

Edison L Series: L500 & L750

“The L stands for Logger”

This is Edison Motors purpose built Vocational Truck.

This is the toughest electric semi truck on the market.

Available in fully electric or diesel-electric.



Built from the Frame Up

Each L series truck is custom built by the Edison team of mechanics starting with frame rails all the way to finished cab

However you want it.

There is no shortage in the range of options to choose from. We can do from 0.25" single frame all the way up to 0.5" triple frame. Twin steer, and triple steer are both available options. Driving steer E-axles are also available as an option for when your need 6x6 or 8x8 power off road

Edison Designed Vocational Cab and hood

What really separates truck manufactures apart is the cab that sits on the frame rails. This cab in the L-series is custom built to meet the vocational needs of the project. It was designed by truckers. We believe that a vocational truck shouldn't have just a regular highway truck cab with vocational being an afterthought. This cab and hood was inspired and engineered from a skidder cab, offering incredible visibility, improved safety and ease of maintenance. It is available in either aluminum or steel, made with flat panels that any machine shop can fab up replacement panels for. We also have different cab equipment options for chassis integration.



Specs: **L500**: Tandem Vocational Truck

E-axes:

Power: 500KW - 670HP

Output Torque: 68,400 ft.lbs

Regen Power: 388KW - (520 HP)

Regen torque: 53,100 ft.lbs per axle

Gross Axle Rating: 26,000 kg (57,400 lbs)

Voltage: 540 Volt

Frame:

Grade 100 steel: 100,000-150,000 PSI yield strength
(compared to A36 steel with 36,000 psi yield strength)

Frame Lengths up to 48' feet

4 size options: 1/4", 5/16", 3/8", 1/2"

Double & Triple frame inserts available as options.

Frame Cross Members:

Available option: 3 Piece, 5 piece, C-Channel, Trunnion

Cab & Hood:

Available in Aluminum or Steel, no fiberglass

Full length hinges

Grab Handles & anti slip surfaces

Removable Fenders

Removable inner hood for heat dissipation.

Front Axle options:

12,000 - 14,600lbs

- *Hendrickson Airtek - air ride front axle*

20,000 - 24,000lbs

- *Hendrickson Steertek NXT*

Twin or tri steer applications:

- *Hendrickson ParaSteer HD*
- 20,000lbs per steer axle
- 100% off road use rated

Rigid front axles, Drum or Disc Brake options

Batteries:

175 kwh standard

600 Kwh optional for fully electric version

Auxiliary generator:

Motor: CAT C9 Industrial

Power: 350KW, 450HP

Fuel consumption:

- 100% load - 60L/hr (16Gal/hr)
- 50% load - 35.9L/hr (9.5Gal/hr)
- 25% load - 22.7L/hr (6Gal/hr)

(remember that the generator is only running 25-50% of the time in normal applications)

Weight: 864 KG (1905 lbs)

Emissions: Available with Tier 4 or EU Stage IIIA

Other engine options available depending on customers application and power requirements.

Rear Suspension:

Hendrickson Primaax EX

Capacity: 46,000lb to 52,000lb

Site travel: 60,000 to 66,000lb

Ground clearance: 10.5 -10.75" inch

Axle spacing: 52" - 72.5" inch

Optional Equipment:

- Swivel seat for operator
- Multiple passenger seat options
- Joystick Built into armrests
- Additional feature toggle switches
- Factory LED work light package
- Full Outside Camera views



Specs: **L750**: Tri-Drive Vocational Truck

E-axes:

Power: 750KW - (1005 HP)

Output Torque: 102,600 ft.lbs

Gross Axle Rating: 39,000 kg (86,100 lbs)

Voltage: 540 Volt

Frame:

Grade 100 steel: 100,000-150,000 PSI yield strength
(compared to A36 steel with 36,000 psi yield strength)

Frame Lengths up to 48' feet

4 size options: 1/4", 5/16", 3/8", 1/2"

Double & Triple frame inserts available as options.

Frame Cross Members:

Available option: 3 Piece, 5 piece, C-Channel, Trunnion

Cab & Hood:

Available in Aluminum or Steel, no fiberglass

Full length hinges

Grab Handles & anti slip surfaces

Removable Fenders

Removable inner hood for heat dissipation.

Front Axle options:

12,000 - 14,600lbs

- *Hendrickson Airtek - air ride front axle*

20,000 - 24,000lbs

- *Hendrickson Steertek NXT*

Twin or tri steer applications:

- Hendrickson ParaSteer HD
- 20,000lbs per steer axle
- 100% off road use rated

Rigid front axles, Drum or Disc Brake options

Batteries:

280 kwh standard

600 Kwh optional for fully electric version

Auxiliary generator:

Motor:

CAT C9 Industrial

Power: 350KW, 450HP

Fuel consumption:

- 100% load - 60L/hr (16Gal/hr)
- 50% load - 35.9L/hr (9.5Gal/hr)
- 25% load - 22.7L/hr (6Gal/hr)

(remember that the generator is only running 25-50% of the time in normal applications)

Weight: 864 KG (1905 lbs)

Emissions: Available with Tier 4 or EU Stage IIIA

Other engine options available depending on customers application and power requirements.

Rear Suspension:

Hendrickson Primaax EX

Capacity: 69,000lb to 78,000lb

Site travel: 90,000lb to 99,000lb

Ground clearance: 10.5 -10.75" inch

Axle spacing: 52" - 60" inch

Optional Equipment:

- Swivel seat for operator
- Multiple passenger seat options
- Joystick Built into armrests
- Additional feature toggle switches
- Factory LED work light package
- Full Outside Camera views

