CLEANTECH



TOOLS Line

WILLMOP 50

The human side of cleaning

tsm

+971 4 235 1979 sales@cleantech-gulf.com cleantech-gulf.com

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sales@cleantech-gulf.com
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WILLMOP 50

For crowded spaces, one hand is enough.

Commercial areas, hospitals, schools, restaurants and sports centres present us with complex cleaning challenges: surfaces full of obstacles, spaces that are difficult to reach, higher hygiene standards to maintain. However, even when the environments become larger and more crowded, the job doesn't have to be difficult for those who perform it. Just equip yourself with the right tools.

For all these reasons we have developed WILLMOP 50, the lightest and most manageable vertical scrubber-dryer on the market, that combines the high-performance of a professional machine with the flexibility of a traditional mop, allowing a virtually continuous use thanks to the new generation lithium battery.

Applications

PROFESSIONAL CLEANING	●●●●●	WELLNESS AND SPORTS	●●●●●
RETAIL & GDO	●●●●●	TOURISM SECTOR	●●●●●
INDUSTRIAL SECTOR	●●●●○	HO.RE.CA	●●●●●
HEALTH	●●●●●	AUTOMOTIVE	●●●●●
PUBLIC	●●●●●	TRANSPORT	●●●○○

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HOW IT WORKS

SCRUBBING PATH	TANKS CAPACITY	COVERAGE PERFORMANCE	WORKING TIME
50 cm	5/7 l	2100 m²/h	~ 1,15 h

Sensitive handle

With one hand you can perform all the cleaning operations that you want.

Intuitive console

Easy to use, it doesn't require any training. It also has an integrated hour-usage counter.

Swappable lithium battery

21A or 29A lithium batteries, with charge indicator. Easily interchangeable with a second charged unit to guarantee infinite work cycles (24/7).

Smart steering

Removing the hands from the handle, the machine remains upright and automatically enters the stand-by mode.



360° use flexibility

Fully 360° rotatable steering guarantees a revolutionary manoeuvrability especially for the areas difficult to reach.

Water refill

Tanks are easily removable; the transparent water tank is equipped with a convenient refill hose.

Transfer wheels

Using the rear wheels WILLMOP 50 can be moved from room to room without the need to lift.

Scrubbing pressure

The unit cleans with 25 kg of constant pressure on the floor, regardless of the handle position.

Scrub and dry

The squeegee is electrically lifted for activities that don't require drying.

Bumpers

It is protected by 6 bumper wheels that allow you to clean along the wall without leaving marks.

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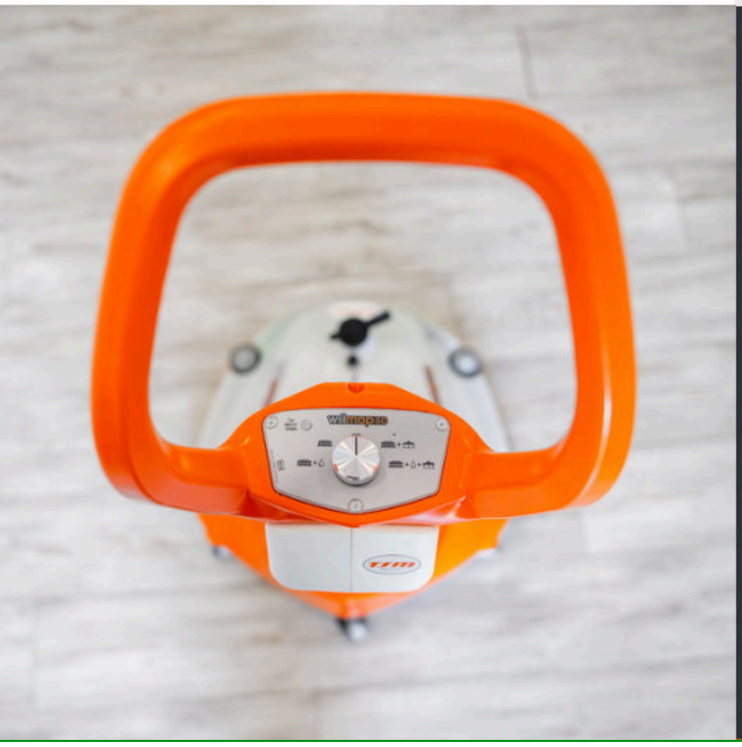
Let us carry the weight for you.

