



OUTDOOR Line

# CUBO 180

The human side of cleaning

**TSM**







# CUBO 180

## An ally in the chaos of the city.

In city centers, urban cleaning, which includes the collection of waste such as the maintenance of green areas, requires movement from one point to another often with heavy loads on the arms.

The electric trolley for urban maintenance CUBO 180 is the essential tool for the separate collection of waste, thanks to the three types of bins transported on board.

An advantage that falls on your efficiency, on the intensity of your work and on the community, which will be able to enjoy cleaner and safer environments in which to live. But above all, an advantage that is found at the end of the day, when you no longer suffer from annoying back pain, because CUBO 180 transports for you the waste and work tools you need, ensuring autonomy throughout the day on a single charge.



### Applications

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

## 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.





## Loaded, yet light.

Cubo 180 helps you transport large volumes of waste without feeling the weight: by pushing the handle the trolley will propel itself up slopes and over obstacles. With a 120L wheeled main bin and the two 30L containers, you can easily separate garbage, plastics and glass without leaving bags and other waste around.



## There is no limit to where you can work.

The CUBO 180 is the perfect tool to work wherever cleanup is needed: between buildings, stairs, slopes and alleys of the city. Even slopes are not a problem because of the powerful electric motor on the unit. Thanks to its narrow 63cm width, you can fit in the tightest spaces.



## 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 CUBO 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 CUBO 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 CUBO 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.



# **CUBO 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 Cubo 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 CUBO RANGE**



#### **CUBO SANISPRAY**

Sanitizing vehicle for treating outdoor surfaces such as benches, garden furniture, garbage cans, also suitable for indoor environments.

## TECHNICAL DATA\*

| <b>CUBO</b>                    |       | <b>180</b>    | <b>Infinity</b> |
|--------------------------------|-------|---------------|-----------------|
| 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    | 90            | 87              |

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



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