



SRone

Strong – agile – tireless
for perfect barn hygiene

GEA Farm Equipment | Royal De Boer

engineering for a better world

GEA Farm Technologies

The day when your boots stay clean

If you're honest, aren't you secretly yearning for someone you can give the whole „dirty work“ business to? Now you can, officially and without any qualms – with the help of the SRone, your new tool for keeping the barn clean effectively and effortlessly.

The SRone is a robot designed specially to clean slatted floors. It pushes and scrapes tirelessly, easily traversing long passageways and connecting walkways besides getting into corners and edges to ensure clean, liquid manure free surfaces. The SRone improves barn hygiene and provides the basis for clean, healthy animals.



You and your animals will benefit from the SRone

Successful milk production starts with barn hygiene

Good hygiene standards in the barn lower infection pressure, prevent claw diseases and mastitis, and promote animal hygiene. This makes clean slatted floors essential for profitable milk production.

The SRone cleans the floor for you as often as needed to remove liquid manure – the habitat and nutrition source for pathogens, bacteria and insects – from the surface of the slats.

You'll soon come to value it: healthy claws and clean udders simplify overall herd management.

The result – healthy animals produce more milk and give rise to lower costs!

- Clean and dry claws thanks to the frequent cleaning of the passageway surfaces (recommended 6-12 times per day)



Clean paths mean fewer pathogens



Calm atmosphere in all areas of the barn

The SRone moves noiselessly between the animals without causing any agitation. Quite the opposite, the cows take to it right from the start. Flat and compact, the SRone moves smoothly under gates and carries out its work without supervision. The safety switch is particularly animal-friendly; as soon as the pushing is exceeded, it stops forward movement and starts an obstacle-avoidance manoeuvre.

SRone, the animals are also pleased to see it

Independent, through and through



Energy management at the charging station

The SRone manages its energy and charging completely independently. With a running time of up to 18 hours per day and a working speed of max. 5 m per minute, it can clean between 6,000 and 8,000 square metres of barn floor. Along fixed edges, which are installed in the barn when you buy the SRone, the slat robot cleans agilely in every corner. A minimum charge time of 6 hours, preferably overnight, completely recharges the batteries at the charging station and makes sure the SRone is ready to start on the next day.

Starts easily without any programming



Agile even in the smallest space

SRone cleans up thoroughly

The slat robot from GEA Farm Technologies is the ideal technology for cleaning both main and connecting passageways, and in particular for completely cleaning barn corners and edges.



Over 500 kg dead weight ensure a secure grip



SRone Overview

- Optimised barn hygiene in all slatted passageways
- Healthy claws, well conditioned animals = reduced treatment costs
- Extremely agile robot cleans corners, edges and angles
- Able to handle loads of up to 100 kg with integral safety switching
- Animal-friendly design ensures immediate acceptance by the cows = stress-free atmosphere in the barn
- Low maintenance costs per working hour
- Quick rubber lip replacement = only a few manual steps to remove the scraper
- Saves work time and effort



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