We developed an exclusive joint that allow you to work with one or two hands, depending on your preference. Thanks to the feeling of lightness of use, the WILLMOP 50 ensures an ergonomic operating position and, minimal effort during the entire cleaning activity.

Feeling of freedom.

The WILLMOP 50 steering allows a full 360° range of unrestricted movement. Its incredible manoeuvrability facilitates the cleaning of all areas that are hard to reach for traditional machines, such as beneath tables, under sinks and between chairs.





SENSITIVE TOUCH SYSTEM

Your safety matters.

The activation of the cleaning program selected with the cursor takes place through the innovative SENSITIVE TOUCH SYSTEM, which allows you to grip the handle at any point. When you need to detach both hands from the handle, the steering-column remains upright without falling to the ground. WILLMOP 50 automatically engages stand-by mode, until you take hold of the handle again to continue cleaning.

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The invisible dirt is only for others.

The brushes cover a 50 cm cleaning path, offering exceptional performance on large surfaces as well as in the tightest of spaces.
WILLMOP 50 is unbeatable along the edges of walls and even in dark spaces such as beneath furniture, thanks to the front LED lights.







In depth, but without making noise.

In many environments, such as hospitals, nursing homes and schools, it's fundamental to maintain quiet and calm surroundings. The Energy Saving mode allows you to reduce the noise generated by the suction, ensuring maximum efficiency in total discretion.
This mode also provides a 40% water saving and over 15% of working battery-charge efficiency.

ENERGY SAVING

Details make the difference.

The recovery tank is equipped with a detection sensor that automatically switches off the vacuum motor when it's full and warns the operator when it requires emptying.
The handle allows you to easily detach the tank and transport it to the disposal point without moving the entire unit.



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WILLMOP 50 *Ecoray*

We have a common goal: your health is important to us.

In hospitals, operating theatres and nursing homes, where people's lives depend on a sterile environment, it has become increasingly indispensable to resort to sanitization systems which guarantee higher cleaning standards.

We have mounted a system of UV-C rays on the WILLMOP 50, turning it into the Ecoray version, the only vertical scrubber dryer that cleans and disinfects floors without the use of harmful chemicals.



How it works?

The wavelength C (with a frequency of 260 nm) of the UV spectrum affects the DNA of micro-organisms, destroying their cells and making reproduction impossible. In this way, micro-organisms become inactive and harmless; over time small doses of UV-C have been shown to accelerate cell death.

UV

Benefits

Eliminates bacteria, moulds for reducing the transmission of infectious diseases, and it reduces the symptoms of allergies.

No exposure to chemical products or disinfectants.

Dramatic reduction of facility downtime and cuts the costs for detergents.

It doesn't pollute the environment and improves air quality.

DISCOVER THE OTHER MODELS OF THE TOOLS RANGE



WILLSTEP 50

By adding the WILLSTEP 50 on your WILLMOP 50 transfers to various operating environments are easier, without stairs being a problem.



WILLGO

It allows the easy transport your WILLMOP 50 and the cleaning accessories you need are always kept close at hand.

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TECHNICAL DATA

WILLMOP		50	50 ECORAY
Scrubbing path	mm	500	500
Tanks capacity	l	5/7	5/7
Coverage performance	m^2/h	2100	2100
Life time UV source	h	-	9000*
Ecoray system power	microW/mm^2	-	100
Working time	h	~ 1,15	~ 1,15
Brush size	mm	2 x 250	2 x 250
Rpm brush	rpm	350	350
Brush pressure	kg	25	25
Brushes motor power	W	2 x 200	2 x 200
Squeegee width	mm	600	600
Water lift	mm H_2O	890	890
Vacuum motor	W	280	280
Voltage	V	24	24
Total power	W	680	680
Willcharge, battery charger	A/h (V)	5/8 (100-240)	5/8 (100-240)
Willpower, battery	Ah/1	21/29 (Lithium-ion)	21/29 (Lithium-ion)
Machine dimensions (Lxlxh)	mm	600x580x1180	600x580x1180
Weight with battery and water	kg	35	35

TSM reserves the right to modify the products and the related technical data at any time and without notice.

** It is the license plate indication by the bulb manufacturer. The duration is variable and also depends on the frequency of ON/OFF operations.*

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TSM - Technological Systems by Moro Srl
Via Enrico da Fiume, 32
33080 Fiume Veneto (PN) - ITALY

Tel.: +39 0434.564167
Fax: +39 0434.954069

info@tsmitaly.com
www.tsmitaly.com