

# GREEN MACHINES GM1ze SERIES SPECIFICATIONS

**MODEL: GM1ze**

EN\_EU

## SUCTION

Suction Head Mounted on top of debris container with anti-clogging grid to prevent blockage by plastic bags, paper, leaves etc.

## SUCTION PRESSURE

> 25 mbar.

## MOTORS AND VOLTAGE

Drive motor with 0,85 kW (Electric axle with PMDC motor, and integrated parking brake), and 1,5 kW (brushless DC) fan motor for the suction power; Voltage: 36 V.

## TRACTION WHEELS

10 ply. Industrial tires. Puncture proof.

## WIDTH

Maximum overall width 780 mm.

## DISCHARGE LEVEL

Timer (for suction motor and traction motor) and battery charge level gauge.

## SUCTION PIPE

125 mm diameter. Fiber glass, less than 1,5 kg.

## CHASSIS

Machine material welded, durable structure, Electro-static paint.

## SPEED OF TRAVEL

Fast and slow mode on Tiller Head.

Fast Mode: 0 – 6 km/h forward speed, and 0 – 3 km/h reverse.

Slow Mode: 0 – 3 km/h forward and reverse speed.

## BATTERY CHARGER

Input Voltage: 230 V, Output Voltage: 36 V, Capacity: 25 Ah.

## BATTERIES

36 V of traction lead acid batteries (6 pcs x 6 V). Running time; 215 Ah (5 h), 260 Ah (20 h) 8 – 16 hours depending on use.

## PARKING BRAKE

> 180 Nm with manual lever. Even on a steep slope.

## MACHINE TRAVEL

Possibility to move the machine with the drive motor off.

## WATER SYSTEM

Electric water pump, intermittent water spray nozzle in container, 10 L water tank.

## DUST FILTRATION

18 m<sup>2</sup> dust filter. Dual Air filters.

## CONTROL ARM

Ambidextrous handle with automatic dead - man position. Extra safety with grips control.

## PRESSURE E STOP

Belly button on Tiller Head.

## TURNING RADIUS

Fully pivoting steerable front wheels.

## MAXIMUM WEIGHT OF THE VACUUM CLEANER

420 kg in operating configuration.

## BODYWORK

Polyester bodywork, easy opening for access to components requiring maintenance.

## GLOVE BOX

Dimensions: 13 cm x 20 cm x 30 cm.

## CONTAINER CAPACITY

Standard 240 lt.

## MAX. SLOPE WITH LOAD

25%

## EXPLANATION

EXPLANATION	VALUE
Electric axle	36 V DC / 0,85 kW
Electric motor for suction	36 V DC / 1,5 kW
	SERVOMOTOR (Brushless)
Running time	8 – 16 h (depending on use)
Suction Pressure	≥ 25 mbar
Speed (slow mode and fast mode)	Slow = 3 km/h, Fast = 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	420 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 1480 x H 1760
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 <sup>2</sup>
Anti-clogging grid for plastic bags, leaves etc.	Yes
Lockable storage compartment	Yes
Double soundproofing with an acoustic level approaching absolute silence	Yes

## WARRANTY

Please refer to your local Green Machines Dealer for information.

[www.greenmachines.com](http://www.greenmachines.com)

