

MODEL	TM-1050 TURFMOWER GPS-RTK	TM-2050 TURFMOWER GPS-RTK	RP-1250 RANGEPICKER GPS-RTK
CAPACITY			
Maximum working area (m ²)	45 000	75 000	45 000
Recommended working area (m ²)	35 000	55 000	30 000
# sports pitches / robot	1-3	1-5	-
Mowing / picking Width (mm)	633	1 033	956
Speed (km/h)	2,8	3,6	3,6
Standard maximum slope	15 %	30 %	30 %
Maximum slope with option (Kit)	-	45 %	-
Basket capacity	-	-	320-350 balls
CUTTING / PICKING			
# Mowing Heads	3	5	-
# Blades	9	15	-
Standard: Lowest cut (mm)	22	22	-
Standard: Highest cut (mm)	100	100	-
Option Fairway: Lowest cut (mm)	12	12	-
Option Fairway: Highest cut (mm)	90	90	-
BATTERY			
Battery Type	LiFePo4	LiFePo4	LiFePo4
Standard Battery capacity (Ah)	19,2	19,2	19,2
Battery tension (V)	26,4	26,4	25,6
Average charging time (min)	80	80	80
Average mowing duration per charging cycle	280	110	240
Optional more powerful batteries (Ah)	-	-	-
Average yearly consumption (kWh)	580	830	620
WEIGHT AND DIMENSIONS			
Weight (kg)	52,9	71,9	85
Dimensions ((L)ength × (W)idth × (h)eight) cm	100x104x46	111x127x51	118x134x54
SOFTWARE AND MONITORING			
Pin Code security	Yes	Yes	Yes
GPS Localization	Standard	Standard	Standard
Server and App for robot management	Standard	Standard	Standard
INTELLIGENCE			
Sonar for obstacle detection	5 Sonar units Detection at diameter 7 cm x 30 cm height	5 Sonar units Detection at diameter 7 cm x 40 cm height	4
Economy adapted mowing	Standard	Standard	-
Back to station via GPS	Yes	Yes	Yes
Multiple Starting Zone	Yes	Yes	Yes
Multi-terrain	Option	Option	Yes, more than 2
Multirobot	Yes	Yes	Yes
SECURITY			
Lift sensors	Yes	Yes	No
Reverse sensors	-	-	Yes
Tilt sensors	-	-	Yes
Rear silent blocks	Yes	Yes	-
Safety bumper	Electronic	Electronic	Electronic
Deflectors on cutting head	-	External heads	-

Echorobotics Web interface & App



A customized subscription formula*

- We offer 3 types of packages and prices depending on your needs and the type of robot.
- Decide which formula suits you best by consulting the table or contact your dealer/supplier for more information.

Features	Offline	Basic	Premium RTK
	We guarantee software updates during technical maintenance operations.	The most complete package on the market for users wishing to take full advantage of remote control of their Connected line.	The subscription for users who want fingertip control of their GPS-RTK robot.
Software Update	Wifi	✓	✓
Performance monitoring (history&cycles)	Wifi	✓	✓
Remote user controls	-	✓	✓
Remote configuration of the robot (read/write parameters)	-	✓	✓
Alarm and notification management (updates, subscription renewals, etc.)	-	✓	✓
Status in real time + position on demand	-	✓	✓
Interactive map: tracking the trajectory by cycles	-	✓	✓
Fleet management dashboard	-	✓	✓
Maintenance logbook	-	✓	✓
GPS pattern mowing configuration and settings	-	✓	✓
Remote configuration of areas by GPS	-	✓	✓
GPS-based do not exceed zone for obstacles	-	✓	✓

www.echorobotics.com



* Subscription prices available on our website.



