



TOOLS Line

# WILLMOP

# 50

[www.tsmitaly.com](http://www.tsmitaly.com)

**TSM**

The human side of cleaning



# **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 the WILLMOP 50, a vertical scrubber dryer extremely handy and maneuverable, that combines the high-performance of a professional machine with the flexibility of a traditional mop, allowing a virtually continuous use thanks to the powerful lithium battery.

## APPLICATIONS



GOVERNMENT



TRANSPORT



SUPERMARKETS &  
SHOPPING MALLS



HEALTHCARE



HOTEL



FOOD & BEVERAGE



EDUCATION



WELLNESS & SPORT



RETAIL



INDUSTRIAL

# HOW IT WORKS



SCRUBBING  
PATH  
52 cm



TANKS  
CAPACITY  
5/7 l



COVERAGE  
PERFORMANCE  
2100 m<sup>2</sup>/h



WORKING  
TIME  
up to 80 min

## Sensitive handle

Once the hand is placed on the handle, the innovative Touch system automatically activates the selected cleaning program.

## Swappable lithium battery

Lithium battery, with charge indicator. Easily interchangeable with a second charged unit to guarantee infinite work cycles (24/7).

## 360° use flexibility

Fully 360° rotatable steering guarantees an impressive maneuverability especially for the areas difficult to reach.

## Transfer wheels

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

## Scrub and dry

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

## Intuitive console

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

## Smart steering

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

## Water refill

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

## Scrubbing pressure

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

## Bumpers

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



## Let us carry the weight for you.

We developed an exclusive and innovative 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 excellent maneuverability facilitates the cleaning of all areas that are hard to reach, such as beneath tables, under sinks and between chairs.



## 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.



## The invisible dirt is only for the traditional mops.

The brushes cover a 52 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.



## Total control at your fingertips.

WILLMOP 50 features dedicated working functions for all cleaning requirements. You can also adjust the cleaning power according to the floor conditions, by adjusting the water flow and the suction power.

The squeegee has a smart system that automatically responds by raising or lowering depending on the cleaning functionality that has been selected. With WILLMOP 50 you can clean quickly and comfortably with complete peace of mind.



## 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.



# **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.

### 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.

### 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.



### 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.



#### **WILLCARRY**

Thanks to the perfect integration with the support of WILLMOP 50, the service cart is a complete cleaning kit that guarantees high performance and efficiency during the activity.

## TECHNICAL DATA

WILLMOP	50	50 ECORAY
Scrubbing path	mm	520
Tanks capacity	l	5/7
Coverage performance	m <sup>2</sup> /h	2100
Life time UV source	h	-
Ecoray system power	microW/mm <sup>2</sup>	-
Working time	min	up to 80
Brush size	mm	2 x 260
Rpm brush	rpm	350
Brush pressure	kg	25
Brushes motor power	W	2 x 200
Squeegee width	mm	550
Water lift	mm H <sub>2</sub> O	890
Vacuum motor	W	280
Voltage	V	24
Total power	W	680
Willcharge, battery charger	A (V)	8 (100-240)
Willpower, battery	Ah/1	26 (Lithium-ion)
Machine dimensions (LxLxh)	mm	600x580x1180
Weight with battery and water	kg	34
		35

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

Willmop 50 S and Willmop 50 S Ecoray are the versions for the US and German market.



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

Tel.: +39 0434.564167

info@tsmitaly.com  
[www.tsmitaly.com](http://www.tsmitaly.com)