The Mirobot 3.0 is an autonomous and modern toolholders robot for the cowshed.

Capable of completing complex routes involving several corridors, including bends. The 1st accessory developed is a scraping blade: the MIROBOT 3.0 is a high capacity machine, capable of handling all types of manure, including very strawy manure.

Remote controlled, through its mobile app, this new generation robot will give you an enormous amount freedom every day and make maintenance operations easier to anticipate and perform.

Able to perform complex trajectories over several alleys, including curves, this intelligent robot easily adapts to all types of buildings thanks to its wire-controlled guidance and multiple adjustment options.

The advantages of digital technology are a real opportunity to be seized to reduce the arduousness of certain tasks and obligations while optimizing the economic performance of the farm and the herd!

With a simple and intuitive app, the high-tech offered on the MIROBOT 3.0 is easier to set up than a tractor box, for even more convenience and time savings!

The MIROBOT 3.0 app gives you fast and easy remote access, from a computer, tablet or smartphone.

Much more than a comfort app, it allows you to remotely monitor your installation, trigger the passage of the robot, and monitor the next operations to be performed on the robot.

By gathering and cross-referencing lots of information, the application will allow you to get a clear picture of your herd's needs and, as a result, improve their living conditions.

Main characteristics:

The MIROBOT 3.0 has been designed as a safe work tool that is quickly accepted by animals with, in particular:

- No sharp or cutting edges
- Short arms covered in rubber making them easy to step over
- A flexible, unbreakable polymer cover, with a rounded shape, enveloping the body of the scraper and wheels
- A safety system installed on the arms and cover allowing the robot to stop its trajectory and move backwards in case of an obstacle

- Its wire-controlled guidance system installed without a groove in the floor prevents the risk of the animal falling (and the accumulation of bacterial effluent residues)
- Quiet operation

Easy installation

- Ability to scrape several alleys with a single robot
- Fits different alley widths
- Trajectory by wire-controlled guidance
- A single remote controller that can centrally manage up to 5 devices
- 7-inch color touch control panel for ease of use

Safety and respect of the animals

- Integrated safety system on the arms and the cover in case of contact with animals
- High strength, sturdy polymer cover: absorbs impact to prevent animal injuries
- No visible guidance device on the floor
- Short arms covered in rubber to facilitate the passage of animals

Sturdy and efficient

- 4-wheel drive transmission for strong pushing power
- Able to follow complex trajectories
- Pivoting blades to facilitate movement and passage through narrow areas, especially when changing alleys
- The programmable shovel can be raised to reverse or change alleys without scraping
- Up to 14 rounds per day over a length of 100 meters to be scraped
- Battery charging using pin system and smart charger
- Ability to program 7 different trajectories per robot

Mobile App

- Free application
- Password protected
- Several access and administration levels according to the users
- Multi-language management
- Remote reception of personalized information via SMS or e-mail for real-time information on the operation of the robot
- Up to 14 programmable cycles per robot
- Error handling and maintenance to be performed with notifications on the home page
- Display screen for each robot
- Real-time communication with the distributor to improve response times during an operation error, thereby contributing to a reduction in machine downtime
- Long-range radio link between the controller and the robot for greater installation flexibility
- Complete: the screen lists all machine settings
- Ability to set the robot to 'delayed discharge' or 'strawy' mode for more intense scraping
- Simplified monitoring of the maintenance contract, operations performed and future operations
- System Restore in case of data loss