



Harbinger Chassis

Harbinger's scalable stripped chassis has been built to support all of the popular medium-duty body types available today.



E-Stripped Chassis

Chassis available in multiple wheelbases and GVWRs for maximum flexibility.



Scalable Battery Pack

Battery packs are scalable in 35 kWh increments to economically support customer needs.



Innovative Architecture

The double A-arm front suspension and de Dion rear suspension improve ride quality, comfort, and handling.



Integrated Electric Drive Unit

Compact and efficient EDU, with a 450,000 mile service life and low noise operation.



Discover how our solutions can revolutionize your fleet.
Get in touch at sales@harbingermotors.com.

Download
product details:



Stripped Chassis Features and Specifications

Propulsion

| | |
|------------------------------------|------------------------------------------------------------------------------------------|
| Drivetrain Architecture | Permanent magnet motor, transmission and differential, in fully integrated EDU |
| Drivetrain Power | 330 kW (440 HP) peak / 219 kW (280 HP) continuous |
| Drivetrain Torque | 1,550 Nm (1,140 ft-lb) at motor / 18,100 Nm (13,360 ft-lb) at wheel |
| Gradeability | 32% at GVWR |
| Battery Architecture | 800V system, multiple parallel packs (NCMA chemistry) 3 to 6 battery packs per vehicle |
| Battery Pack Energy | 35 kWh per pack 105 kWh to 210 kWh per vehicle |
| Voltage Range (operable) | 520V – 800V |
| Battery Pack Mass / Energy Density | 210 kg (462 lbs) per pack, 170 Wh/kg |
| Charging | J1772 (L1/L2) and CCS1 (L3) compliant, 1 hour fast charge capable |
| Battery Cooling | 50/50 water/ethylene glycol cooling medium |
| Battery Safety Testing | UN 38.3 and UN ECE R100 |
| Range | 100 – 250 miles ¹ |

Chassis Systems

| | |
|----------------------------------------|-------------------------------------------------------------------------------------|
| Front Gross Axle Weight Rating (FGAWR) | 7,200 lbs – 9,000 lbs depending on configuration |
| Front Suspension | Double A-arm with coil-over damper and anti-roll bar |
| Rear Gross Axle Weight Rating (RGAWR) | 11,000 lbs – 17,500 lbs depending on configuration |
| Rear Suspension | De Dion beam with leaf springs and anti-roll bar |
| Parking Brake | Electronic parking brake (EPB) and park pawl integrated with transmission |
| Brakes | Hydraulic, 4 wheel vented disc with dual piston calipers ESC, TSC, ABS, and regen |
| Advanced Driver Assistance Features | Front and rear virtual bumper, AVAS, backup camera with dynamic trajectory |
| Steering | Electric power assist steering (EPAS) with dual power packs and 50 degree wheel cut |
| Thermal System | Multizone heat pump supports high-capacity cabin & battery conditioning |
| Frame | Hot dip galvanized 80 ksi steel ladder frame |

Dimensions and Weight

| | |
|------------------------------------|--------------------------------------------------------------|
| Wheelbase | 158", 178", or 208" |
| Gross Vehicle Weight Rating (GVWR) | 16,000 lbs, 19,500 lbs, 22,000 lbs, or 26,000 lbs |
| Wheels and Tires | 19.5 x 7.5 wheels and 245/70 R19.5 tires |
| Corrosion Resistance | Tested in accordance with GMW 14872 and ASTM B117 (20 years) |

¹Vehicle range is based on internal testing and manufacturer estimates. Actual range may vary depending on factors such as number of battery packs, vehicle configuration and upfit, payload, driving behavior, environmental conditions, terrain, battery age, and maintenance, among other factors.

Specifications are subject to change without notice.

Copyright © 2025 Harbinger Motors Inc. All rights reserved. | Revised March 4, 2025



Discover how our solutions can revolutionize your fleet.
Get in touch at sales@harbingermotors.com.

Download
product details:

