

WORX WR306E

WORX Vision Cloud 2WD Robot Mower WR306E User Manual

Model: WR306E

1. INTRODUCTION AND OVERVIEW

The WORX Vision Cloud WR306E redefines connected mowing for areas up to 600m². This robot mower features wireless perimeter technology, making it ready for use right out of the box without complex cable installation. Equipped with Vision AI + RTK system, it combines visual recognition with RTK technology for ultra-precise navigation. The robot analyzes and understands every detail of your garden, including obstacles, animals, objects, and accessible zones, adapting its trajectory in real-time for smooth, efficient, and collision-free mowing.

Its automatic mapping function uses millions of border images and learning data to create a precise map without physical markers. The Vision Cloud + V-SLAM combination ensures optimal stability and centimeter-level precision, even under dense foliage or in shaded areas. The integrated Wi-Fi amplifier in the base ensures a stable connection throughout the garden. The included Cut-to-Zero module (WA0925) provides a clean cut right to the lawn edge, minimizing manual finishing.

The Vision Cloud can be customized with additional modules like LED headlights (WA0920) for safe night mowing and an anti-theft module (WA0934) for 24/7 GPS tracking. Its floating cutting deck adapts to terrain irregularities for consistent mowing, and the 3-blade pivoting system with reverse rotation ensures optimal performance and extended blade life. Choose between random or parallel strip mowing modes. The robot manages multiple zones and automatically adjusts its daily mowing schedule. Automatic charging ensures the robot returns to its station when the battery is low or it rains. The Plug-N-Play system allows instant setup. Control and program the Vision Cloud easily via Wi-Fi and Bluetooth using the Landroid app for a simple, intelligent, and fully automated mowing experience.



The WORX Vision Cloud 2WD Robot Mower WR306E, ready for operation.

2. SETUP

The WORX Vision Cloud WR306E is designed for effortless setup. It features wireless perimeter technology and automatic mapping, eliminating the need for complex cable installations or physical boundary wires.

2.1 Initial Placement and Automatic Mapping

Simply place the robot mower on your lawn. The integrated Vision AI and RTK Cloud system will automatically scan and map your garden during its first operation. This process creates a precise digital map of your mowing area without any manual configuration.

Cartographie automatique, prête dès la sortie de la boîte

Grâce à la dual caméra assistée par l'IA, Vision Cloud comprend la forme de votre jardin et cartographie automatiquement tous les types de limites, sans aucune configuration ni intervention manuelle.



The robot mower features automatic mapping, ready for use right out of the box.

2.2 Charging Station Placement

The charging station can be placed anywhere, including under a veranda or along a wall, offering maximum flexibility. Ensure it has access to a power outlet and a clear path for the robot to return for charging.



The RTK Cloud system simplifies installation, requiring no perimeter wire or on-site antenna.

3. OPERATING INSTRUCTIONS

The Vision Cloud WR306E utilizes advanced AI and navigation technologies to provide an intelligent and efficient mowing experience.

3.1 Intelligent Navigation and Obstacle Avoidance

Equipped with a dual 3D camera and RTK Cloud + V-SLAM fusion, the robot analyzes terrain and obstacles to understand your garden. It identifies obstacles, animals, and garden elements to adapt its trajectory, avoid collisions, and ensure safer daily mowing. This intelligent vision allows for precise navigation even in complex or shaded areas where satellite signals might be weak.

The Vision Cloud understands every detail of your lawn, enabling automatic mapping and intelligent obstacle avoidance.

Évitement intelligent des obstacles

Détecte, reconnaît et évite tous les obstacles de votre jardin

Pomme, balle de tennis, lunettes, ...	Animaux, enfants, ...	Feuilles, brindilles, pas japonais, ...
S'approche au plus près	Se déplace en toute sécurité. Continue de tondre en sécurisant l'espace	Continue de tondre sans hésitation
Aucun choc Aucun arrêt inutile Aucun grand écart de sécurité	Aucun arrêt brutal Aucun détour interminable	Aucun détour inutile Aucune tonte interrompue

The robot detects, recognizes, and avoids all obstacles in your garden, ensuring safe operation.

