

# Specification Sheet



**Model:** GM500ze Light (or) PLUS  
**Subject:** Technical Information & Data

Sheet 1 of 2  
 Revision: A  
 Date: 11.11.2022



## Data & Performance Information

Dimensions		Dust Control System	
Length	3,330 mm	Dust Filtering	3 Stage Cyclonic Filtering Stage 1: Angled Hopper Swirl Plates Stage 2: Stainless Steel Filter Screen Stage 3: Twin Cyclones
Width	1,200 mm	Cloudmaker®	Standard
Height	1,980 mm	Vacuum Impeller	10 Vanes made of steel alloy
GVW	GM500ze Light: 2,325 Kg GM500ze PLUS: 2,670 Kg	Drive System	
Wheelbase	1,400 mm	Drive Motor	12.5 kW, 3-Phase AC Traction Motor
Turning Circle	Curb-to-curb: 2,750 mm Wall-to-wall: 3,550 mm	Drive	Rear Wheel Drive
Sweeping System		Suspension	Automotive helical springs with shock absorbers (Front & Rear)
Type	Electric Sweeper	Driving Speed	up to 25 km/h
Working Width	Brush retracted: 1,300 mm Brush Extended: 1,900 mm	Sweeping Speed	0 – 12 km/h
Hopper		Electrical Drive System	
Capacity	1m <sup>3</sup>	Battery Type	Lithium Ion
Dumping Height	1,400 mm	Battery Endurance	GM 500ze Light – Single Battery – 8 h GM 500ze PLUS – Double Battery – 16 h
Water System		Cell Capacity	400 AH
Tank Capacity	121 Litres	Storage (Theoretical)	GM500ze Light: 29.5 kWh GM500ze PLUS: 59 kWh
System Pressure	8 bar (118 psi)		
Flow Rate	15 L/Hr		

**Note:** Technical data are indicative and subject to change without notice. Photos are representative and will not reflect your configured product.

## GENERAL MACHINERY AGENCIES LLC

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**Advanced Vehicle Management System**  
 Simplified operation and troubleshooting with built-in monitoring, logging and diagnostics features.



**Light & PLUS Versions**  
 Single (or) Double Lithium-Ion packs.  
 Light Version: 8 h & PLUS Version 16 h Battery Endurance



**Reliable & Low Running Cost**  
 The power and efficiency of Lithium-ion technology it as reliable as conventional fuel.



**Virtually Silent in Transit**  
 In transit mode it is difficult to hear the 500ze over the gentle rustling of trees!

## Standard Equipment









**GM500ze Light Version**  
**GM500ze PLUS Version**

- Waste hopper capacity 1 m<sup>3</sup>**
- Cabin pressurized**
- Automotive helical springs with shock absorber**
- Right and left side brushes**
- 3 Stage Cyclonic Filtering**
- Dumping height h 1400 mm**
- Water Tank 121 L**

- GM500ze Light: Single Lithium-ion Battery Package**
- GM500ze PLUS: Double Lithium-ion Battery Package**
- GM500ze Light: 3Ph - Off-Board Charger - 1 piece**
- GM500ze PLUS: 3Ph - Off-Board Charger - 2 pieces**
- Others: As per Green Machines Standards**

## Options

 = Recommended Option

Cabin Air Conditioning 	Radio w/CD & Bluetooth
High Pressure Spray 	Deluxe Seat w/Air Suspension
Wanderhose 	Fire Extinguisher
Large Debris Suction Nozzle 	First Aid Box
Central Lubrication 	Custom Colour
Rear Camera and Monitor 	1Ph - Off-Board Charger

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