

# Lion8

## Technical Specifications

### WEIGHT & DIMENSIONS

Cabin Length	79 in
Cabin Width	96 in
Cabin Height	107-110 in
Wheelbase	195-244 in
Gross Vehicle Weight Rating (G.V.W.R)	Up to 66,000 lb

### ELECTRIC POWERTRAIN

Top Speed	65 mph
Maximum Power	350 kW // 470 HP
Maximum Torque	3,400 NM // 2,507 ft-lb
Battery Capacity	Up to 336 kWh
ePTO	Available
Motor & Inverter	SUMO HD HV2500 - 9 phases // Dana/TM4
Transmission	Direct Drive // No Transmission
Charging Type	
Standard	Level III (DC) - CCS-Combo
Optional	Level II (AC) - J1772

### CHASSIS

Front Axle	14,600-20,000 lb // Hendrickson
Rear Axle	Up to 46,000 lb // Dana
Tag Axle	Available
Suspension	Air / Spring / Rubber // Hendrickson
Braking	Air Disc Brakes // Bendix



All-electric  
Refuse Truck



# Power and efficiency, purpose-built to serve your collection needs now.

Lion is building today's first zero-emission truck with an all-electric automated arm and collection body.

The Lion8 – Refuse is designed, created and manufactured to be electric. Its components require very little maintenance and further minimize its total cost of ownership.

Our all-electric class 8 refuse truck is running 100% emissions-free and significantly reducing the environmental load on our world.

#### Complete Customer Experience

- Grant writing and ability to leverage fundings
- Charging infrastructure design and project management
- Complete onboarding trainings

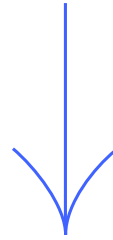
Make your next move a bright one.

## Savings Electric VS. Diesel



# 80%

ENERGY COSTS  
REDUCTION



# 60%

MAINTENANCE  
COSTS REDUCTION

- 1 ZERO-EMISSION SOLUTION
- 2 PROVEN SAFETY RECORDS
- 3 LOWEST TOTAL COST OF OWNERSHIP
- 4 REDUCTION OF MAINTENANCE DOWN TIME
- 5 BEST-IN-CLASS DRIVING EXPERIENCE
- 6 NO NOISE POLLUTION

