



Every MILES Makes A Difference

# MILES ZX40ST

With AC Motor  
Technology



**Zero Emissions. No Gas Required.** The advanced design ZX40ST is the most versatile all electric, low speed truck on the market - A practical, green solution for all your facility maintenance needs.

## SAFE

- All steel body construction
- DOT compliant seatbelts, tires and tempered safety glass throughout
- Street legal to 25 mph

## PRACTICAL

- Fold down and removable sides and tailgate for easy loading and unloading
- Easily charged at any standard 110V outlet
- Spacious 89" x 54" truck bed

## OPTIONS

- Two dozen customizable options
- Air conditioning
- Thermal management system
- AM/FM/CD audio system

## PERFORMANCE

- Advanced brushless, 3 phase induction AC motor
- Regenerative braking
- Superior hill climbing ability
- 30-40 mile driving range\*

## SMART

- Easily charged at any standard 110V outlet
- On average, costs 2-3 cents per mile to drive
- Prevent over 12,000 pounds of annual tailpipe emissions for every gas powered vehicle replaced with an EV\*\*

\* Under normal stop and go driving conditions after battery break-in

\*\* According to EPA estimates: EPA420-F-05-004 February 2005

 **MILES**  
ELECTRIC VEHICLES  
[www.milesev.com](http://www.milesev.com)

# ZX40ST



No Gas Required.

## ZX40ST



Fold down and removable sides and tailgate



On-board charging port



Programmable controller

### Key Specifications

Maximum Speed	25 mph
Average Range	30-40 miles per charge*
Acceleration	0-20 mph in 3.9 seconds
Dimensions	162" x 59" x 74"
Cargo Area	89" x 54" x 12 3/4"
GVWR	2,998 lbs (1,360 kg)
Curb Weight	2,553 lbs (1,158 kg)
Payload	1,075 lbs**
Braking Distance	26' from 25 mph to 0 mph
Wheel Base	103"
Cargo Capacity	36.32 cubic ft
Max Grade Ability	39.8%

### Battery System

Type	Advanced sealed, absorbed glass mat (AGM), valve regulated, maintenance free lead-acid
Capacity	150 Ah
Estimated Battery Life	25,000 miles
Number of Batteries	6
Aux. Battery Type	12 V

### Motor

Type	Brushless, 3 phase induction AC motor
Rated/Peak Power	7.5 kW/26 kW (10 hp/35 hp)
Rated Voltage	72 V
Maximum Torque	115 ft-lbs

### Charging

Charging Time	4-6 hours (from 50% SOC to full charge)
AC Input Range	85 V - 265 V (45 Hz to 65 Hz)
Max. Charging Current	12 Amp
Max. Output Power	1,200 W

### Controller

Rated Voltage	72 V
Rated Current	550 Amp

The MILES ZX40ST exceeds the requirements of the NHTSA Standard 500 Regulation.

\* Under normal stop and go driving conditions after battery break-in

\*\* Standard 500 allows for a GVWR of 3,000 lbs for a cargo rating for on-road use of 147 lbs. If the vehicle is used for off-road only, the NHTSA GVWR would not apply. The chassis manufacturer established max cargo rating is 1,075 lbs.