



30 Vehicles Ordered
Delivery Routes up to 80 miles
84 kWh Baseline Useable Energy
(17 kWh Upgrade Option Available)
GVWR Options 19,500 - 22,000 lbs
Payload Average 4,500 lbs
Payload Available 6,500 lbs
Average Yearly Mileage: 15,000 miles

Annual Est. GHG Reductions per Truck

CO₂e 27.8 Metric Tons
NO_x 112.5 kg
ROG 5.8 kg
PM₁₀ 3.6 kg

Annual Estimated Savings per Truck

Fuel 2,500 Gallons = \$7,000
Maintenance 70%

AmeriPride All-Electric Walk-in Vans Case Study

Headquartered in Minnetonka, Minn., AmeriPride Services is one of the largest textile rental and supply companies in North America. Operating more than 115 production facilities and service centers throughout the United States and Canada, the company provides linen and towels, uniforms, floor mats, restroom and cleaning products to nearly 150,000 customers through rental and purchase programs. As a true business partner, AmeriPride helps customers improve their image while keeping facilities clean and employees safe. Innovation, personalized service and a dedication to company values has sustained the private, family-owned company for more than 125 years.

In order to attract and retain customers, be stewards of the environment, and improve business operations AmeriPride has invested in sustainable initiatives including zero-emission trucks. These trucks improve driver satisfaction by reducing noise, vibrations, and harmful diesel emissions.

“AmeriPride is committed to the environment and the communities where we live and work,” said Bill Evans, President and CEO of AmeriPride. “As one of the biggest

operators in our industry, we are setting the standard for clean operations and continue to make improvements to our delivery operations and invest resources to test and help advance new green technologies.”

The company’s new zero-emission all-electric delivery vehicles powered by a Motiv Power Systems Powertrain features 15% gradeability, up to 80 miles of range and a 50 percent battery charge within 2.5 hours. With Morgan Olson bodies on a Ford F59 Chassis, these walk-in step vans look like and operate like their fossil fueled counterparts, only with zero-emissions and significantly quieter operation. This application has demonstrated the potential of Motiv’s All-Electric Powertrain technology to reduce harmful emissions and petroleum use while providing communities with better delivery options.

These trucks average 13 hour work days with their 102 kWh of useable energy. The stop and go of delivery duty cycles is ideally suited for regenerative braking allowing some battery energy to be recovered. These routes are also ideal for reducing fuel used while idling during operations. AmeriPride’s Vernon location where 20% of the branch’s fleet will be replaced with zero-emission all-electric trucks was selected based on route density and infrastructure, financial incentives, and the region’s poor air quality.



This project shows how private companies can invest in sustainable solutions for their customers and community.

To bring electric delivery trucks to your fleet, contact sales@motivps.com.