



Technical data

Dimensions of JOZ-tech

width	: 720 mm
length	: 1300 mm
height	: 600 mm
scraper width	: various

Weight	: 410 kg
Drive	: elektromotor
Driving speed	: 4 metres/minute
Battery	
power	: 90 Watts
capacity	: 2x24 V, 100 A/h



SLURRY HANDLING SYSTEMS

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SLURRY HANDLING SYSTEMS

- fully automatic
- for every type of barn
- animal-friendly



JOZtech

THE ROBOTIC BARN CLEANER



drive motor steering system

JOZtech: the robotic b

The JOZ-tech robotic barn cleaner is a fully automatic cleaning system for livestock houses. Several cleaning routes in the barn can simply be programmed with this system. The animal-friendly JOZ-tech scrapes the manure alley's clean at a speed of approximately 4 metres per minute, even in the tightest corners. The robot is made of non-wearing components and has a high capacity battery. Charging occurs automatically on a charging platform, which can be mounted anywhere in the barn.



battery charger

drive motor front wheel



Suitable for all barns

The JOZ-tech is suitable for all livestock barns. Large surfaces and driving distances present no problems. The battery has a high capacity. If the power becomes too low, the robot receives a signal and goes directly to the charging platform to be charged automatically. The JOZ-tech can turn on its own axis and, because of its manoeuvrability, it is possible to thoroughly clean the narrowest manure and transverse paths.

Several cleaning routes

Several cleaning routes can be programmed with the fully automatic cleaning system. This is useful for livestock holders because they can programme a specific route for each shift. At the same time, it is possible to clean certain areas of the barn more often, the waiting areas for the milking parlour, for example. Programming is fairly simple and, in principle, only needs to be done once. Transponders in the floor ensure that the robot stays on the right track.

transponder in slatted floor



arn cleaner



Little maintenance and few obstacles

The robotic cleaner contains hardly any wearing parts. This makes the cleaning system very maintenance-friendly and hardly subject to breakdown. An important advantage of JOZ-tech moreover, is that there are no longer any undesirable obstacles, such as manure scrapers and corner rollers, in the barn.

Animal friendly

The silent drive ensures that the JOZ-tech is an extremely animal-friendly system, to which the cows quickly become accustomed. Furthermore, the robot is equipped with JOZ's unique cow safety system. This ensures, among other things, that the robot independently finds an alternate cleaning route if cows are blocking the passage.

- **fully automatic**
- **for every type of barn**
- **animal-friendly**