

Awarded the EuroTier Innovation Award in Silver: MS Schippers Presents the World's First 3-in-1 MS Smart Cleaning Robot

HAPERT, THE NETHERLANDS — Clean barns are the key to healthy livestock, yet manual cleaning requires hours of physically demanding labor every week. For a genuine world premiere in livestock farming, MS Schippers has now been awarded the **Innovation Award EuroTier Silver Medal** by the DLG New Products Commission for the **MS Smart Cleaning Robot**. This innovative system automates the entire washing cycle, helping farmers protect animal health while saving valuable time every single day.

A Complete Hygiene Cycle in a Single Automated Pass

Conventional washing robots only spray high-pressure water, leaving farmers to apply foam and disinfectants manually. The MS Smart Cleaning Robot changes everything by performing all three critical hygiene steps automatically in a single pass:

- **Chemical Foam Soaking:** Quickly and effectively dissolves grease- and protein-based dirt.
- **High-Pressure Cleaning:** Thoroughly removes remaining muck from walls, pens, and floors.
- **Disinfection:** Drastically reduces infection pressure caused by pathogens such as Salmonella.

By automating the entire process, the robot frees farmers and staff from hazardous chemical vapors, aerosols, and heavy physical strain.

Intelligent Vision Technology with Zero Setup Time

Setting up older washing systems takes considerable time and effort. The MS Smart Cleaning Robot navigates complex barn layouts entirely independently:

- **3D LiDAR Vision:** High-precision real-time sensors instantly detect passages, pens, and obstacles. No manual programming is required.
- **Maximum Reach:** A 6-meter telescopic arm with an effective reach of 7–8 meters cleans even the deepest animal-welfare pens seamlessly.
- **Ceiling Protection:** Automatic pressure control at the nozzle adjusts intensity near the ceiling to prevent structural damage.
- **Smartphone Integration:** Livestock farmers can conveniently track cleaning progress via an app while focusing on other farm management tasks.

Proven Results for Enhanced Farm Performance

Developed and tested directly in commercial pig farms, the robot delivers reliable results with every cycle. Thorough hygiene reduces disease risks, lowers medication needs, and creates a solid foundation for herd productivity.

"The Silver Medal from the EuroTier New Products Commission is a fantastic validation of our work. Our goal is to make daily barn hygiene easier, safer, and more profitable for every farmer," says Willem Pennings, Technical Lead at MS Schippers. "Automating the entire cleaning cycle gives livestock farmers back valuable time and protects their health."

Live Experience at EuroTier 2026

Would you like to see this silver-award-winning innovation live in action? Visit **MS Schippers at this year's EuroTier in Hall 11, Stand E15** to experience the MS Smart Cleaning Robot directly at the exhibition stand.

About MS Schippers

Healthy livestock is the foundation of a successful farming operation. MS Schippers supports farmers worldwide with practical expertise, high-quality products, and smart hygiene solutions. Together, we continuously improve barn hygiene for a safe and profitable future.

Media Contact:

Willem Pennings

Technical Lead (NL)

w.pennings@schippers.eu

Kevin Karl Kottsieper

Managing Director MS Schippers Germany

k.kottsieper@schippers.eu