



Flexible robot removes manure on slats

DeLaval robot scraper RS250



 DeLaval

Your solution – every day

Animals scarcely notice this silent robot scraper. Safe and animal friendly, it steadily clears manure from slatted floors as it winds its way through the barn.

Sophisticated and silent

DeLaval robot scraper RS250 is a real robot at your service. Program the route or routes you want it to travel, and it will do just that – turning left or right, winding around cross alleys, straight down a long alley, cleaning almost every corner – and not disturb your cows at all.

Simplifies barn planning

With this fully automated robot scraper, planning a barn is much easier. You can focus on cow traffic, without being restricted by fixed manure scraper requirements. If you have cubicles in a slatted floor barn, plus hi-tech connectivity, DeLaval RS250 is the manure scraper for you.



Silent and efficient manure removal on slatted floors – every day

Solid, safe, automated

DeLaval robot scraper RS250 weighs a solid 410 kg, and powered by two strong batteries travels silently at a safe 4 metres per minute. It is fully automated and works in any barn layout with slatted floors. DeLaval RS250 is low maintenance and animal friendly, with an integrated cow safety system.

Cleaning capacity

One robot can clean a barn holding up to 250 cows, with a surface area of around 1250 square metres. It cleans the barn five times per day, including cross alleys. Between cleaning rounds DeLaval RS250 parks on its battery charger. Overnight recharging for 6 hours provides power for 6 hours cleaning time.

Web connectivity

The advanced technology driving DeLaval robot scraper RS250 requires hi-tech connectivity. The robot is programmed and sends information via a web server. This enables observation and route settings via internet.

Floor mounted transponders in the barn enable the robot to stay on track and give frequent feedback on its exact position. With this system it is possible to program several cleaning routes in a barn.

TECHNICAL DATA

Drive motor: 165 W
Guide motor: 90 W
Battery: 2 x 24 V, 100 A/h
Drive speed: 4 m/min
Weight: 410 kg
Cleaning blade: 130 cm to 190 cm
Length/width/height: 130/72/60 cm
Cleaning capacity: max. 250 cows
Cleans slatted floor: max. 1250 m ²
Recharging duration: 6 hours per day