

L770 E



DRIVING TO
ZERO
EMISSIONS™

Kenworth's battery electric lineup is growing with the addition of the L770E. Kenworth is proud to bring its industry-leading vocational low-cab forward offering to market in a fully electrified, zero emissions platform. Alongside the Kenworth T680E and K Series Battery Electric Vehicles, the L770E brings The World's Best zero emissions lineup to life.

The Kenworth L770E is designed to tackle commercial and residential refuse applications with ease. One charge enables up to 1,100 automated side loader bin cycles.

Battery electric vehicles like the L770E are well-suited to refuse applications where vehicles stop and start frequently, employing regenerative braking technology to maximize range and generate electricity with each stop along its route. With a proven Meritor eAxle powertrain and a familiar L770 cab and chassis platform, the L770E is a great option for any refuse customer looking to take the leap into Zero Emissions operations.



KENWORTH L770E SPECIFICATIONS

E-AXLE

- 400 kW (536 hp/844 lbs.-ft.) Continuous Power
- 500 kW (670 hp/1,623 lbs.-ft.) Peak Power
- Two speed Gearing (2.67:1 & 1:1)
- 2:1 Hub Reduction

BATTERIES

- 350 kWh Energy Storage, 80-120mi Range
- Lithium Iron Phosphate (LFP) CATL
- 650 Volts
- 1,100 Automated Side Loader Bin Cycles or 130 Rear Loader Cycles

CHARGING

- DC Fast — Charging
 - › 125 kW Power Rating
 - › 3.5 Hour Charge Time
- AC
 - › 19.2 kW Power Rating
 - › 20+ Hour Charge Time

ePTO

- High Voltage DC Plug
 - › Nominal Voltage: 650 VDC (180 Amps)
 - › Operating Voltage: 571-754 VDC
- 58 kW (78 hp) — SAE C PTO Flange

DIMENSIONS

- Wheel Bases: 200" & 215"
- Body Size: 25 Yard Automated Side Loader & Rear Loader

WEIGHT RATINGS

- GVWR 66,000 lbs.
- Class 8 Front — 20,000 lbs.
- Class 8 Rear — 46,000 lbs.
- Rear Axle Ratio — 3.91
- Not Available with Lift Axles

SUSPENSIONS

- Front Suspension — 20,000 lbs. Taperleaf
- Rear Suspension — Hendrickson HMX 46K

TARGET APPLICATIONS

- Refuse
 - › Automated Side Loader
 - › Rear Loader

Note that technical specifications are dependent on the configuration and components selected.

KENWORTH L770E FRAME CONFIGURATION EXAMPLE

- 200in WB LH/RH Battery Configuration
- Factory-Installed HV ePTO Plug Only