3.2 Mowing Styles and Multi-Zone Management

You can choose your preferred mowing style: structured parallel strips for a professional effect or a homogeneous natural cut. These settings can be changed at any time via the Landroid app. The robot supports advanced multi-zone management, allowing you to create multiple zones, adjust limits, and define passages from the application. The robot can also automatically optimize its routes to efficiently cover the entire lawn.

Tonte multi-zones illimitée
De A à B. Puis C, D, E...

La navigation RTK ultra-précise permet à Vision Cloud de se déplacer entre les différentes zones de tonte avec fluidité et constance, sans approximation.

Manage unlimited multi-zones and control mowing patterns via the app.

Bandes parallèles ou résultat naturel ? Votre pelouse, votre choix

Vision Cloud vous permet de sélectionner le rendu que vous préférez, des bandes parallèles nettes ou un aspect naturel et homogène. Changez de motif à tout moment, directement depuis l'application.

Select your preferred mowing style: parallel strips or a natural, homogeneous result.

3.3 Cut-to-Zero Module

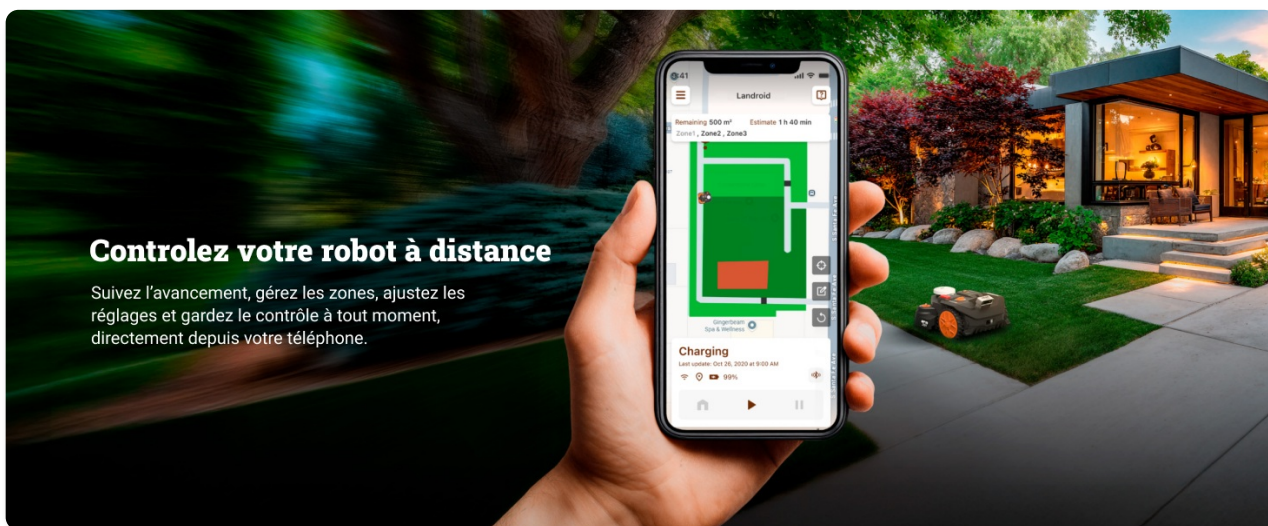
The included Cut-to-Zero module (WA0925) allows for a clean cut right to the edge of the lawn, significantly reducing the need for manual trimming along walls and borders (up to 2 cm).



The Cut-to-Zero module eliminates unfinished edges, providing a clean cut.

3.4 Landroid App Control

The Vision Cloud connects via Wi-Fi and Bluetooth, allowing easy programming and control through the Landroid app. Monitor progress, manage zones, adjust settings, and maintain control remotely from your smartphone.



Contrôlez votre robot à distance

Suivez l'avancement, gérez les zones, ajustez les réglages et gardez le contrôle à tout moment, directement depuis votre téléphone.

