

WSD 50



WSD 50 D 55 CHEM - D 60 CHEM



Product Identification

MODEL	CODE
WSD 50 D 55 CHEM	10.5055.01
WSD 50 D 55 BC CHEM	17.5055.01
WSD 50 D 55 BC Lithium CHEM	14.5055.91

MODEL	CODE
WSD 50 D 60 CHEM	10.5060.01
WSD 50 D 60 BC CHEM	17.5060.01
WSD 50 D 60 BC Lithium CHEM	14.5060.91

Technical specifications

FEATURES		WSD 50 D 55 CHEM	WSD 50 D 60 CHEM
Cleaning width	mm	530	600
Squeegee width	mm	750	750
Productivity (theoretical - practical)	m ² /h	2650 - 1690	3050 - 1830
Power supply		24V battery	24V battery
Installed power	W	1108	1058
Advancement		Driven	Driven
IP Code		IPX3	IPX3

BATTERIES

Type		Set of 2 gel batteries 2V 105Ah (*) - Lithium battery 24V 100Ah (**)	Set of 2 gel batteries 12V 105Ah (*) - Lithium battery 24V 100Ah (**)
Running time	h - min	2 h 55 min (*) - 3 h 16 min (**)	2 h 50 min (*) - 3 h 2 min (**)

Battery compartment dimensions x number	mm x nr	345x345x295 X 1	345x345x295 X 1
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BRUSHES

Pad diameter x number	mm - inch x nr	530 - 21" x 1	310 - 12" x 2
Motor rating x number	W x nr	500 x 1	450 x 1
Motor speed	rpm	165	200
Down pressure contact pressure	Kg - g/cm ²	20;30 - 13;20	20;30 - 20;30

TRACTION			
Motor rating	W	180	180
Driving speed	Km/h	5	5
Hill climbing ability (full load)	%	2	2
Hill climbing ability (empty)	%	12	12
VACUUM			
Motor rating	W	380	380
Vacuum (water column)	mbar - mmH ₂ O	105 - 1050	105 - 1050
Air flow rating	l/s	45	45
Noise level	dB(A)	<70 - <70 (***)	<70 - <70 (***)

TANK

Type		Double tank	Double tank
Cleaning solution tank	l	50	50
Recovery tank	l	50	50
Weight (empty - with batteries)	Kg	85.5 - 162.5 (*) - 20.5 (**)	86 - 163 (*) - 121 (**)
Dimensions	mm	1339x801x1069	1236x801x1069

(*) For BC version

(**) For BC Lithium version

(***) Silent mode function

Main technical specifications

WSD 50 is the walk-behind scrubber-dryer designed for excellent performance in medium-sized areas.

With a capacity of 50 litres, a 530 mm cleaning width and a suction width of 750 mm, the single-brush D 55

model ensures productivity of 2650 m²/h, while the double-brush D 60 model guarantees an output of 3050 m²/h thanks to its 600 mm cleaning width and 750 mm suction width.

50 l
tank capacity

WSD 50
D 55 53 cm
cleaning width

WSD 50
D 60 60 cm
cleaning width

75 cm
squeegee width

2650 m²/h
productivity

3050 m²/h
productivity

Handle with touch system and integrated control panel



TOUCH SYSTEM

Two sensors integrated directly into the handle allow you to activate all the previously selected machine functions. Just a simple touch to gain immediate control of the machine, thus making each work session simpler and more practical.

If the scrubber-dryer is inactive for more than 5 seconds, it goes into stand-by mode and you must touch the two touch sensors on the handle simultaneously to reactivate it.



ECO SYSTEM

The program that reduces consumption and eliminates waste maintaining the best cleaning performance while respecting the environment. With this function, in fact, water, chemical concentration and suction power are reduced to a minimum.



REVERSE

For agile manoeuvres, especially with full load.



SPEED CONTROL

Two separate keys that allow you to increase or decrease the speed of the machine thanks to 5 selectable levels (max 5 km/h).



INSTANT FEEDBACK

Digital display that allows you to monitor the status of all machine functions.



ELECTRONIC REGULATION OF THE WATER

To set the most suitable amount of water for each situation (5 selectable levels).



