



PROFESSIONAL
VERTICAL
AUTOSCRUBBER



 **FIMAP**®
by YOR INTERNATIONAL

V1 Professional Autoscrubber. The global solution to clean small and medium floors that fits any environment, space or cramped conditions

The machine opens up a new segment in the cleaning market.

Now you can have the power and performance of a conventional scrubber dryer in a small, nimble and manoeuvrable machine.

The era of PROFESSIONAL VERTICAL AUTOSCRUBBERS has begun.

V1 revolutionises the cleaning of small and medium surfaces, bringing the quality of professional cleaning where a conventional scrubber dryer cannot reach.

With V1 you get the high standard of hygiene that only a scrubber dryer can give you, even when space is narrowed by an irregular layout or the presence of obstacles.

With its exceptional flexibility there is nowhere it cannot go:
effortlessly you reach the most hidden corners and complete your cleaning task quickly and successfully.



V1, made for professionals!

The **ROBUSTNESS, RELIABILITY** and **POWER** of a conventional scrubber dryer are engineered into a vertical design



Robust and reliable

- ALL THE PLASTICS are highly resistant and shockproof
- Stress-resistant aluminium **WEIGHTLESS JOINT**
- **MACHINE BODY AND SQUEEGEE** in corrosion resistant **ALUMINIUM**
- **BRUSHLESS BRUSH MOTORS**

They are a perfect choice for their compact size and very advantageous, as they are **durable** and **maintenance** and are more efficient, since they allow the full power output to be used, without dissipation.



Powerful

- **INTELLIGENT VACUUM MOTOR**, it autonomously adjusts to the amount of water to be collected, decreasing and increasing it when it is larger, optimising battery use so as to extend battery runtime.
- **350 rpm and 30 kg of BRUSH PRESSURE ON THE FLOOR** to tackle the most stubborn dirt and ensure a clean or even better than a conventional scrubber dryer.
- **ADJUSTABLE CLEANING POWER**. The amount of water and the vacuum power can be adjusted from the display changed when dealing with tougher dirt and avoid the need to perform a second cleaning.



With high operating t

- LITHIUM BATTERIES

V1 is powered by a lithium battery that delivers up to 2 hours of r. The battery is easy to replace; you can charge and always have V1 ready. Lithium batteries offer numerous advantages: long lifespan, and quick charges. They are more efficient than conventional batteries.

The automatic vacuum motor also helps, thus increasing work autonomy.

- SOLUTION TANK

With just 1 full tank of water, you can clean a floor of 700 sq.m.

* Lithium battery (24V / 25 Ah)

PRO performance to tackle the most stubborn dirt

FLOAT AND FILTER

To protect the vacuum motor, just like in PRO scrubber dryers

1 FRESH WATER TANK

Up to **30** minutes of work with 1 full tank of water

2 FRESH WATER DISPENSING

The water dispensing, evenly distributed on the two brushes, ensures uniform floor cleaning

DIE-CAST ALUMINIUM JOINT

3

- Counter-rotating brushes at **350** rpm with Brushless motors
- Up to **30** kg of pressure on the floor

Corrosion resistant

ALUMINIUM FRAME BODY AND SQUEEGEE

The exceptional v
clean
The

To ensure



All PRO functions shaped in a compact, vertical scrubber dryer

Cleaning modes for any requirement



1. PRE-CLEAN

To wet a particularly dirty area, performing a pre-cleaning action that softens the most stubborn dirt and enables a deeper cleaning



2. DRYING

To vacuum water from the pre-clean mode or accidentally spilled liquids



3. SCRUBBING AND DRYING

Floor scrubbing and drying in a single pass



4. ECO MODE

A water and energy saving mode suitable for cleaning lightly soiled floors



WEIGHTLESS technology

V1 is a professional machine that proves all its power and robustness in performance but does not strain the operator during use, thanks to the innovative WEIGHTLESS technology.

The core of the technology is the joint, which manages the machine's balance and supports its weight, so that no strain is felt during manoeuvring, even with a full water tank.

V1 can bend in any direction and achieve very tight turning radii, making it easy to reach the most challenging spots.

