SALESONE-PAGER · ENGLISH · WJ-T SERIES + WJ-R1 · ATTACH TO EMAIL OR PRINT TO PDF

One Autonomous Fleet for Every Terrain You Maintain

Pair the tracked, slope-rated WANJI T series with the zero-emission wheeled R1 to cover rough brush AND manicured turf — steep and flat, remote and urban — with fewer staff on the ground.

WANJI MACHINERY · EXPORT SALES ARM OF THE MANUFACTURING GROUP

Professional vegetation contracts almost never contain just one kind of ground. A single site can include steep embankments and dams, rough brush and reclamation, orchard rows and solar arrays *and* open parks, green belts and manicured lawns. One mower can't do all of it well, and manual crews are expensive and risky on the dangerous parts. The WANJI **T series + R1** fleet is built to split that work: a **tracked gas-electric for slopes and rough growth** and a **wheeled electric for clean, quiet, finished turf**.

The problems on site

⛰️
Mixed terrain, mixed needs
One contract can include steep embankments, rough brush, orchard rows and solar arrays AND open manicured lawns — no single mower does both well.

⚠️
Dangerous ground for crew
Slopes, ditches, dams and live infrastructure put manual mowing teams at risk and are hard to staff.

🏙️
Conflicting tender rules
Urban zones demand zero emission and low noise; remote rough ground demands endurance and slope capability.

🕳️
Downtime & scheduling gaps
Relying on one platform or on manual crews means missed compliance windows and idle equipment.

📉
Margin pressure
Fuel, labor and transport keep eroding routine vegetation contracts; operators need higher-margin, differentiated services.

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Coverage must be provable
Asset owners and municipalities increasingly want documented, repeatable coverage — not a crew that "got most of it."

The WANJI **T series** — rough, sloped, hard-to-access ground

Up to 40° slope, rubber tracks
Handles embankments, dams, ditches and pads where wheeled mowers tip or spin.

900 / 1,100 / 1,300 mm 3-blade deck
Mulches tall grass, brush and rough growth; 3,000–5,500 m²/h across the three deck widths.

Gas-electric, up to 8 h per tank
Briggs & Stratton 810cc 27 HP drives the 3-blade deck; a rechargeable battery pack drives the tracks. Up to 8 hours of operation per full tank.

The WANJI R1 — clean, quiet, manicured turf

790 mm deck, zero emission
Even, manicured finish on parks, estates and sports turf; ~2,000 m²/h, quiet enough for urban zones.

4WD in-situ zero-turn + LiDAR
Threads around trees, beds, paths and the public safely and precisely.

Auto dock + swappable battery
~2 h / ~4,000 m² per pack; autonomous scheduled routes on built-up and facility sites.

Both platforms share: RTK-GNSS autonomous navigation with no boundary wire · LiDAR fusion obstacle avoidance · large-screen remote + mobile APP with alarms and fleet monitoring — so one crew and one workflow run the whole fleet.

What this means for you

For vegetation-management & O&M contractors
- Win broader, full-site contracts — rough and fine, slope and flat — with one autonomous fleet.
- Take crew off dangerous slopes and live infrastructure; lower labor and fuel cost per site.
- Documented, repeatable, schedulable coverage for compliance reporting.

For dealers, distributors & rental partners
- Two complementary platforms to sell across municipal, agricultural and industrial buyers.
- A higher-margin, differentiated offering vs. conventional ride-on and push mowers.
- Spare-parts supply, technical training and demo units from the manufacturer.

Propose a field evaluation across one of your sites

We suggest deploying a WJ-T-900A and a WJ-R1 across a representative site — a slope/brush zone plus an open turf zone — to measure coverage, slope handling, runtime and cut quality against your real requirements. We'll provide full specs and a demo-unit plan.

WANJI — Jining Wanji Intelligent Technology Co., Ltd. · Autonomous Mower Division
Web: www.wanji-imp.com · Email: **wendemin@wanji-imp.com**
Tel / WeChat: **+86 138 1126 1642** · Robotic Mowers | Mini Excavators | Agricultural Machinery

Specifications are based on the WANJI 2026 autonomous mower range: WJ-T series tracked gas-electric (900, 1,100 and 1,300 mm 3-blade decks, 40° slope) and WJ-R1 all-electric wheeled (790 mm, zero emission). Final configuration and commercial terms confirmed per evaluation. WANJI is the export sales arm of the manufacturing group.