

OUTDOOR Line

CUBOMATIC 180

The human side of cleaning







CUBOMATIC 180

Password: Follow Me.

We have always wondered how we can make cleaning activities easier and more efficient, eliminating the strain of carrying the cleaning tools and collected waste.

This is why we developed Follow Me, the innovative autonomous driving system that identifies and automatically follows the operator wherever they pick up waste. This is done in total safety even in crowded spaces. When equipped with the Follow Me option, the Cubo 180 litter trolley becomes the Cubomatic 180, the first and only autonomously guided trolley for the collection of municipal waste.



Applications

PROFESSIONAL CLEANING	● ● ● ● ●
RETAIL & GDO	● ● ● ○ ○
INDUSTRIAL SECTOR	● ● ● ● ○
HEALTH	● ● ● ● ●
PUBLIC	● ● ● ● ●

WELLNESS AND SPORTS	● ● ○ ○ ○
TOURISM SECTOR	● ● ● ● ●
HO.RE.CA	● ● ○ ○ ○
AUTOMOTIVE	● ○ ○ ○ ○
TRANSPORT	● ● ● ● ○

HOW IT WORKS



**MAIN HOPPER
CAPACITY**
120 L



**SECONDARY BINS
CAPACITY**
2 x 30 L



WORKING TIME
~ 8 h

Safety devices

Reverse buzzer, flashing lights, parking brake.

Tools kit

Broom, litter picker and shovel to collect waste.

Differentiated bins

Of three different colours allows for proper separation of collected waste.

Bag holder

An integrated compartment to ensure continued cleaning all day.

On board battery charger

To charge batteries whenever and wherever you want.



Maintenance free battery.

Scratch-proof floor

Made of stainless steel it resists wear & tear over time.

Three wheels

Wheels of the same size to easily travel over obstacles and sidewalks.

Sensors

They detect and avoid fixed and moving obstacles.

Intuitive console

With integrated hour meter, it is simple to use without any training.

Self-Propelled

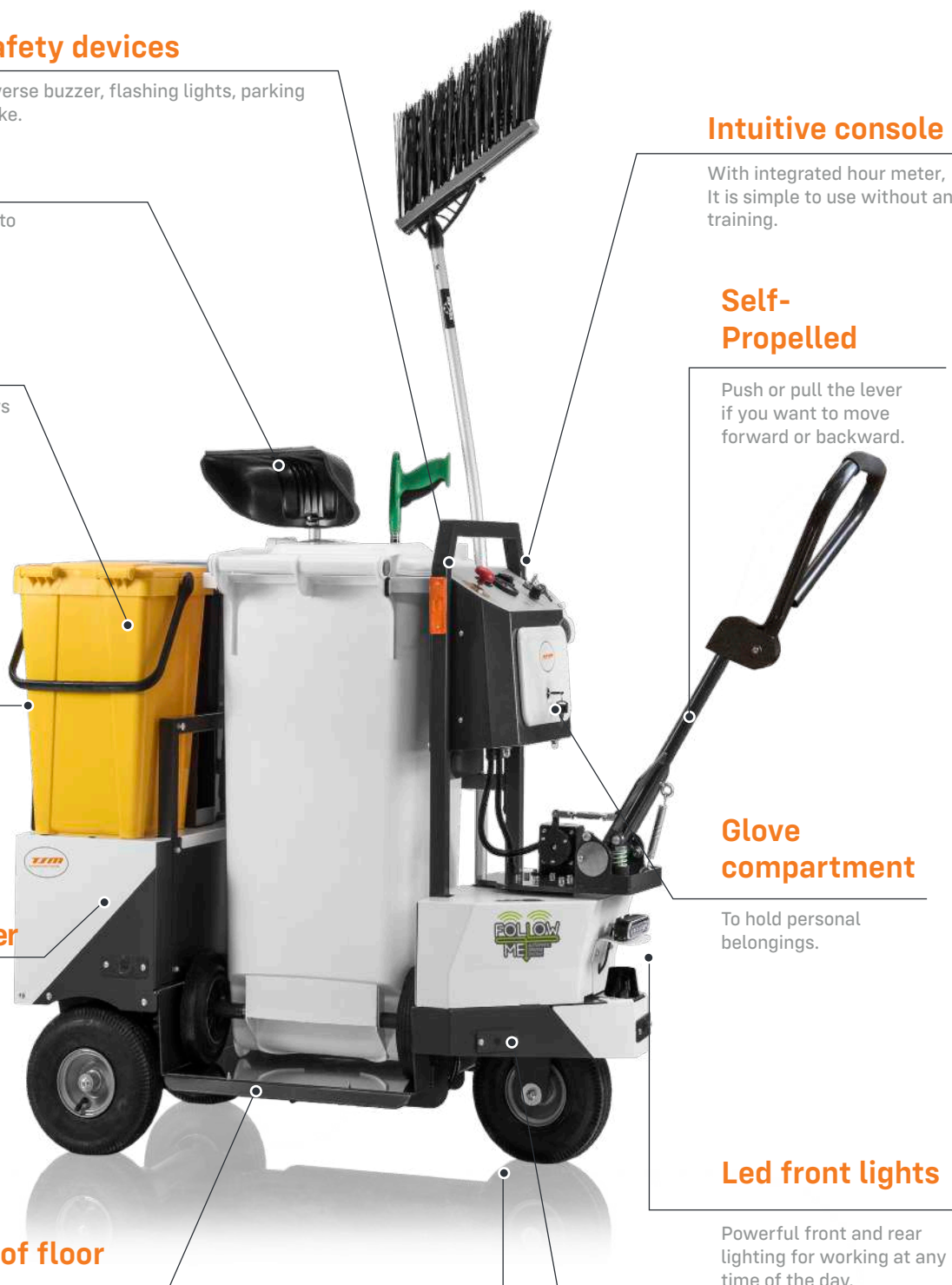
Push or pull the lever if you want to move forward or backward.

