



TinyMobileRobots®



Sports line marking
has never been easier

Why choose automatic line marking?

- No more strings and measuring by hand: Initial markings are just like re-markings
- 100% autonomous GPS line marking robot to free up time for grounds staff
- 50+ field types which can be scaled and modified
- Fast, accurate and repeatable line markings every time
- Works day and night, even in rough weather
- Payback often within year 1 of operation



Designed for easy deployments



1

Transport the line marker in the back of your car.

No utility vehicle required.



2

Pour the paint.
Turn on the robot.
Turn on the tablet.

No base station required.



3

Select your pitch on the tablet and press Start.



4

Complete other tasks while the robot does the line marking for you.

We offer two different line markers:

- TinyLineMarker Sport
- TinyLineMarker Pro X



TinyLineMarker Sport

- Line marking robot for sports teams, clubs and schools
- Small size, low weight, easy transportation and set-up
- Can be lifted into a regular sized car by 1 person

Weight	25 kg
Dimensions	H 465mm (18.25") L 710mm (28") W 525mm (21")
Wheels	Lightweight Sport Wheels 190mm diameter (7.5")
Line widths	From 5cm (2") to 10cm (4")
Movement sensors	Ultrasonic –side and front bumpers
Battery type	Lithium-ion 400wh (Charger and UK plug included)
Battery performance	Spraying time 4-5 hours from a single charge
Paint capacity	10 litres (Impact Ready to Use)
Marking speed	Speed 4 kph (1.1mt/s)
Delivery / lead time	Shipped directly within 2 weeks
Pitch templates	Basic templates + 1 collection of templates of your choosing included (e.g. football); others can be purchased within 2 weeks.



TinyLineMarker Pro X

- For councils, contractors and larger universities
- Larger wheels with high traction for powerful performance
- All pitch templates included (50+ customizable pitch templates)

Weight	35 kg
Dimensions	H 720mm (28") L 920mm (36") W 740mm (29")
Wheels	Large Pro X wheels for high traction on any surface
Line widths	From 5cm (2") to 10cm (4")
Battery type	Lithium-ion 400wh (Charger and UK plug included)
Battery performance	Spraying time 5 hours from a single charge
Paint capacity	10 litres (Impact Ready to Use)
Marking speed	Speed 4 kph (1.1mt/s)
Delivery / lead time	Shipped directly within 2 weeks
Pitch templates	All pitch templates included

Application TinyLineMarker

The key to your line marking

Pitches

- Place your pitches directly on background map
- Drag, resize, copy, customize and save
- All your pitch layouts are stored online, ready to be repainted next season
- Cloud storage for safety, sharing and log history of your fields

Software features

- Paint your custom logos on a large scale on your turf; simply copy your logo to the tablet and press **“Start”**.
- Multi-select: Select all your pitches at once and press Start
- Low paint alert: Get a notification on your tablet when your line marker is no longer applying paint
- Advanced edit mode: Control every single line of your pitch and the robot driving path directly from the tablet

Controlling robot

- Adjust pitch settings and robot settings directly from tablet for best results
- Run test drives before painting your pitches
- Manual and automatic mode



Pitch templates

Template group	Included
Basic templates	Cricket, Handball, Tennis, Ultimate Frisbee, Field Hockey, Netball, Rounders, Fistball, Frisbee, Quidditch, Stool Ball
Geometry templates	Circle, rectangle, triangle lines and points
Football	11v11, 9v9, 7v7, 5v5, training grids
Baseball and Softball	Baseball, Softball
American Football	High School, College, Professional
Athletics	Running tracks 200 / 300 / 400m, Discuss, Hammer, Javelin, Shot put
Lacrosse	Men, Women, Unified High School
Number and Letter	Different fonts included; adjust size as needed
Parking and Social Distancing	Grid templates for easy layout

TinyLineMarker Pro X:

All templates are included.

TinyLineMarker Sport:

Basic + Geometry templates are included as well as a template group of your choosing.

Acquiring three paid template groups will automatically give free access to all other template groups.

High accuracy and quality

1

Using the latest robotic technology and GPS/RTK connectivity, the TLM line markers are completely autonomous. They use position signals from satellites and correction signals from nearby reference stations (RTK) to deliver consistent and reliable results without the need for additional equipment, such as a base station.



2

The line markers combine the position data with input from the motor wheels and the robot's inertial measuring unit (IMU). Combining these sources of data is what makes the line markings so reliable and gives an **accuracy of 1-2 cm.**



3

The spray tool has been designed for state-of-the-art paint application and performance while also being easy to handle. Two adjustable railings allow you to fine-tune the height of both tool and nozzle for optimal results every time.



What our customers say

“TinyMobileRobots has been a great addition to our club, and for any other clubs that are considering it, definitely go for it. It pays for itself very, very quickly.”



Elizabeth Porter
Board Member
Central Brevard Soccer Club

Custom logo marking



Visit our website for more info.

tinymobilerobots.com



Get in touch to book a free demo



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