T581



Micro-rider scrubber-dryer

Maneuverability in a compact rider
Quiet sound level, intuitive controls and compact design allow for easy operation and anytime cleaning. The T581 is ideal for cleaning large spaces in areas such as retail stores, hospitals and schools.

Available technologies

Chem-Dose cleaning system

Worry-free operation and maintenance with optional lithium ion batteries.



Maneuverable and productive
Compact design easily fits into most congested spaces, and can quickly reach many areas of a facility to get more cleaning done.



Simple operation
Ease of start-up and quick training with one-button cleaning operation that lowers the scrub head and squeegee at the same time.



Versatile cleaning with Chem-Dose system
Increase consistent cleaning performance and reduce cost to clean with integrated chemical dosing system.

Inside the **T581**

1. **Easily change water flow rate** and other cleaning functions from intuitive control panel.
2. **Multi-stage vacuum motor** for strong water pick-up.
3. **Quick, mess-free tank** draining with large, pinch-style recovery tank drain hose.
4. **Large solution tank** with level gauge and drain hose.
5. **Consistent water pick-up** with durable "V" shaped squeegee design and standard Linatex® squeegee blades.
6. **Simple no-tools,** no-touch brush change system.



T581 specifications

FEATURE	SELF-PROPEL	SELF-PROPEL
Cleaning path	550 mm	700 mm
Productivity (per hour) theoretical max	3289 m^2/hr	4177m^2/hr
Estimated coverage (per hour)*	2038 m^2/hr	2645 m^2/hr
Scrubbing speed	6,0 kmh	
Scrub head and squeegee raise/lower	independent actuators	
Brush/pad speed	150 rpm	220 rpm
Brush/pad pressure	22 kg	10 up to 50 kg
Solution tank capacity	78,5 L	
Recovery tank capacity	80 L	
Battery run time - up-to hours**	2.3	4.5
Battery voltage	24V (2 x 12)	24V (4 x 6)
Dimensions (LxWxH)	1310 x 673 x 1030 mm	1310 x 760 x 1030 mm
Squeegee width	710 mm	924 mm
Weight (with heaviest battery)	211 kg	283 kg
External radius (wall to wall)	1851 mm	
Maximum climbing angle	8%	16%
Sound level (operator's ear)***	65 dB	
Chem-Dose tank capacity	3 L	

Specifications subject to change without notice.
**Estimated coverage rates use the practical speed and empty/fill time standards from the 2004 ISSA Cleaning Times handbook.*
***Run times are based on Continuous Scrubbing Run Times.*
****Sound levels per ISO 11201 as recommended by the American Association of Cleaning Equipment Manufacturers & OSHA*

T581 lithium-ion specifications

FEATURE	SELF PROPEL		SELF PROPEL	
Cleaning path	550 mm		700 mm	
Productivity (per hour) theoretical max	3289 m^2/hr		4177m^2/hr	
Estimated coverage (per hour)*	2038 m^2/hr		2645 m^2/hr	
Scrubbing speed	6,0 kmh			
Scrub head and squeegee raise/lower	independent actuators			
Brush/pad speed	150 rpm		220 rpm	
Brush/pad pressure	22 kg		10 up to 50 kg	
Solution tank capacity	78,5 L			
Recovery tank capacity	80 L			
Battery Type	50 Ah Lithium-Ion	90 Ah Lithium-Ion	50 Ah Lithium-Ion	90 Ah Lithium-Ion
Charger Type	Off board charger			
Battery charging time up-to hours**	2h			
Battery run time - up-to hours**	2h30	4h	2h	3h
Battery voltage	27,8			
Dimensions - L x W x H	1310 x 673 x 1030 mm		1310 x 760 x 1030 mm	
Squeegee width	710 mm		924 mm	
Weight (with heaviest battery)	293 kg			
External radius (wall to wall)	1851 mm			
Maximum climbing angle	8%		16%	
Sound level (operator's ear)***	65 dB			
Chemical dosing	Option available			
Chem-Dose tank capacity	3L			

Specifications subject to change without notice.
**Estimated coverage rates use the practical speed and empty/fill time standards from the 2004 ISSA Cleaning Times handbook.*
***Run times are based on Continuous Scrubbing Run Times.*
****Sound levels per ISO 11201 as recommended by the American Association of Cleaning Equipment Manufacturers & OSHA*

For a demonstration or additional information,
call **+32 3 217 94 11** or email **europe@tennantco.com**

©2025 The Tennant Company logo and other trademarks designated with the symbol "®" are trademarks of Tennant Company registered in the United States and/or other countries. Tennant Company's products are sold and serviced through subsidiaries of Tennant Company and distributors. All rights reserved.

Tennant Europe
tennant.eu