

Heavy-duty autonomy for industrial operations

Burro builds autonomous work platforms to eliminate the logistical friction that slows operations down. While typical Autonomous Mobile Robots (AMRs) and Automated Guided Vehicles (AGVs) are confined to smooth warehouse concrete and reliant on magnetic tape, reflectors, or pristine lighting, Burro works where standard automation fails. Engineered to natively cross the threshold from indoor floors to harsh outdoor environments, the Grande 44 functions as an adaptive, collaborative force multiplier built to absorb repetitive indoor and outdoor workflows.

Why Trust Burro

1M+

Hours of autonomous driving

240K+

Autonomous miles driven

750+

Burros sold

17

Countries and counting

Why Grande 44

Grande 44 is a rugged, heavy-duty autonomous work platform engineered to maximize uptime on real sites. Powered by physical AI that adapts to new environments, it's engineered with serious power (44 HP peak) and equipped specifically for industrial operations, with:

INDUSTRIAL R4 TIRES

Optimized for rough terrain, hard miles, and crossing indoor/outdoor thresholds.

HIGH-VISIBILITY ORANGE

Ensures maximum safety and visibility on busy, high-traffic worksites.

PLATFORM COMPATIBILITY

Seamlessly integrates with the full Burro product line, including the Cortador (48" autonomous brush cutter) and Sprayito (selective spot weed sprayer).



What It Does

One autonomous system; multiple workflows. The Grande 44 takes on the repetitive, low-value transit jobs so your crew can focus on high-value tasks.

HEAVY-DUTY MATERIAL TOWING AND TRANSPORT

Tows up to 6,000 lbs and carries payloads up to 1,500 lbs.

ASSET TRACKING AND INVENTORY MANAGEMENT

Track the location of valuable equipment, vehicles, or other trailers on your yard. Bring your own scanner or buy one from our trusted partners.

SCOUTING AND PATROLLING

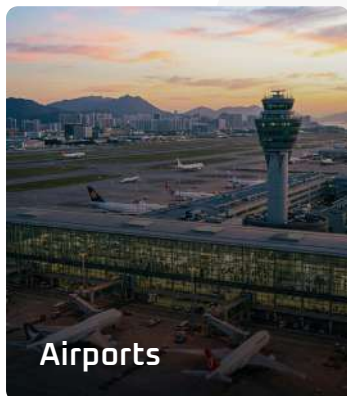
Provides continuous site logistics, security patrolling, and facility monitoring.

AUTONOMOUS VEGETATION MANAGEMENT

Handles mowing, brush cutting, and targeted herbicide spraying across your facility grounds.

Where It Works

Built with all-weather indoor and outdoor capabilities, the Grande 44 adapts to unique facility setups and integrates seamlessly into existing workflows across challenging industrial sectors:



Airports



Rail & Intermodal Depot Yards



Logistics Facilities



Rugged Outdoor Terrain & Smooth Warehouse Floors

System highlights

CATEGORY	SPEC
DRIVE	Independent 4WD brushless DC motors
BATTERY	20 miles/charge base with extension up to 60 miles per charge with extended battery pack
TOP SPEED	5 mph
VISION	4 stereo cameras
SENSING	360° 3D LiDAR
LIGHTING	Headlights, tail lights, turn signals, high visibility work-area lighting

System Specifications

CAPABILITY

Power: 44 HP peak, 18 HP continuous
Towing: up to 6,000 lbs*
Payload: up to 1,500 lbs*

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

CHARGE

Base: 20 mile range, 6 hours charge time
Extended range: 40 miles range, 9 hour charge time
With extended battery pack: Up to 80 miles of range, 17 hours charge time

High-Speed Charger:

Output: 2.5 kW @220V
Input: 100-240 VAC, 50-60Hz: 15A at 120 VAC (Derated), 15A at 220 VAC

Works with all standard wall outlets.

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

**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.*