ProCleaner

P200



Washing Robot for Poultry Houses

Powerful, Flexible and Reliable

Technical Brochure

- Specifications
- Options
- Technical data

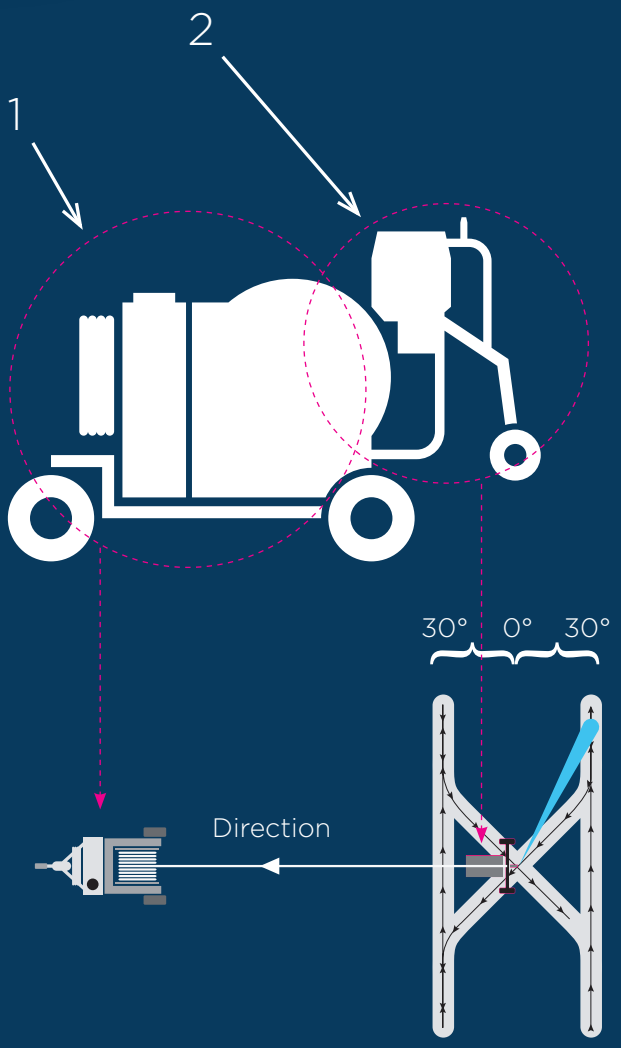
WASH POWER™
Make cleaning easy

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1. Reel unit
2. Washing unit
3. Control panel
4. Buffer tank
5. Nozzle
6. Water supply hose
7. Power supply cable
8. Automatic wheel brake
9. V-belt tightener



Specifications

Water jet of 12 metres
With the specially developed nozzle, ProCleaner P200 washes up to 12 metres in distance and 360 degrees so that ceilings, walls, gables and floors are being washed.

Hose length of 130 metres
With a hose length of up to 130 metres the Pro-Cleaner P200 can also be used in long broiler houses.

Speed control and dynamic washing angle
Helps ensure that the ProCleaner P200 can be programmed for different barn designs. This ensures efficient washing of ceilings, walls, gables and floors in the vast majority of open houses.

Touchscreen for easy setup
The built-in touchscreen makes the ProCleaner P200 easy to use and set up to suit most open type of houses.

Buffer tank and automatic hose rewind
The built-in 400-litres buffer tank ensures optimum flow, and the automatic hose rewind means you don't have to supervise your washing robot while it is doing the hard work of washing.

Optional:

- Towbar
- Hose washer on hose rewind
- Double wheel for washing unit (export only)
- Manual flushing system
- Control valve for water pressure
- Pump 1,1 and 1,5 kW

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

* = 2,2 kW pump

Operating time and water consumption

The figures in the table are only intended as a guide, as the figures may vary from machine to machine. The tests were carried out with a standard 6.4 mm nozzle and 2.2 kW pump.

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

House dimensions		Speed	Operating time	Water consumption m^3			Water consumption (l/pr. m^2 floor)		
Width	Length	m/h	h	9 bar	4 bar	3,75 bar	9 bar	4 bar	3,75 bar
15	90	63	1,43	6,4	4,6	4,1	4,76	3,43	3,05
18	90	51	1,76	7,9	5,7	5,1	4,9	3,53	3,14
21	90	36	2,5	11,3	8,1	7,2	5,95	4,29	3,81
24	90	36	2,50	11,3	8,1	7,2	5,21	3,75	3,33
24	110	36	3,06	13,8	9,9	8,8	5,21	3,75	3,33


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