THE LATEST GPS-RTK TECHNOLOGY

TM-1050 & TM-2050
Turfmower GPS-RTK

RP-1250
Rangepicker GPS-RTK

Working with: **WISENAV**

Made in Belgium

TM-1050

Turfmower GPS-RTK

TM-1050 GPS-RTK
EE-060-00026

 **Mowing capacity**
up to 45,000 m²



TM-2050

Turfmower GPS-RTK

TM-2050 GPS-RTK
EE-060-00025



 **Mowing capacity**
up to 75,000 m²

The GPS-RTK process (Wisenav)

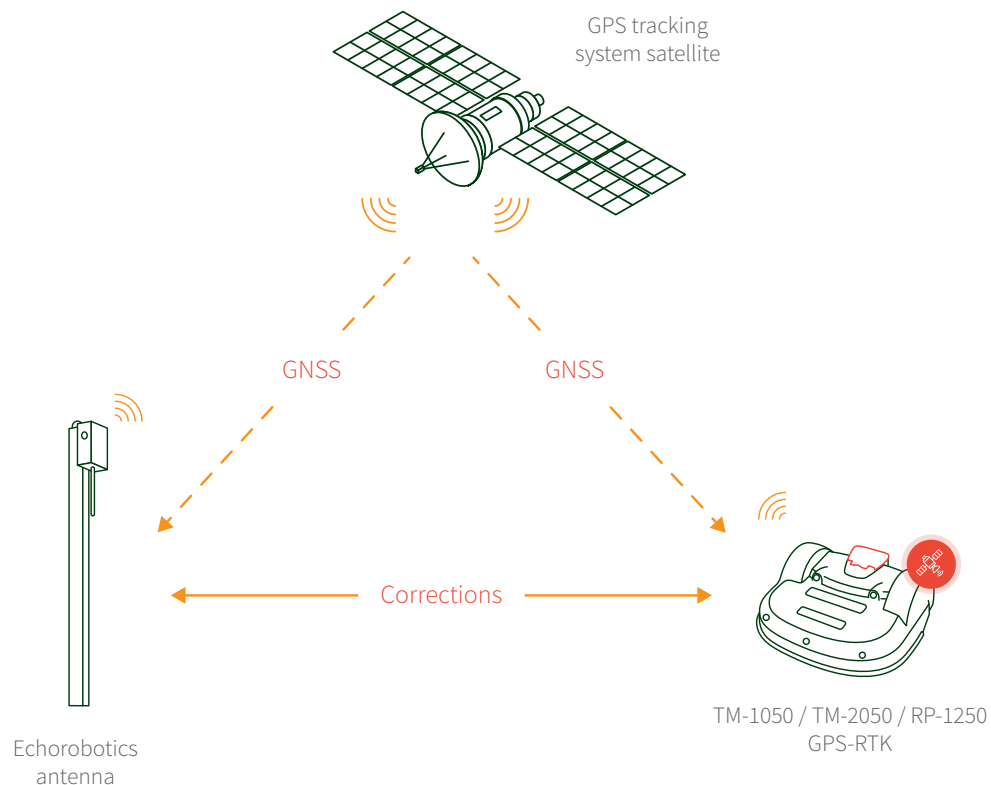
2-3 cm accuracy.

With the real-time Kinematic installation, the robot navigates with a 2-3 cm level precision, enabling it to mow in pattern with a minimal overlap.

For the robot to operate in GPS-RTK navigation mode, it must be in an open interference-free area for satellite signals. This means few trees and buildings on the work area.

In addition to the equipment needed for a connected line unit, the following equipment is required to benefit from these innovative features.

- A robot
- A docking station
- GPS-RTK base with Wi-Fi / 4G
- GPS-RTK license



RP-1250

Rangepicker GPS-RTK

RP-1250 GPS-RTK
EE-060-00028

 **Efficiency**
13 collecting discs

 **Operating Area**
up to 35.000 m²



Echrobotics - GPS-RTK

Equipped with the latest navigation technology available, our robots can now navigate in pattern mode.

All the advantages of our connected robots in addition to some new features with the robots equipped with a GPS-RTK system.

The new GPS-RTK range can also

- **Mow in a pattern mode**, say goodbye to random lines, your field can now be mowed in strait lines.
- **Triple the mowing capacity**: the robot's performance has been enhanced as a result of its new, state-of-the-art technology. It takes less time to mow a sports field, making the pitch available to players for longer. A single machine can now handle a bigger area.
- **Enhance its ball collecting capacity**: with the pattern mode, the RP-1250 (Rangepicker GPS-RTK) is now able to collect balls and navigate to the drop pit in a much faster mode.
- **Protecting golf balls**: thanks to the adapted cutting heads, mowing poses no risk to golf balls, which are protected from the blades.
- **Work without perimeter wire in the ground**: flexible installation that can't get damaged.