

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 m² 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

Electric axle

Electric motor for suction

Running time

Suction Pressure

Speed (slow mode and fast mode)

Belly Button on Tiller Head

Rabbit-turtle mode on Tiller Head

Parking brake

Manual lever on parking brake

Possibility to move the machine with the drive motor off (with manual lever)

Ambidextrous handle with automatic dead man position

Max operating weight

Emergency stop switch on the dashboard

Direct vacuum into a standard 240 liter bin

Detailed spare parts list showing 100 %

of the parts

Traction power/operating weight

Body type

Container

Batteries

Dimensions

Steering front wheel

Ambidextrous control arm (for right and left handed operators)

Puncture proof tires (mounted with quality industrial tires and shielded ball bearings)

Timer and battery charge level gauge

Automatic parking brake facilitates parking, even on steep slopes

Dust filter

Anti-clogging grid for plastic bags, leaves etc.

Lockable storage compartment

Double soundproofing with an acoustic level approaching absolute silence

VALUE

36 V DC / 0,85 kW

36 V DC / 1,5 kW

SERVOMOTOR (Brushless)

8 – 16 h (depending on use)

≥ 25 mbar

Slow = 3 km/h, Fast = 6 km/h

Yes

Yes

Yes (>180 Nm)

Yes

Yes

Yes

Yes (automatic stop position)

420 kg

Yes

Yes

Yes

Yes

2 Watt/Kg

Polyester bodywork

Standard 240 L

Lead-acid; 8 – 16 hours depending on use and type batteries

W 780 x L 1480 x H 1760

Yes

Yes

Yes

Yes

Yes

Yes (timer for suction motor and traction motor)

Yes

Yes

18 m²

Yes

Yes

Yes

Yes

GMA GENERAL MACHINERY AGENCIES L.L.C.

M. Zaki Siddiqui
Managing Partner

Buti Storage, Warehouse # 2, Jebel Ali Industrial First,
P.O. Box 58542, Dubai, United Arab Emirates
Mob: +971 50 213 5880, Tel: +971 4 341 5900, Fax: +971 4 341 9550
Email: gmadubal@eim.ae, Web: www.gmadubal.ae



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