



Step Vans

Motiv's trusted medium-duty electric trucks are the preferred EV solution for some of the largest fleets on the road, including Bimbo Bakeries, Cintas, Vestis, Purolator, and Canada Post.

As with all Motiv vehicles, our step vans offer unparalleled reliability, enhanced driver experience, and significant operating savings, while also providing fleets 2-6 tons of payload. What's more, we feature the most experienced customer support team in the industry.



>98%

fleet uptime



300+

customer vehicles

4.5M

customer miles driven

10

of the top 20
North American fleets

Features

- Unique redundant high voltage safety systems protects operator and vehicle
- Patented battery management software and active thermal battery management optimizes charging, cold weather performance, while maintaining highest level of system safety
- Proprietary Hill Hold technology ensures vehicle and driver safety
- Customizable charge port location accommodates most charging infrastructure configurations
- Customizable regenerative braking settings for maximum range and operator comfort
- Manual parking brake for state and federal compliance
- No CDL required
- Over-the-air software updates
- Proprietary fleet health reports use vehicle field data to provide insights to help optimize fleet efficiencies and improve driver experience
- Multiple body configurations available

Electric Step Van Specifications

Motiv Platform	S	SL
Chassis Payload	Up to 12,800 lbs	Up to 11,600 lbs
16' Step Van Payload*	Up to 10,200 lbs	Up to 9,000 lbs
Range	Up to 150 miles	Up to 200 miles
P-Rating	P800 to P1200	P800 to P1200
Wheelbase	178", 208"	178", 208"
Overall Length	26' to 30'	26' to 30'
GVWR	Up to 22,000 lbs	22,000 lbs
Max Speed	68 mph	68 mph
Peak Motor Torque Rating	2,400 Nm / 1,700 ft-lbs	2,400 Nm / 1,700 ft-lbs
Gradeability	20%	20%
Battery Technology	Lithium iron phosphate	Lithium iron phosphate
Battery Capacity	158 kWh	237 kWh
Charge Time, J1772 AC ¹	5.3 hours	8 hours
Charge Time, CCS1 DC ²	1.5 hours	2 hours
Regenerative Braking	Configurable	Configurable



Additional Options

- Incentives and tax rebates available
- Leasing and financing
- Charging infrastructure and installation

* Payload may be less depending on equipment installed

¹10 - 90% charge using 240V 80A EVSE

²10 - 90% charge using 200A EVSE



MADE IN
AMERICA

Built with our partners



About Motiv Electric Trucks

Founded in 2009 and headquartered in the San Francisco Bay Area, Motiv is a leading OEM of medium-duty, zero-emission electric trucks that eliminate tailpipe emissions and pollution while saving customers more than 85 percent on a total cost of ownership basis.

Its purpose-built platform enables efficient production of a range of vehicles, including step vans, shuttle buses, box trucks, and work trucks basis, all of which eliminate CO2 emissions and particulate matter, while offering drivers and passengers a more comfortable, quieter and safer ride.

This combination of cost savings and environmental performance helps customers meet increasingly stringent emissions and pollution standards as well as achieve their own Net-Zero, ESG or other climate impact-related pledges and commitments.



For more information or to order a Motiv electric vehicle, please contact:

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