

RSeries: R500 & R750



“The R stands for Rebuilt”

Convert your existing truck into fully electric or diesel-electric.

Advantages of Rebuilding & Remanufacturing



- * Keep the truck you love
- * Pick any body style of truck you want with an Edison Motors Electric Drivetrain package
- * Reduce the impact on the environment by recycling older trucks instead of building new
- * Keep the same vin number, either keep the original specs or upgrade to current emission specification
- * Can Upgrade an older truck to modern driver comforts with stronger frame rails & air ride

Rebuild or Remanufacture?

Rebuild:

- If your frame rails, running gear, suspension is in good condition and you just want to turn your existing trucks into an electric or diesel-electric truck then Rebuilding is the best option for your fleet
- For companies that have trucks in good shape but want to electrify their existing fleet

ReManufacture:

- If your truck is past its service date but you want it to return to the condition of when it was brand new on the showroom floor we can do that. We start with brand new rolling chassis, add the electrification components, new air lines and electric wiring harnesses. and then repaint, & restore your original body and mount it onto the new chassis. This for all intents and purposes, is a new truck but with the VIN number and style of your old truck.
- For companies and owner/operators who want to restore their classic truck



Specs: R500: Tandem Truck

E-axles:

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: (remanufactured only)

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: (remanufactured only)

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

Front Axle options: (remanufactured only)

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: (conditional to existing motor)

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.**

***Can meet engine standards on year of truck VIN**

Rear Suspension: (remanufactured only)

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:

- Additional feature toggle switches
- Factory LED work light package
- Full Outside Camera view



Specs: R750: Tri-drive Truck

E-axes:

Power: 750KW - (1005 HP)

Output Torque: 102,600 ft.lbs

Regen Power: 582KW - (580 HP)

Regen torque: 79,650 ft.lbs per axle

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

Voltage: 540 Volt AC

Frame:(remanufactured only)

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: (remanufactured only)

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

Front Axle options: (remanufactured only)

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:

250 kwh standard

600 Kwh optional for fully electric version

Auxiliary generator:(conditional to existing motor)

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.

* Can meet engine requirements on VIN year

Rear Suspension: (remanufactured only)

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:

- Additional feature toggle switches
- Factory LED work light package
- Full Outside Camera views

