

Rugged autonomy, engineered to take on the heavy lifting

Grande 44 is Burro's autonomous robot for outdoor work. An adaptive, collaborative force multiplier, Grande 44 was built to absorb repetitive workflows (like mowing, towing, spraying, and transporting), so your crew can focus on the work that actually needs people.

240,000+

Miles in the field

1M+

Hours of proven autonomy

A global fleet deployed across nurseries, vineyards, orchards, berry farms, and more.



Tow

UP TO 6,000 LBS

Handles the back and forth – tows trailers, product, and equipment up hills, across surfaces, to any point on your site. No driver. No downtime.



Mow

CORTADOR ATTACHMENT | 48" AUTONOMOUS BRUSH CUTTER

Mows between rows and across large areas on its own. No diesel. No scheduling headaches. Consistent coverage, every time.



Transport

UP TO 1,500 LBS PAYLOAD

Carries a full pallet of bins, supplies, or equipment across the farm all day. No one behind the wheel.



Spray

SPRAYITO ATTACHMENT | SELECTIVE SPOT SPRAYER

Detects weeds and applies herbicide only where they are. Up to 75% less chemical use compared to broadcast application.



Why Burro

IT ACTUALLY WORKS.

Burro isn't a prototype. 750+ robots deployed across rough terrain, dense canopy, and changing conditions. 1M+ hours in the field. 240k+ miles logged.

ONE MACHINE. MORE ROI.

Just set the route, and send it out. Your operators focus on the work that actually needs a human — Burro handles the rest.

IT'S EASY TO USE.

One-time setup. Easily map the routes of your operation in BOSS Web. Set customize speed, stops, and destinations. Press start, and go grow.

SUPPORT THAT DOESN'T END AT THE SALE.

Grande 44 wasn't built to collect dust in your shed. Our partnership begins when you invest, then we train, deploy, and support every Burro alongside your team. All day, every day.

System highlights

CATEGORY	SPEC
DRIVE	Indepedent 4WD with brushless motors
BATTERY	10-20 kWh LFP capacity in chassis, up to 40kWh with Extended Battery Pack
TOP SPEED	5 mph
VISION & SENSING	4 stereo cameras, 360° 3D LiDAR + RTK GNSS
LIGHTING	Headlights, tail lights, turn signals, high visibility work-area lighting

Where It Works

- ▶ Nurseries
- ▶ Vineyards
- ▶ Orchards
- ▶ Berry Farms
- ▶ And More

System Specifications

CAPABILITY

Power: 44 HP peak, 18 HP continuous

Towing: up to 6,000 lbs*

Payload: up to 1,500 lbs*

Standard Tires: 23 x 8.5-12 (Optional: up to 26 x 12-12)

CHARGE

Charge Time:

10 kWh: 6 hours

20 kWh: 9 hours

High-Speed Charger:

Output: 2.5 kW @220V

Input: 100-240 VAC, 50-60Hz: 15A at 120 VAC (Derated), 15A at 220 VAC

Charging Dock: Optional autonomous wireless charging dock available.

DIMENSIONS

Overall Height: 64"/163cm

Tray Height: 27.5"/70cm

Width: 48" / 122cm

Length: 60" / 152cm

Solid Steel Cargo Tray Dimensions: 47.9" L x 47.8" W (121.5cm L x 121.2cm W)

Ground clearance: 9" / 23cm with 23" Tires

**Performance depends on configuration, load and operating conditions. Range and runtime vary by speed, terrain, battery configuration, and duty cycle. Some options and features may be subject to final validation or launch availability. The extended battery pack occupies top trayspace.*

Learn more or reserve your unit at www.burro.ai