SUCTION AND SILENT MODE

The button that allows you to activate suction and reduce the noise of the machine, making it particularly suitable for day-cleaning in sensitive environments such as hospitals, nursing homes and schools.



CHEMICAL MIXING SYSTEM

To set the detergent concentration (5 selectable levels).



BRUSH

To activate and deactivate the brush.



BRUSH RELEASE FUNCTION

The button that allows you to release the brush automatically.





Excellent cleaning performance



The powerful 500 W (D 55) and 450 W (D 60) brush and 380 W suction motors, the different brush heads, 21" single-brush and 24" double-brush, the durable squeegee and the quality accessories that come as standard with the machine allow the WSD 50 to guarantee impeccable cleaning results.

Furthermore, to tackle the most stubborn dirt it is possible to increase the brush pressure on the ground by 10 kg by moving the pedal on the back of the machine upwards.

The machine is also equipped with a **level sensor**, installed inside the recovery tank, which automatically blocks suction when the tank is full, thus allowing the user to work in complete tranquillity without having to worry about continuously checking the status of the recovery tank. Finally, WSD 50 is equipped with a **front LED light** integrated into the machine to ensure maximum visibility during work, even in poor lighting conditions.



High running time



WSD 50 D 55 and WSD 50 D 60 are available in six configurations: two basic versions and four full package versions, BC CHEM and BC Lithium CHEM, complete with batteries and chargers.

The BC versions guarantee a running time of approximately 3 hours, while the BC Lithium CHEM versions offer even longer duration.

In addition, lithium-ion batteries allow greater flexibility of use with the possibility of quick recharging even during short breaks.



Robust and manoeuvrable



WSD 50 is characterised by high strength and robustness: all parts of this machine have been designed to ensure **maximum robustness and reliability** and made from high-quality materials.

In addition, the ergonomic handle with vertical grip, the adjustable and compact foot pedal squeegee, the two pivoting wheels under the

chassis and the 'short wheelbase' are the main features that make the WSD 50 **"extremely practical and comfortable"**, perfect for working on any surface and in any working environment.



Practical and fast routine maintenance



Daily maintenance is facilitated thanks to the recovery tank with a large opening, which facilitates inspection and cleaning: the suction filter is easily accessible and cleanable, as is the practical debris tray, which allows for quick handling of large suctioned debris. Access to the brushes, thanks to the convenient brush release button on

the machine's control panel, and the squeegee is also straightforward. The latter is designed to be removed and disassembled without the use of tools.

WSD 50 SM 55 - SD 55



Product Identification

MODEL	CODE
WSD 50 SM 55	10.5058.01
WSD 50 SM 55 BC	13.5058.01

MODEL	CODE
WSD 50 SD 55	10.5056.01
WSD 50 SD 55 BC	13.5056.01
WSD 50 SD 55 BC PLUS	15.5056.01

Technical specifications

FEATURES		WSD 50 SM 55	WSD 50 SD 55
Cleaning width	mm	530	530
Squeegee width	mm	750	750
Productivity (theoretical - practical)	m ² /h	2120 - 1270	2650 - 1690
Power supply		24V battery	24V battery
Installed power	W	880	1060
Advancement		Manual	Driven
IP Code		IPX3	IPX3

BATTERIES

Type		Set of two 12V 76Ah Gel batteries (*)	Set of 2 gel batteries 12V 76Ah (*) - Set of 2 gel batteries 12V 105Ah (**)
Running time	h - min	2 h 36 min (*)	2 h 12 min (*) - 2 h 55 min (**)

Battery compartment dimensions x number	mm x nr	345x345x295 X 1	345x345x295 X 1
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BRUSHES

Pad diameter x number	mm - inch x nr	530 - 21" x 1	530 - 21" x 1
Motor rating x number	W x nr	500 x 1	500 x 1
Driving speed	rpm	165	165
Down pressure contact pressure	Kg - g/cm ²	20;30 - 13;20	20;30 - 13;20

TRACTION			
Motor rating	W	---	180
Maximum travel speed	Km/h	4	5
Hill climbing ability (full load)	%	2	2
Hill climbing ability (empty)	%	12	12

