



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.



Stripped Chassis Features and Specifications

Propulsion

Drivetrain Architecture	Permanent magnet motor, transmission, and differential in a 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) 4 to 6 battery packs per vehicle
Battery Pack Energy	35 kWh per pack 140 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	140 – 210 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.

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Get in touch at sales@harbingermotors.com.

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