

BARCODE BULLY



WHAT IS IT?

Barcode Bully is an autonomous robot that **patrols your warehouse 24/7, scanning every pallet barcode and instantly reconciling its location against your WMS.** Out-of-place pallets are identified in real time and reported to your team with clear, actionable instructions.

CONTINUOUS, AUTONOMOUS DATA GROOMING

Barcode Bully is a fully autonomous robot that patrols your warehouse around the clock:

- **Scanning**
- **Reconciling**
- **Reporting**

It continuously compares every scanned pallet against your Warehouse Management System (WMS) in real time, instantly flagging mismatches, and feeding corrected data straight back into your WMS or emailed to a person who can fix the problems.

The result is self-healing inventory that stays accurate without burdening your team.

HOW IT WORKS

Barcode Bully combines a **ground-based autonomous navigation platform** with a **telescopic mast carrying an array of scanners and sensors.** The robot safely navigates your warehouse floor while the mast extends up to 12.7 m to scan barcodes at every rack level with precision. On-the-spot turning capability allows it to manoeuvre in tight aisles and reach difficult locations.

60%

FEWER LOST
PALLETs

90-98%

INVENTORY
ACCURACY

\$200K

RECOVERABLE
STOCK VALUE

80%

LESS MANUAL
COUNTING

12 mo

TYPICAL
PAYBACK

BARCODE BULLY

THE PROBLEM

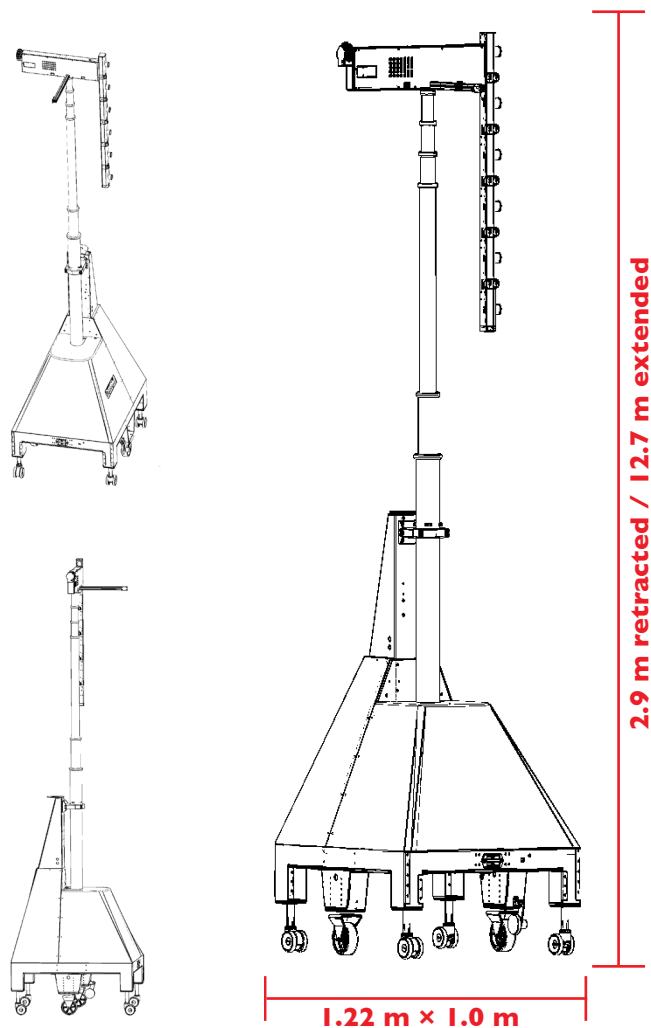
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THE SOLUTION

Barcode Bully provides continuous, autonomous data grooming — working unattended in lit or dark warehouses, alongside existing MHE and pedestrians. It automatically docks to recharge and resumes its mission, delivering a self-healing inventory that requires no extra labour.

FEATURES

- No navigation infrastructure required — zero installation cost
- Telescopic mast scans all rack levels up to 12.7 m
- On-the-spot turning for tight aisles
- 8-hour runtime, 1-hour recharge, auto return to dock
- 700–1,000 locations per hour; up to 25,000 per day
- WMS integration via API, batch mode, or air-gapped USB
- All 1D/2D barcodes; optional RFID and temperature mapping
- Actionable emailed reports — no AI dependency
- Active intelligent safety zones + LIDAR obstacle detection
- Operational within days of delivery



AT A GLANCE

Footprint	1.22 m × 1.0 m	Mast height	2.9 m retracted / 12.7 m extended
Mass	210 kg	Power	220 V / 110 V single phase
Runtime	8 hrs working / 1 hr recharge	Batteries	4 × 100 Ah 12 V AGM Gel

Dronescan a division of ScanMan Asset Management Software (PTY) LTD
Dronescan, 34 Emoyeni Drive, Hillcrest, 3610, South Africa