1. Eliminates effort

Ergonomics and manoeuvrability have been taken to the extreme to enable V1 to fulfil its purpose: to make it easy to clean the most difficult spots without any effort for the operator.



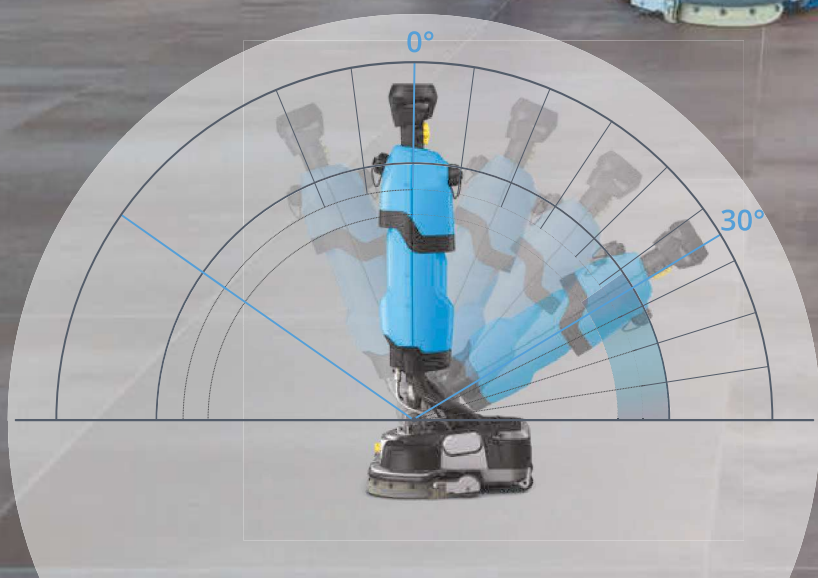
3. 2 modes of working



1. FIXED HANDLE

Conventional use, for FREE AREAS

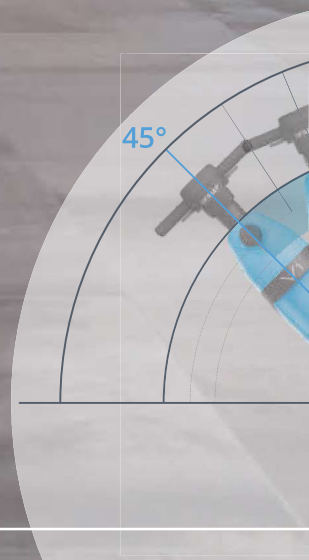
The handle is fixed to move only forwards and backwards, down to a radius of 30° . The user can adjust the height according to their own and find the most comfortable posture for working without straining the back. The use is that of a conventional floor scrubber. It can cover up to 1500 sq.m/h



2. FLEXIBLE HANDLE

The maximum flexibility, for CRAMPED SPACES

The handle is completely free and can perform any manoeuvre necessary to get around obstacles that clutter the area, bending sideways down to 45° to reach under tables. Maximum freedom of movement that does not fatigue during use is guaranteed by the Weightless technology.



You can switch from one working mode to another e just like in a PRO!

QUICK-SQUEEGEE FOOT SWITCH FOR THE SQUEEGEE ACTIVATION

The QUICK-SQUEEGEE device enables the squeegee to be activated via a foot pedal. This allows you to switch from one cleaning mode to another, such as scrubbing and drying, without bending down or using your hands. It is more hygienic, as it avoids hand contact with the dirty solution on the floor, and more ergonomic.



QUICK-TROLLEY

You can carry it everywhere like a travel trolley without

V1 is perfect for cleaning small areas, but these are not always close to each other. That's why it features a trolley system with wheels placed at the support points, allowing you to pull or push V1 like a trolley and easily take it where needed.

It takes up little
for st

When stored, V1 takes up only the space of the brush head. In the parking position, the front wheel keeps the brushes raised off the floor, preventing the bristles from



V1
profession

It's immediately ready with the **QUICK&SMART** solutions

V1 can be prepared in just a few steps, thanks to the intelligent **QUICK&SMART** solutions designed for an absolutely user-friendly experience.



