



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 fully integrated EDU
Drivetrain Power	330 kW (440 HP) peak / 210 kW (280 HP) continuous
Drivetrain Torque	1,550 Nm (1,140 ft-lb) at motor / 18,100 Nm (13,350 ft-lb) at wheel
Gradeability	32% at GVWR
Battery Architecture	800V system, multiple parallel packs (NCA chemistry) 3 to 6 battery packs per vehicle
Battery Pack Energy	35 kWh per pack 105 kWh to 210 kWh on vehicle
Voltage Range (nominal)	480V – 805V
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	Liquid cooled, 50/50 water/ethylene glycol cooling medium
Battery Safety Testing	UN 38.3 and UN ECE R100
Range	100 to 250+ miles depending on pack configuration and drive cycle ¹

Chassis Systems

Front Axle Gross Weight Rating (FGAWR)	7,200 lbs or 9,000 lbs.
Front Suspension	Double A-arm with coil-over damper and anti-roll bar
Rear Axle Gross Weight Rating (RGAWR)	13,750 lbs or 17,500 lbs.
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
Standard 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 and cabin AC prep
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.
Towing Capacity	Up to 7000 lbs. ²
Wheels and Tires	19.5x7.5 wheels and 245/70R19.5 tires
Corrosion Resistance	Tested in accordance with GMW 14872 and ASTM B117 (20 years)

¹ Vehicle 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.

² Available in 2025.

Specifications are subject to change without notice.

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