surveillance system wherever needed

- Burros can patrol 24/7 on a user-defined schedule, when paired with the docking station
- Routes created and shared via Atlas
- Burro Guard Dog™ detects an intruder and sends an alert to operators who can determine if action is required
- Burro docking station - Autonomous charging for 24/7 runtime, with less than 30-percent charge time



Atlas

Easily create and save precision routes from your tablet or PC

Atlas has revolutionized use of Burro by enabling users to remotely plan routes, from any location with cellular connectivity. Whether you use Atlas to map precision routes for one Burro or for multiple fleets based in separate locations, Atlas makes it easy and convenient.

- Atlas enables users to easily create and manage routes across fleets of Burros remotely.
- This intuitive platform integrates with leading mapping providers (Mapbox, Google Maps, etc.) to provide out of the box route planning with roughly 1 meter precision.
- With the Atlas High Precision option, overlay your GPS corrected high-resolution aerial imagery for waypoint plotting with Sub-CM precision.
- Create, Name, Save and Edit routes for your fleet, and efficiently manage these routes for a single location, or for Burros operating in multiple locations.

Burro is the platform for custom applications

Autonomous farming begins with Burro's collaborative applications that unlock practical technology for agricultural operations. This powerful and versatile platform empowers partners to develop innovative solutions that address a wide range of needs and challenges.



Bitwise Agronomy Crop Scouting helps farmers evaluate their crop by using cutting edge AI technology to “see” like humans, but better. With Bitwise on-board as a digital implement, crop scouting is more accurate, more consistent and analyzed at superhuman speeds.



The BloomX mechanical arms mimic the buzz of the bumblebee. When installed, Burro autonomously navigates your field while BloomX bio-mimics pollination so you can focus on higher-level tasks.

AUTONOMY PACKAGES

| Burro Pop-Up™ Autonomy | Atlas Mission Autonomy | + High Precision Atlas Mission Autonomy | Burro Platform |
|--|---|---|---|
| \$199/month | \$249/month | \$299/month | Contact Us |
| Burro as a harvest assist platform, conveyor, or row to row mobility vehicle | Basic towing, Run 24/7 with missions created online | Advanced Towing, and Attachment control, running 24/7 with precisions missions created online | For partners seeking to build solutions using Burros as their physical / autonomous API |
| ✓ person following | ✓ person following | ✓ person following | ✓ person following |
| ✓ obstacle stopping | ✓ obstacle stopping | ✓ obstacle stopping | ✓ obstacle stopping |
| ✓ row following | ✓ row following | ✓ row following | ✓ row following |
| ✓ row to row through blocks | ✓ row to row through blocks | ✓ row to row through blocks | ✓ row to row through blocks |
| ✓ teach and repeat | ✓ teach and repeat | ✓ teach and repeat | ✓ teach and repeat |
| ✓ Share routes with other Burros | ✓ Share routes with other Burros | ✓ Share routes with other Burros | ✓ Share routes with other Burros |
| ✓ view system online | ✓ view system online | ✓ view system online | ✓ view system online |
| ✓ Control system online | ✓ Control system online | ✓ Control system online | ✓ Control system online |
| | ✓ Tow in 2 directions | ✓ Tow in 2 directions | ✓ Tow in 2 directions |
| | ✓ Autonomous docking | ✓ Autonomous docking | ✓ Autonomous docking |
| | ✓ Send Alerts if people are seen | ✓ Send Alerts if people are seen | ✓ Send Alerts if people are seen |
| | ✓ Create Routes online with 1CM precision | ✓ Create Routes online with 1CM precision | ✓ Create Routes online with 1CM precision |
| | ✓ Online Routes push to robots | ✓ Online Routes push to robots | ✓ Online Routes push to robots |
| | ✓ Attachment Control | ✓ Attachment Control | ✓ Attachment Control |
| | | ✓ Sub-CM routes forever | ✓ Sub-CM routes forever |
| | | ✓ Virtual Base Station (Ntrip*only where available*) | ✓ Data and Local Processing |
| | | | ✓ API License |
| | | | ✓ Compatible with all Burros running globally |



BURRO

Carry, Follow, Tow, Scout, Patrol.

Hardware

| | |
|---|--|
| Sensors | Stereo cameras & RTK GPS / LiDAR equipped with Advanced Towing Pack |
| Communication | 4G Modem |
| Computing | Intel CPU and Nvidia GPU |
| Batteries | Swap-able AGM & LFP chemistry available |
| Battery Capacity* | 6-14+ miles / 10+ hours* |
| Drive Type | 4 Wheel drive |
| Max Speed | 5 MPH / 2.25 M/S |
| Horsepower | 5 HP |
| Payload | Up to 500lbs. / Carry up to 750lbs. with Kit** |
| Max Towing Capacity | Up to 2000 lbs. / Up to 5000 lbs. with Advance Towing Pack** |
| Attachment Compatibility | 24V Unregulated power, USB 3.0, and standardized mounting holes for attachments/implements |
| <p><i>* Depending on batteries selected and how Burro is used</i> <i>** Depending on terrain</i></p> | |

**2X TOP-10
NEW PRODUCT
WINNER**



**WORLD AG EXPO®
2022 & 2023**

ORDER BURROS TODAY.

Ask us about our 48-month rollover plan.
Contact us for a quote.



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



Engineered & Assembled in the USA
Patent Pending

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