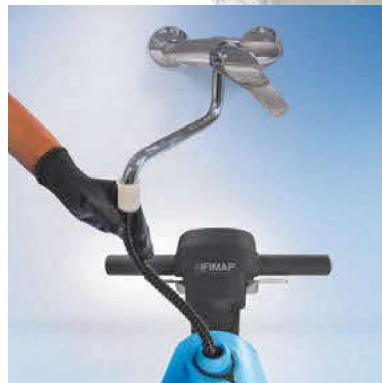
The ECO MODE function allows for immediate startup.

Press a single button, and water and suction are automatically activated in a saving mode which reduces consumption by up to 40%



CONVENTIONAL FILLING

The solution tank can be filled by placing it directly under a faucet



QUICK-TAP DRIP-GUARD HOSE

For greater convenience, you can use the drip-guard hose to fill the tank. Being connected to the faucet, it prevents water from spilling



QUICK-DOSE MEASURING CAP

The built-in dispenser allows you to measure the correct amount of detergent



QUICK-CLIP SOLUTION

The fresh water tank can be re-hooked in a flash, for filling or cleaning

Daily maintenance is so quick that it is not a burden, it only takes a little to have V1 always in shape

Regular cleaning after use ensures optimal conditions for consistent performance and extends the lifespan of both individual parts and the entire machine.

Every part that needs cleaning can be removed and reattached without tools. In just a few minutes, your V1 will be ready and in shape for the next use.



FLOAT AND FILTER

The filter is easy to detach and clean. Regular cleaning helps keep consistent performance



QUICK-BRUSHES

Maintaining the brushes in good condition is essential for consistent cleaning performance. The **Brush Wear Indicator** system allows you to visually check the brush wear, so you know when it's time to replace them. Again, no tools are required for the replacement



SQUEEGEE CLEANING

The squeegee is quick and convenient to clean as it can be removed without tools. The squeegee can be removed just as easily so that they can be turned on all 4 sides



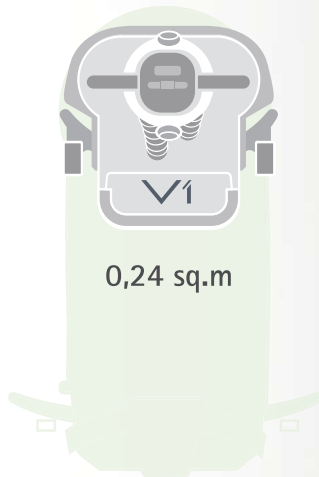
QUICK-CLIP RECOVERY
The dirty water is quickly reattached to the machine. Its design ensures that emptying the tank could cause odors.

PRO PERFORMANCE IN A MINI SIZE

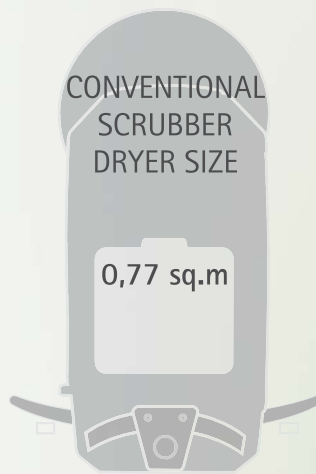
V1 can clean the same square meters as a conventional floor scrubber, delivering the same performance.

However, thanks to its ultra-compact size, it can reach areas where others cannot, cleaning up to 60% more surface area.

Mini FOOTPRINT



0,24 sq.m



CONVENTIONAL
SCRUBBER
DRYER SIZE

0,77 sq.m

V1 provides
SAME PERFORMANCE AND
as a conventional 50 cm
and more

Up to
+60%
CLEANED
SURFACE

-70%
SIZE

Reduction in packaging, transport costs,
and CO₂ emissions

-80%
WEIGHT

-90%
WATER

Resource savings

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batteries, con
required for
conver

With V1, you increase the cleaning surface coverage,
saving time and achieving a **QUICK RETURN**
ON YOUR INITIAL INVESTMENT



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V1
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un
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Batteries and battery chargers



BATTERIES
Time to full charge



Battery charger 24V 10A*
9400557 EU

Battery charger 24V 15A*
9400559 EU

24 V / 15 Ah
9400555

1h 30' (90')

24 V /
9400

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-

1h 40'

* Battery chargers are already supplied with their respective cables



CABLES AVAILABLE FOR CHARGERS



421360 EU



425678 UK



421359 US

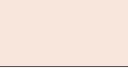


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Brushes and pads for any cleaning needs

V1 is a powerful and versatile machine able to perform any treatment on any type of floor.

