WASH POWER™

Automate the unpleasant washing tasks in broiler houses and increase the joy of working



- Improving work environment for you and your employees
- Increases the efficiency and reduces up to 50% of the hard washing work
- Working day and night, weekends and holidays

The manual washing of broiler houses is hard physical work and performed in an extremely dusty environment. Either you or your workers spend a lot of valuable time for the washing, or you pay a lot of money to get it done by a cleaning company.

ProCleaner P200 handles the hardest and most exhausting part and reduces up to 50% of the time spent on manual washing, thus improving the overall work environment for you and your employees. By automizing the washing of broiler houses, you will have more time to spend on the well-being of your animals. The robot is easy to operate and designed to fit most broiler houses.

The positive feedback we have received from our customers, both domestic and international, prove that ProCleaner P200 has become an integrated part of their daily work on the farm. A reliable worker who always delivers the same good result - also at night, weekends and holidays.

Specifications for the P200

TECHNICAL DATA

Pump pressure	10 Bar*
Water volume Qmax	4500 l/hout*
Max. recommended temp. of input water	30 °C
Effective jet length from nozzle	12 m*
Dimensions L x W x H	2800 x 1500 x 1800 mm
Weight with empty buffer tank	800 Kg
Voltage	380 V
Buffer tank for water supply	400 ltr.
1" hose for water supply	15 m
Electrical cable for power supply	15 m
Power plug	16 amp. CEE
Nozzle size, long distance nozzle	6,4 mm

*) = 2,2 kW pump



- Speed control and dynamic washing angle
- Buffer tank and automatic hose rewind
- Hose length of 130 metres
- Water jet of 15 metres

Operating time and water consumption estimate

House Width	Speed (%)	Speed of hose uncoiling (cm/min)	Speed of uncoiling (m/h)
20-25 meters	15 / 20 / 25	33 / 44 / 57	20 / 26 / 34
15-19 meters	30 / 35	72 / 82	43 / 49
10-14 meters	40 / 45	98 / 110	59 / 66
Soaking only	50 / 100	120 / 250	72 / 150

House dimensions		Speed	Operating time	Water consumption m³		
Width	Length	m/h	h	9 bar	4 bar	3,75 bar
15	90	63	1,43	6,4	4,6	4,1
18	90	51	1,76	7,9	5,7	5,1
21	90	36	2,5	11,3	8,1	7,2
24	90	36	2,50	11,3	8,1	7,2
24	110	36	3,06	13,8	9,9	8,8

Options



Towbar

Double towbar for using both standard for normal cars, but also simple hook used by tractors and sometimes ATVs etc.



Hose washer on hose rewind

Double nozzle ensures washing of hose when rewinding. Good for keeping the hose clean and extending the life span.



SMS-module

It is possible to receive sms-messages directly from the robot to your mobile phone. For instance to get a notification when the washing is finished e.g.



Manual flushing system

Extra hose that can be connected to the washing unit and used in an semi-automatic follow along workflow, where you walk and wash along the washing unit while it slowly follows you.



Control valve for water pressure

With this extra valve you can control the pressure level according to the size of the broiler house.



Add-on for desinfection

Automate the process of desinfection with this option and avoid staying inside the broiler house during this. A big improvement in terms of working environment.

How it works