Glove compartment

To hold personal belongings.

Led front lights

Powerful front and rear lighting for working at any time of the day.





The vision of the future from TSM.

With the Follow Me system we have developed cutting edge technology that is unique in the professional cleaning sector.

By standing in front of the sensors and with the click of a single button, the CUBOMATIC 180 will recognize you as the operator and begin to follow. The full set of sensors on the machine allows it to detect and avoid fixed and mobile obstacles, guaranteeing the safety of the machine and those around it.



Zero efforts, zero worries.

While collecting waste the CUBOMATIC 180 remains one arm length away from you to allow you to ergonomically sort what you pick up. If you need to control the Cubomatic manually, you just maneuver the steering handle which automatically turns off the Follow Me system.



Your safety matters.

Using the tools provided ensures that you will always be protected and avoid coming into contact with hazardous waste.

When working at night, your safety and visibility are guaranteed by the flashing lights, front LED work light, rear red lights and buzzer.





Get noticed!

The CUBOMATIC 180 can be equipped with a rear LED screen that can display photos and video for advertising. This system is effective at informing citizens of your commitment to keeping the city clean with zero environmental impact, or to communicate upcoming events and shows that are happening in the City.



Energy at your fingertips.

The on-board charger allows you to charge the batteries wherever you want to park the CUBOMATIC 180: just connect the unit to any 110V electrical socket and you are charging! Once charging is complete, the smart charger automatically turns off the power, so you can leave the unit plugged in as long as you want.



In harmony with the environment.

Thanks to its completely electric operation, which generates zero noise or emissions, the CUBOMATIC 180 is included among the Green Purchases or GPP (Green Public Procurement). The silent operation allows you to clean litter in historic centers, pedestrian or restricted access areas, and at any time of the day without disturbing the public.



CUBOMATIC 180 Infinity

An endless advantage.

After large public events where the area and volume of waste to be collected is large, a single disposable garbage bag is not going to be enough.

With the CUBOMATIC 180 INFINITY, we decided to let you choose the size of the 3 different bag options available, allowing you to load waste however you choose. The plastic containers are replaced by resistant 3-layer polyethylene bags which you can fill, seal and replace during the day according to your waste collection needs.

Benefits



Eliminates contact with waste.



A load of bags reaches up to 110 meters.



The new bag is always ready for use.



How it works?

The whole process takes less than 30 seconds and takes place outside the bag, for closing and for replacement. The bag is first sealed at one end with a clamp; once filled, the upper end is cut and sealed for the second bag to be filled. And so on to infinity.



DISCOVER THE OTHER MODELS OF THE CUBOMATIC RANGE



CUBOMATIC SANISPRAY

It is the first electric vehicle to disinfect exterior and interior surfaces, with the exclusive Follow Me system capable of automatically following you wherever you go, avoiding fixed and mobile obstacles.

TECHNICAL DATA*

CUBOMATIC		180	Infinity
Main hopper capacity	l	120	Continuous
Secondary bins capacity	l	2 x 30	2 x continuous
Working time	h	~ 8	~ 8
Supply	-	Battery 24 V	Battery 24 V
Traction	-	Electric	Electric
Total power	W	450	450
On board battery charger	A/h	8	8
Max battery capacity (Agm)	Ah/5	(47)	(47)
Maximum gradient	%	20	20
Maximum speed	Km/h	6	6
Steering range	mm	1500	1500
Brake	-	Electric	Electric
Noise level	dB(A)	45	45
Machine dimensions (L x l x h)	mm	1400x630x1140	1400x630x1140
Weight without batteries	kg	115	112

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



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