The wide range of brushes and pads available can handle everything from the most difficult dirt to simple daily maintenance cleaning and polishing of delicate surfaces.

	CODE	DESCRIPTION	COLOUR	TYPE OF CLEANING
		DISC BRUSHES		
	9400151	SOFT BRUSH PPL 0,3	BLACK	Suitable for light and frequent cleaning of parquet.
	9400152	MEDIUM BRUSH PPL 0,45	LIGHT BLUE	Suited for daily and maintenance cleaning of linoleum, concrete or stone floors. Provided as standard.
	9400153	HARD BRUSH PPL 0,6	WHITE	For heavy-duty and maintenance cleaning of uneven surfaces.
	9400154	NATURAL FIBRE BRUSH	GOLD	Suitable for vinyl and wood floors, porcelain stoneware, wood.
		ABRASIVE PADS Pads suited for ordinary and extraordinary cleaning of porcelain, tuff or microporous surfaces and jointed floors.		
	9400158		WHITE	Soft pad for finishing waxed floors.
	9400155		RED	Medium-soft pad for daily cleaning.
	9400156		GREEN	Medium-hard pad for maintenance cleaning.
	9400159		BROWN	Heavy duty pad for wet and dry cleaning.
	9400157		BLACK	Hard pad for heavy duty cleaning and removal of chemicals.
		DIAMOND PADS Diamond pads are suited for polishing and sanding non-smooth surfaces as they remove dirt and polish the surface. To use the pads in progression from the coarsest to the lightest grit.		
	9400160	500 GRIT	LIGHT BLUE	It removes excess densification and polishes the surface.
	9400161	1000 GRIT	RED	Suited for a satin finish. It removes the previous layer.
	9400162	2000 GRIT	BEIGE	For a semi-gloss finish. It removes the previous layer.
	9400163	5000 GRIT	WHITE / BEIGE	For a gloss finish. It is recommended for the final stage of polishing.
		MICROFIBRE PAD		
	9400164		WHITE	Suitable for frequent and delicate cleaning of wooden and parquet floors.
		PAD HOLDERS		
	9400165	FOR ALL PADS		
	9400166	FOR MICROFIBRE PADS		

The information given in the table is for general purposes. For more detailed information on the brushes or pads to be used, please follow the floor manufacturer's specific instructions.

TECHNICAL DATA

Productivity	up to sqm/h	1380
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SCRUBBING SYSTEM

Working width	mm	460
Brush motors	(no.) V/W	(2) 24/310
Brush speed	rpm	350
Pressure on the brushes	up to kg	30

TANK AND RECOVERY SYSTEM

Solution tank	l	5
Recovery tank	l	6
Suction motor	V/W	24/200

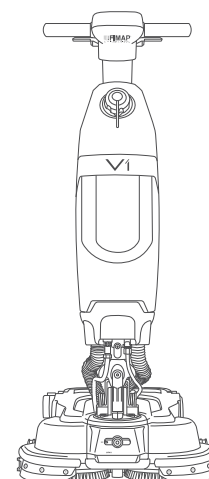
BATTERIES

Supply / traction	V/Hz	24 / Semi aut.
Battery / Run time*	(no.) V/Ah / h	(1) Lithium 24/15 / 1h (60') (1) Lithium 24/25 / 2h (120')

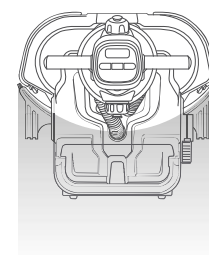
SPECIFICATIONS

Machine dimensions (L x h x w)	mm	505 x 1170 x 470
Squeegee width	mm	505
Machine weight empty without batteries	kg	24
Sound level (ISO 11201) - Eco	dB (A)	<70

* Run times are based on continuous scrubbing run times



Scrubbing path
460 mm



Drying path
505 mm



For any additional information or for a demo please contact your usual Fimap dealer



www.fimap.com

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