

# GM1ze





KEEPS YOUR CITY **CLEAN AND GREEN.**



First impressions count. This does not only apply to people but also to cities, towns and municipalities. Neat and tidy public green areas, roads and paths do not only contribute to a good image for visitors and the local residents, but are also a sign of a council that works perfectly. 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. 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 residents, 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.



## GM1ze

|   |  |
|---|--|
| Electric axle   | 36 V DC / 0.85 kW  |
| Electric motor for suction  | 36 V DC / 1.5 kW<br>SERVOMOTOR (Brushless)   |
| Running time  | 8 – 16 hours depending on use  |
| Suction Pressure  | ≥ 25 mbar  |
| Speed   | 3.7 miles/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  | 1102 lbs   |
| 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<br>W 30 45/64 in x L 58 17/64 in x H 66 19/64 in |
| 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 m²  |
| 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



Technical data subject to change without prior notice.





FOR A CITY WORTH LIVING.





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