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- ▶ Innovative Engineering / Design
- ▶ Industry Leading Reputation
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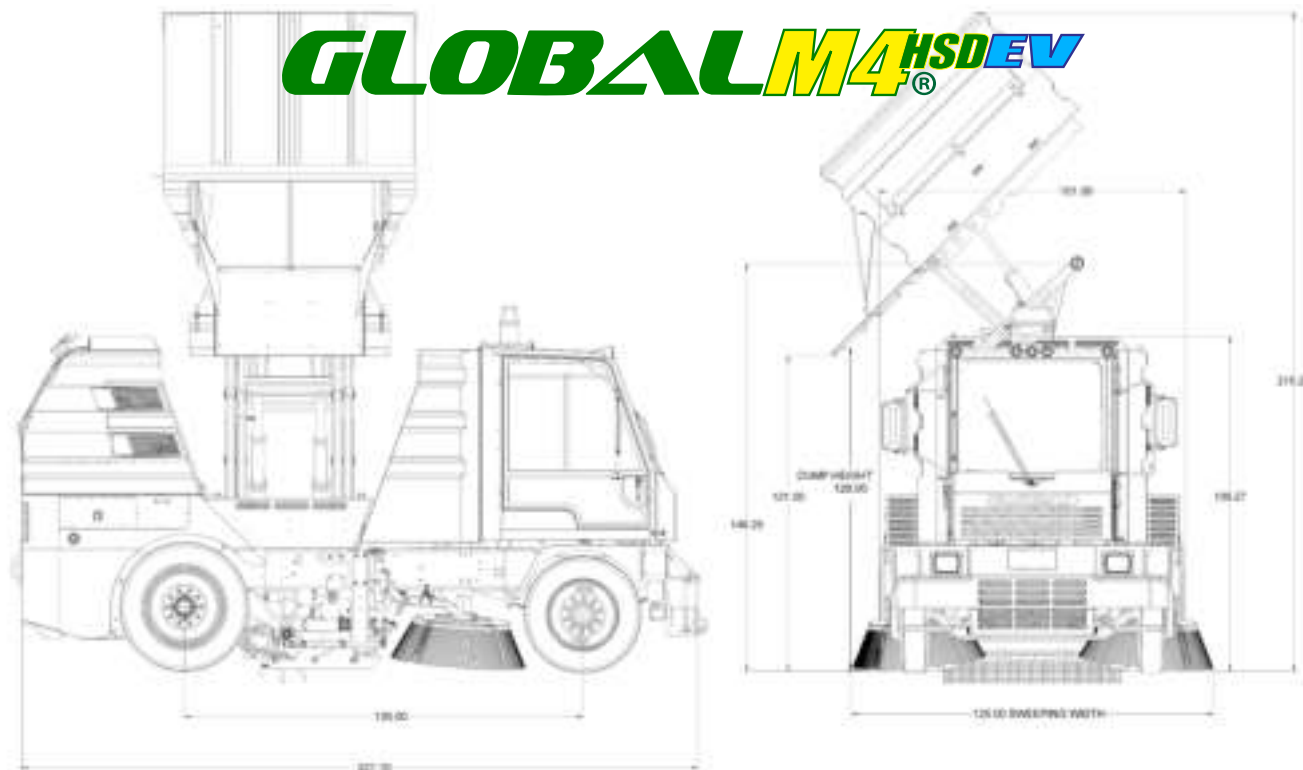


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GLOBAL M4^{HSDEV}



100% PLUG-IN ELECTRIC HIGH-SPEED HEAVY-DUTY MECHANICAL STREET SWEEPER

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**100% PLUG-IN ELECTRIC
HEAVY-DUTY HIGH SIDE DUMP
MECHANICAL STREET SWEEPER**



GLOBAL M4^{HSDEV}

**Introducing the Global M4^{HSDEV} Class 7 Street Sweeper
The First and Only 100% Electric Drive, Rechargeable Street Sweeper**

- ▶ 18.5' Turning Radius
- ▶ Cab-Over Design with Unmatched Visibility
- ▶ Large 47" Gutterbrooms Designed to Clean the Curb
- ▶ High-Performance Sweeping Package
- ▶ Unmatched Access Sweeping Components
- ▶ Largest in Class; 5.2 Cubic Yard Hopper with dumping height of 138"
- ▶ ZERO EMISSIONS and 8-Hours of Operational Time



ULTIMATE PERFORMANCE ZERO EMISSIONS

From the modern, comfortable and well appointed operator's cab, to the toughest and most rugged mechanical sweeping system ever built, the **Global M4HSDEV** is designed to take on the worst of the worst sweeping conditions.

THE ONLY CLASS 7 PLUG-IN ELECTRIC STREET SWEEPER with a dumping capacity of 12,000 lbs and HIGH Side Dump Hopper capability in the USA.