VACUUM

Motor rating	W	380	380
Vacuum (water column)	mbar - mmH ₂ O	105 - 1050	105 - 1050
Air flow rating	l/s	45	45
Noise level	dB(A)	<70	<70

TANK

Type		Double tank	Double tank
Cleaning solution tank	l	50	50
Recovery tank	l	50	50
Weight (empty - with batteries)	Kg	78 - 137.5	84 - 143.5 (*) - 161 (**)
Dimensions	mm	1339x801x1069	1339x801x1069

(*) For BC version

(**) For BC PLUS version

Main technical specifications

WSD 50 SM, manual, and WSD 50 SD, driven, represent the ideal solution for those looking for a robust, compact and efficient scrubber-dryer, capable of combining high cleaning performance with practical and fast management of the machine.

50 litre capacity, 530 mm cleaning width and 750 mm squeegee width ensure a productivity of up to 2650 m²/h, guaranteeing fast and effective results even in the most complex environments to clean.

50 l
tank capacity

53 cm
cleaning width

75 cm
squeegee width

2120-2650 m²/h
productivity

Simply Manual and Simply Driven

The models designed to combine the best scrubbing and drying performance with extreme ease of use, perfectly combining practicality and affordability, and obtain professional results thanks to simple and immediate interaction with the operator.



Handle with touch system and simplified control panel



TOUCH SYSTEM

Two sensors integrated directly into the handle allow you to activate all the previously selected machine functions.

Just a simple touch to gain immediate control of the machine, thus making each work session simpler and more practical.



VACUUM

Switch to activate and deactivate the suction.



POTENTIOMETER

To adjust the machine's travel speed, available only for the SD model (maximum speed 5 km/h).



BRUSH

Activation and deactivation by button.



REVERSE

By holding down the button, available only on the driven model, it is possible to drive the machine in reverse.

Accessories

STANDARD ACCESSORIES		D 55 CHEM	D 60 CHEM	SM 55	SD 55
MODEL	CODE				
Solution tank filling hose	30.0024.00	•	•	•	•
12" Polypropylene brush Ø 0.7 (*)	40.0001.00		•		
21" Polypropylene brush Ø 0.7	40.0003.00	•		•	•
Brush Solution Diffuser	96.0207.00	•		•	•
Detachable splash guard (without bristles)	24.0266.00	•		•	•
Detachable splash guard (without bristles)	24.0558.00		•		
Splash guard bristles	40.4012.00	•		•	•
Splash guard bristles	40.4013.00		•		
Natural rubber squeegee blade set (front/back)	96.0234.00	•	•	•	•
Set of two 12V 76Ah Gel batteries (**)	18.0000.00			•	•
Set of two 12V 105Ah Gel batteries (***)	18.0001.00	•	•		•
Lithium battery 24V 100Ah (****)	18.0112.00	•	•		
On board charger 24V 11A (**) (***)	22.0875.00	•	•	•	•
On board charger 24V 15A (****)	18.0113.00	•	•		
Chemical mixing system	22.0872.00	•	•		
OPTIONAL ACCESSORIES		D 55 CHEM	D 60 CHEM	SM 55	SD 55
MODEL	CODE				
12" Polypropylene brush Ø 0.9	40.0101.00		•		
21" Polypropylene brush Ø 0.9	40.0103.00	•		•	•
12" Polypropylene brush Ø 1.2	40.0301.00		•		
21" Polypropylene brush Ø 1.2	40.0303.00	•		•	•
12" Tynex brush Ø 1.2 grit 80	40.0201.00		•		
21" Tynex brush Ø 1.2 grit 80	40.0203.00	•		•	•
290 mm drive disc (for 12" pad)	40.1001.00		•		
485 mm drive disc (for 20" pad)	40.1003.01	•		•	•
Polyurethane squeegee blade set (front/back)	96.0234.01	•	•	•	•
Water Stop Kit	96.0233.00	•	•	•	•

(*) 2 as standard - (**) For SM 55 BC and SD 55 BC models - (***) For D 55 BC, D 60 BC and SD 55 BC PLUS models - (****) For D 55 BC Lithium and D 60 BC Lithium models





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