Control your robot remotely and manage its functions directly from your smartphone.

Gestion intelligente de la carte



Zones interdites

Définissez des zones à exclure afin d'empêcher le robot de pénétrer dans les espaces non autorisés.



Gestion multi-zones

Créez plusieurs zones de tonte avec des passages personnalisés pour des transitions fluides et maîtrisées.



Édition de la carte

Modifiez et affinez votre cartographie à tout moment pour l'adapter parfaitement à la configuration de votre jardin.

Intelligent map management allows you to define forbidden zones, manage multiple mowing areas, and edit the map.

4. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your WORX Vision Cloud robot mower.

4.1 Blade Care

The 3-blade pivoting cutting system ensures optimal mowing performance. The reverse rotation feature doubles their lifespan. Regularly inspect blades for wear and replace them as needed to maintain cutting efficiency. Replacement blades and screws are included.

4.2 Battery Management

The robot features automatic charging; it returns to its station when the battery is low or when it rains, thanks to its integrated rain sensor. The removable PowerShare battery is interchangeable with other Worx tools and can be easily removed for safe winter storage.

**POWER
SHARE™**

Batterie Powershare interchangeable

Utilisez la batterie PowerShare de votre Vision Cloud avec des dizaines d'outils WORX pour le jardin et le bricolage. Moins de coûts, moins d'encombrement, plus de projets réalisés.



The interchangeable PowerShare battery is compatible with a wide range of WORX tools.

4.3 Cleaning

Keep the robot's sensors, wheels, and cutting deck clean from grass clippings and debris. Use a soft brush or cloth. Avoid using high-pressure water jets directly on the robot.

5. TROUBLESHOOTING

If you encounter any issues with your WORX Vision Cloud robot mower, please refer to the Landroid app for diagnostic information or consult the online support resources. Common issues can often be resolved by checking the robot's path for obstructions, ensuring the charging station is properly connected, or verifying app settings.

6. SPECIFICATIONS

Feature	Detail
Model Number	WR306E
Battery	20V / 4Ah (WA3644)
Charger	3A
Recommended Mowing Area	Up to 600 m ²
Cutting Width	18 cm
Cutting Height	3-6 cm (4 positions)

Cut-to-Zero Module Cutting Height	5-7 cm (3 positions)
Navigation System	Dual 3D Camera + RTK Cloud + V-SLAM
Mowing Time per Charge	90 minutes
Max Slope Accepted	30%
Product Dimensions (L x W x H)	57.6 x 45.7 x 28.3 cm
Item Weight	15.4 kg
Material	Metal, Plastic
Power Source	Battery Powered
Included Components	1x 20V 4Ah Battery, 1x Charger, 1x Charging Station, 1x Cut-to-Zero Module (WA0925), 6x Blades and screws, 1x Allen Key, 8x Nails

first in OTA since 2016

Un investissement durable
Vision Cloud bénéficie en continu de nouvelles fonctionnalités et d'améliorations, afin que votre robot tondeuse progresse bien au-delà de son installation à la maison.

FIATLUX
***Module Phares LED vendu séparément**
Tonte nocturne, en toute sécurité
L'éclairage FiatLux rétablit une visibilité optimale après le coucher du soleil, permettant à Vision Cloud de détecter et d'éviter les hérissons et autres visiteurs nocturnes.

IPX6 Étanchéité

<60 dB
Le son du silence

The package includes the robot mower, battery, charger, charging station, Cut-to-Zero module, blades, screws, Allen key, and nails.

7. WARRANTY INFORMATION

The WORX Vision Cloud robot mower comes with a 3-year warranty (2 years standard + 1 year extended upon registration). To extend your warranty, you must register your product on eu.worx.com within 30 days of purchase. Accessories are covered by a 6-month warranty.

8. SUPPORT

For any questions, advice, or technical assistance, please contact WORX through their social media channels (e.g., "Worx France") or visit the official Worx website. Their support team can provide guidance on product usage, project suitability, and troubleshooting.

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