



Built in Athens, Ohio  
An Atlanta, Georgia Company



## Horizon HM5 BEVTR HM5 BEVTR Class 5 Rollback Tow Truck

### - Features -

- 100% All-Electric
- Up to 60% Fuel Savings
- 30–50% Lower Maintenance Costs
- Fast Charging: 0 to 100 percent in ~46 minutes

### - Main Specs -

- Range: 161~193 miles
- Battery capacity: 151 kWh



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# HM5 BEVTR

Class 5 - Roll Back Tow Truck

## GENERAL SPECIFICATIONS

<b>GVWR</b>	19000.0 lbs
<b>Curb Weight</b>	12400.0 lbs
<b>Max Payload</b>	6600.0 lbs
<b>Overall Length</b>	24.92 ft
<b>Width</b>	7.96 ft
<b>Height</b>	8 ft
<b>Cab-to-Axle (CA)</b>	CA in
<b>Cab-to-End-of-Frame (CE)</b>	179.53 in
<b>Bumper-to-back of Cab</b>	67.44 in
<b>Turn radius</b>	22.64 ft
<b>Ground Clearance</b>	8.27 in
<b>Approach Angle</b>	20.00 degree
<b>Departure Angle</b>	27.00 degree



## ELECTRIC DRIVE MOTOR

<b>Motor Type</b>	3P AC Synchronous Permanent Magnet
<b>Rated Power</b>	87.17 hp
<b>Peak Power</b>	187.74 hp
<b>Rated Speed</b>	4244.0 rpm
<b>Peak Speed</b>	1200.0 rpm
<b>Rated Torque</b>	125.45 lb-ft
<b>Peak Torque</b>	280.34 lb-ft
<b>Rated Voltage</b>	540.0 V
<b>Voltage Range</b>	350.00–700.00
<b>Cooling</b>	Water Cooling
<b>Efficiency</b>	0.95

## HV BATTERY & CHARGING

<b>Chemistry</b>	Lithium Iron Phosphate
<b>Capacity</b>	150.8 kWh
<b>Cell Rating</b>	245.5 ah
<b>Mounting Location</b>	Center
<b>DC Fast Charge Power</b>	245.5 kW
<b>Warranty Years</b>	8.0 yrs
<b>Warranty Miles</b>	248548.0 miles

## SUSPENSION & AXLES

<b>Front Spring</b>	48.43 × 2.95 × 0.39 in - 3 leaves
<b>Rear Spring</b>	51.18 × 2.95 × 0.39 in - 5 leaves
<b>Auxiliary Spring</b>	35.43 × 2.36 × 0.63 in - 2 leaves
<b>Front Suspension</b>	Non-independent leaf spring suspension
<b>Rear Suspension</b>	Non-independent leaf spring suspension

## ELECTRICAL/MECHANICAL POWER TAKEOFF

<b>Electric Power Extraction Quality</b>	1.0
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## HVAC / COOLING

<b>Heating Type</b>	Resistive Heat Strips
<b>Refrigerant</b>	R1234yf
<b>Refrigerant Capacity</b>	650

## WHEELS & TIRES

<b>Wheel Material</b>	Aluminum
<b>Tire Size</b>	7.50R16LT 16
<b>Rim Width</b>	6.00 in
<b>Tire Pressure</b>	126.15 psi
<b>Max Allowable (front)</b>	7275.25 lbs
<b>Front Single or Dual</b>	single
<b>Max Allowable (rear)</b>	12786.8 lbs
<b>Rear Single or Dual</b>	dual

## BRAKES

<b>Service Brakes</b>	Air
<b>Parking Brakes</b>	Electronic Parking Brake
<b>Auxiliary Brakes</b>	Motor Regenerative

## PERFORMANCE

<b>Range (preliminary)</b>	160.7–192.8 mi
<b>Top Speed</b>	68.4 mph
<b>Gradeability</b>	25.0 %

Specifications are subject to change without notice. The latest data is always reflected in this specification sheet.

**Pre-Order This Vehicle**