With a Standard Heavy-Duty Sweeping Package, **Global M4HSDEV** will sweep sand, gravel up to **3-Tons per Minute**. The sweeping speed of 3-12 mph allows for a very efficient operation.

With exceptional maneuverability (**18.5' Turning Radius**), perfect for any cul-de-sac, and superb visibility make this a perfect choice for any Municipal/ Governmental agency requiring high-performance, reliability, and **ZERO EMISSIONS**.

Global M4HSDEV Standard Equipment

- Air Conditioned and Pressurized Cab
- In-Cab Gutterbroom Pressure Adjustment
- Rear View Camera and LCD Monitor
- Leaf Gate System
- Heavy Sweep Package & Load Leveling System
- Hopper Access Door
- LED Headlights

Global M4HSDEV Options

- 100% Stainless Steel Hopper
- In-Cab Gutterbroom Tilt
- In-Cab Gutterbroom Speed Control
- AM/FM/CD Stereo with AUX/USB Port and Bluetooth
- Air-Ride Seat
- Elevator and Hopper Wash-Out
- Automatic Greasing System
- PM-10 Water System (Meets South Coast AQMD Rule 1186)
- Power and Heated Mirrors



100% PLUG-IN ELECTRIC MECHANICAL HIGH SIDE DUMP SWEEPER WITH ZERO EMISSIONS



The inherent design of the **Global M4HSDEV** makes it the only choice among 4-wheel mechanical sweepers. With the center mounted/cab forward layout the operator has unsurpassed visibility of the road surface as well as pedestrians and surrounding traffic. The large hopper capacity equals more lane miles swept between dump cycles and the 18.5-foot turning radius makes the **Global M4HSDEV** highly efficient and comfortable.

LONG LASTING DIRT SHOES Polyurethane Dirt Shoes are designed so that operator has sweep over potholes and rail road tracks and will not damage while sweeping. **Long Life of 1000 hours** is guaranteed. **47" Gutterbrooms** assist in cleaning curbs and heavy Road Millings.



HEAVY SWEEP PACKAGE Elevator Type: Standard 11 Flight squeegee with replaceable corded rubber tips; Continuous molded rubber belts combine with standard Heavy Sweep Package make **Global M4HSDEV** the logical choice for sweeping heavy debris such as road millings, sand and gravel up to **3-tons per-minute**. That is one ton of sand every 20 seconds! Standard leaf gate system assists in picking up large debris, bottles, large branches and leaves.

DUST SUPPRESSION SYSTEM • **Global M4HSDEV** includes **280 Gallon Water Tank Capacity** combined with Two(2) Diaphragm Water pumps and Two(2) Modes (LOW/ HIGH) provide versatility and superb dust control.



LARGEST USEABLE CAPACITY IN IT'S CLASS **Global M4HSDEV** includes a 5.2 culyd hopper capacity compared to 4.5 culyd on competitive machines resulting in more curb miles swept between dump cycles. With near Full Useable Capacity, 12,000-lb Lift Capacity, and the Optional Elevator Wash Out System, **Global M4HSDEV** is **Affordable, Reliable and Innovative**.



With **travel speed of 55-MPH** and a **battery operational range of up to 8-hours**, towns, villages and large cities will be able to clean the streets while protecting our environment and building a cleaner future with **ZERO EMISSIONS**. At the end of the shift just plug in the sweeper, recharge the batteries and sweep again.



ALL ELECTRIC DRIVE SYSTEM
210KW Lithium Ion Batteries will last for up to 8 hours of operation. With a 10 Year Life Span, the Batteries are designed to last and will not have to be replaced.

Standard SAE J1772 Level II 240V Charging System will replenish the battery in 9-11 hours.

Optional J1772 SAE Level III Supercharging System is available with recharging time of 4 hours.



ZERO EMISSIONS FOR A GREENER TOMORROW

- ▶ Very Quiet Sweeping Operation
- ▶ Up To 8-Hours Operational Time
- ▶ 210KW Lithium Ion Battery Pack
- ▶ 240V Charging System Standard
- ▶ Top Highway Speed Of 55-MPH
- ▶ All Electric Propulsion System Eliminates Transmissions And Reduces Maintenance
- ▶ No Diesel Engine And No DPF System Allows For Lower Total Cost Of Operation
- ▶ The Only Class 7 100% Electric HIGH SIDE DUMP Street Sweeper In The USA!



ITS ALL IN THE OPEN
Hydraulic Hoses are NOT hidden in the frame of the sweeper, while all Manifolds and Filters are located in a central location.

EASY TROUBLESHOOTING
A centralized, weatherproof systems locker fully protects electrical components from the elements while it allows maintenance staff easy accessibility for inspection and troubleshooting.

