

# WSD 50 D 55 CHEM

## Walk behind scrubber dryers WSD 50 SERIES - with TRACTION

**WSD 50 D 55 CHEM is the walk-behind scrubber-dryer designed to guarantee excellent performance in daily cleaning operations in medium-sized areas.** With a capacity of 50 litres, a scrubbing track of 530 mm and a suction width of 750 mm, it ensures an hourly output of 2650 m<sup>2</sup>/h. The powerful, high-efficiency suction motor ensures excellent performance with low energy consumption, while the ergonomic handle and practical Touch System with integrated dual sensors allow precise control of the machine, making every work session easier and more comfortable. WSD 50 D 55 is designed to simplify all day-to-day maintenance operations: the recovery tank has a large opening for easy inspection and cleaning, the easily removable debris tray allows for quick residue management and the brush release function is automatic. Relevant features of the machine include the Silent Mode function, ideal for cleaning in sensitive environments thanks to its low noise level, and the ECO System, which optimises consumption without compromising washing efficiency. The Chemical Mixing System, the detergent dispensing and dosing system, completes the standard equipment. WSD 50 D 55 is available in three configurations: a basic version and two full package versions, BC CHEM and BC Lithium CHEM, complete with batteries and charger. The BC version guarantees a running time of about 3 hours, while the BC Lithium CHEM version offers an even longer duration, with the possibility of quick recharging even during short breaks, for the best operational flexibility.



### PRODUCT IDENTIFICATION

Type	Ref. No.	Pieces/pallet
WSD 50 D 55 CHEM	10.5055.01	1
WSD 50 D 55 BC CHEM	17.5055.01	1
WSD 50 D 55 BC Lithium CHEM	14.5055.91	1



- 1 Control panel with integrated display
- 2 Ergonomic handle + integrated Touch system
- 3 Brush release function
- 4 Wide recovery tank: easy access and cleaning
- 5 Easy access to all main components
- 6 Equipped with front LED light
- 7 Lithium battery (BC Lithium CHEM version)
- 8 Chemical mixing system

### TECHNICAL DATA

#### FEATURES

Cleaning width	mm	530
Squeegee width	mm	750
Productivity (theoretical - practical)	m <sup>2</sup> /h	2650 - 1690
Power supply		Battery 24V
Installed power	W	1108
Advancement		With traction
IP code		IPX3

#### BATTERIES

Type	Gel battery set (2 pcs) 12V 105Ah (*) - Lithium battery 24V 100Ah (**)	
Running time	h - min	2 h and 55 min (*) - 3 h and 16 min (**)
Battery compartment dimensions x No	mm x No	345x345x295 X 1

#### BRUSHES

Pad diameter x No	mm - inch x No	530 - 21" x 1
Motor rating x No	W x No	500 x 1
Motor speed	rpm	165
Down pressure - Contact pressure	Kg - g/cm <sup>2</sup>	20;30 - 13;20

#### TRACTION

Motor rating	W	180
Driving speed	Km/h	5
Hill climbing ability (full load)	%	2
Hill climbing ability (empty)	%	12

#### VACUUM

Motor rating	W	380
Vacuum	mbar - mmH <sub>2</sub> O	105 - 1050
Airflow rating	l/s	45
Noise level	dB(A)	<70 - <70 (***)

#### TANK

Type		Double tank
Cleaning solution tank	l	50
Recovery tank	l	50
Weight (empty/with batteries)	Kg	85,5 / 162,5 (*) - 120,5 (**)
Dimensions	mm	1339x801x1069

### Standard Accessories

Type	Ref. No.
Solution tank filling hose	30.0024.00
21" Polypropylene brush Ø 0.7	40.0003.00
Brush Solution Diffuser	96.0207.00
Detachable brush deck splash guard (without bristles)	24.0266.00
Brush deck splash guard bristles	40.4012.00
Set front+rear natural rubber squeegee blades	96.0234.00
Gel battery set (2 pcs) 12V 105Ah (*)	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

Type	Ref. No.
21" Polypropylene brush Ø 0.9	40.0103.00
21" Polypropylene brush Ø 1.2	40.0303.00
21" Tynex brush Ø 1.2 grit 80	40.0203.00
Pad holder 485 mm (for 20" pad)	40.1003.01
Set front + rear polyurethane squeegee blades	96.0234.01
Kit Water Stop	96.0233.00

(\*) For BC CHEM version  
 (\*\*) For BC Lithium CHEM version  
 (\*\*\*) Silent mode function