

Modernise your washing routines





Modernise your washing routines to free up time

EVO Cleaner is a unique and patented washing robot developed for pig barns. The robot streamlines and enables automatic washing around the clock.

With easy joystick teaching you teach the robot the optimal washing routine, completely designed according to your specific barn interior and washing needs. The teach-ins only need to be done once and are stored both locally and in the cloud. The washing routines can easily be adapted to match the conditions in each individual pen. The possibility to focus the washing in areas where it is needed, makes the EVO Cleaner a time, cost and water efficient choice. EVO Cleaner can work around the clock and will send you a SMS when finished.



EVO Cleaner

Pipes and interior are no match for EVO Cleaner

No two barns are usually alike but feeding pipes and other obstacles can easily be avoided with EVO Cleaner.

It is easy to adjust the robot to different types of interiors in its washing routine. In addition to handling all types of interiors, EVO Cleaner can also be adapted to work in extra narrow barn aisles and wash pens with a depth of up to 6 meters.

Why is manual washing harmful to your health?

By washing barns manually, you get exposed to huge amounts of organic dust, which can lead to lung diseases such as chronic bronchitis and COPD even at a young age.

In addition to affecting the function of the lungs, it is also putting an enormous strain on your body and wear and tear injuries of different kind are common. When you use a washing robot, you minimise the manual washing, while at the same time make an important contribution to your and your employees' continued health.



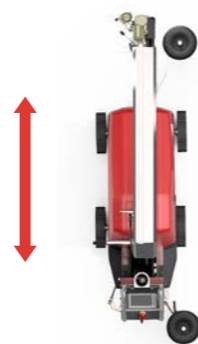
Create a biosecure and healthy work environment

A healthy and prosperous staff produces healthy and prosperous pigs, ultimately leading to improved production results. By investing in a washing robot, you create a healthier work environment while protecting the biosecurity on your farm.

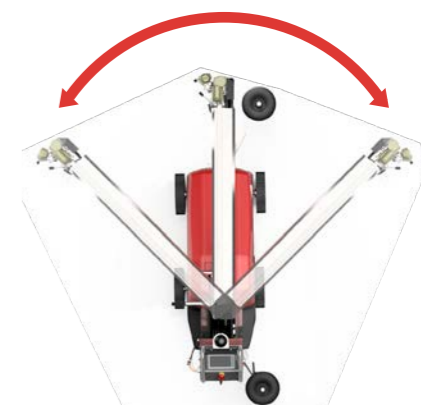
A better work environment increases the chances to keep and attract the best staff. The washing robot will free up time and enable your staff to focus on other important tasks within the production. Bringing in external washing companies involves an increased risk of infectious spreading, which can be completely avoided by using a washing robot. With a clean and healthy environment, you will lay a good foundation for the next group of pigs. Thanks to its ability to wash around the clock, the drying times are also extended, further improving the health situation of the herd.



Range of motion developed for precision



Forward/Backward



Tower



Boom



Telescope



Arm

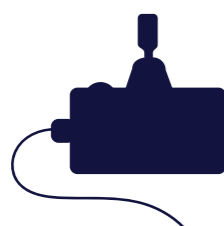


Nozzle 360°

Automated washing routines tailored to your needs

Through the smooth joystick teaching, you can create your barn's optimal washing routine.

The robot's basic teach-ins only need to be done once, but you can fine-tune or make temporary adjustments to the washing routine at any time, all according to your needs and wishes.



Joystick teaching

With a clear touch screen and a joystick, it is easy to teach the robot how to perform future washes.



Connection

Wi-fi/mobile connection to the internet for support, updates, backups and alarm function via SMS.



Low water consumption

Thanks to its smooth and precise movements, the robot has a low water consumption, approx. 14.5 l/minute.



Wash 24/7

The robot can wash around the clock, enabling more efficient washing and longer drying times.



Technical specifications

		US customary units
Total width:	680 mm	26.77 in
Total width with special wheels:	610 mm	24.01 in
Total length when retracted:	1 930 mm	75.98 in
Total height when retracted:	1 610 mm	63.39 in
Effective working range:	Approx. 6 m with double nozzle	Approx. 19.7 ft
Frame	Stainless Steel	
Power supply:	Battery (30-40h)	
Weight:	270 kg	595 lb
Alarm device:	Via internet mobile network/Wi-fi	
Hose couplings:	Stainless steel	
High pressure hose on reel:	Lenght 50 m, Ø 3/8"	Lenght 164.04 ft, Ø 3/8"
Required water pressure:	180-220 bar	
Required water flow:	15-18 litre/min	3.95-4.76 gpm

Made in Sweden with quality materials

At our office in Uppsala, Sweden, we both develop and produce EVO Cleaner. Behind Envirologic stands a fantastic team, dedicated to develop and produce world-class automated washing solutions.

To handle harsh environments, the robot is built in quality materials, such as stainless steel, aluminium, plastic and maintenance-free bearings. EVO Cleaner requires minimal maintenance and with proper care you will be able to enjoy your robot for at least 10 years.



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