

GM1ze





KEEPS YOUR CITY CLEAN AND GREEN.

First impressions count. This does not only apply to people but also to towns, cities and municipalities. Neat and tidy public green areas, roads and paths do not only contribute to a good image for visitors and the local inhabitants, but are also a sign of a council which works perfectly. And they encourage people to keep the city clean and tidy. As far as cleaning is concerned, many details and secondary effects are important, especially as viewed by a critical public. In this context, economic efficiency is equally important as environmental compatibility.



For many years now, Green Machines have aimed to contribute decisively towards cleaner and tidier towns and cities by providing efficient and sophisticated sweeping machines. The electrically operated zero emission models are the most recent outcome of this engineering work. They not only match the exacting sustainability concepts of

urban centers, but are also extremely attractive, especially in term of costs. We have also managed to enhance the performance of all Green Machines with conventional drive systems thanks to a host of clever details. For a city, its inhabitants, the environment and for all those who handle it on a daily basis. Welcome to Green Machines!

OUR E-MISSION: ZERO EMISSION.

The climate is at risk. On both a large and a small scale. As towns and cities struggle with respirable dust and exhaust emission limits, all efforts are being made to reduce CO₂ emissions. Green Machines offers sophisticated e-sweepers for these tasks right now.



The new Green Machines model GM1ze, with its electrical drive, has already proved its worth in tough day-to-day work. Without exhaust emissions, of course. And also practically almost without noise emissions. In combination with electricity generated from solar,

wind and water power, a cleaning concept has been created which now benefits many towns and cities with lasting effect. We look forward to presenting to you the world of Zero Emission Cleaning in person.

POWER TO PERFORM.

The electrically operated Zero-Emission models of Green Machines use the latest generation of batteries. They last the whole working day. At unbeatably low energy costs. Thus, the acquisition costs pay for themselves in no time.



As an alternative, you can rent the storage battery in the scope of our program, which is good to save your assets.

GM1ze

New: The zero emission refuse cleaner.

zero emission

The revolutionary GM1ze makes broom, picker and refuse pushcart a thing of the past. This compact machine saves time thanks to the powerful storage battery, is easy to operate and considerably enhances hygiene and safety.

ze zero emission



ze



SMALL, SMART, CLEAN.

Bye bye refuse! Thanks to the GM1ze.

The features of GM1ze are obvious: special narrow design and a maximum operating time between 8 and 16 hours (depending on use). The GM1ze is predestined for low noise areas and offers improved motivation and appreciation of work for cleaning staff.



TECHNICAL SPECIFICATIONS.



GREEN MACHINESTM

GM1ze

Electric axle	36 V DC / 0.85 kW
Electric motor for suction	36 V DC / 1.5 kW SERVOMOTOR (Brushless)
Running time	8 – 16 hours depending on use
Suction Pressure	≥ 25 mbar
Speed	6 km/h
Belly Button on Tiller Head	Yes
Rabbit-turtle mode on Tiller Head	Yes
Parking brake	Yes (>180 Nm)
Manual lever on parking brake	Yes
Possibility to move the machine with the drive motor off (with manual lever)	Yes
Ambidextrous handle with automatic dead man position	Yes (automatic stop position)
Max operating weight	500 kg
Emergency stop switch on the dashboard	Yes
Direct vacuum into a standard 240 liter bin	Yes
Detailed spare parts list showing 100 % of the parts	Yes
Traction power/operating weight	2 Watt/kg
Body type	Polyester bodywork
Container	Standard 240 L
Batteries	Lead-acid: 8 – 16 hours depending on use and type batteries W 780 x L 1,480 x H 1,760
Dimensions	Yes
Steering front wheel	Yes
Ambidextrous control arm (for right and left handed operators)	Yes
Puncture proof tires (mounted with quality industrial tires and shielded ball bearings)	Yes
Timer and battery charge level gauge	Yes (timer for suction motor and traction motor)
Automatic parking brake facilitates parking, even on steep slopes	Yes
Dust filter	18 m ²
Anti-clogging grid for plastic bags, leaves etc.	Yes
Lockable storage compartment	Yes
Double soundproofing with an acoustic level approaching absolute silence	Yes

GM1ze ACCESSORIES.


Obstruction guard
Cooler box
Holder for shovel and brush
Manual gripper
Additional container
Plastic bag


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FOR A CITY WORTH LIVING.








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