

We are Changing the Way Public Transit Moves



800.300.3751

CompleteCoach.com
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ZEPS is the leading source for a sustainable and economical solution for transit agencies looking to start an electric fleet. It is a proven technology, with over 50 deployments nation wide, that has been tested for more than 4 million miles of revenue service. These deployments have been proven to perform successfully in all types of weather conditions. The ZEPS bus is a quiet operation, capable of running over 150-miles on a single charge.

The Process

ZEPS is an integrated technology developed exclusively by Complete Coach Works (CCW). CCW takes a simple approach to sustainability by minimizing their environmental impact, enhancing value to customers, and providing sustainable solutions. Working with its sister company Transit Sales International, CCW takes an existing low floor transit buses and remanufactures them into like-new vehicles containing ZEPS all-electric drivetrain systems. The remanufacturing process extends the service life of the buses and reduces material waste. In addition, the process decreases costs and environmental impacts of bus manufacturing.



The chassis is stripped down to the frame, once the bus has been qualified as structurally sound.



Removal of all exterior/interior fixtures and components are made.



The diesel engine and related components, including the transmission are removed.



ZEPS technological components are installed.



New composite flooring, lightweight seating, and LED interior/exterior lighting is installed.



The bus undergoes a final inspection and is then ready to be delivered back to the customer.



ALL ELECTRIC

Specifications

	Description	New Flyer	New Flyer	Gillig
Measurements	Length (FT)	30, 35, 40	60	30, 35, 40
Propulsion	Motor Make	GTAKE	GTAKE	GTAKE
	Motor Model	GTZ510-02026	GTZ510-02026	GTZ510-02026
	Motor Year	Current Year	Current Year	Current Year
	Motor Controller	KTZ54X57GBD (306kW)	KTZ54X57GBD (306kW)	KTZ54X57GBD (306kW)
Total Energy	Rated Power (kWh)	180kW	180kW	180kW
	Long Range Charge (kWh)	403, 504	504, 605	403, 504
	kWh/Mile	2.1-2.4	2.3-2.6	2.1-2.4
Passenger Capacity	Seats	23-41	55-64	23-40
Accessibility	Doors	1-2	2-3	1-2
Main Components	HVAC	Electric A/C KFRBPT3	Electric A/C KFRBPT3	Electric A/C KFRBPT3
	Cooling System	103,000 BTU	103,000 BTU	103,000 BTU
	Charger	ZE-0268 (45kW)	ZE-0268 (45kW)	ZE-0268 (45kW)

Benefits



ZEPS buses can be integrated into most fleets and are composed of fewer moving parts.



ZEPS provides customers a viable alternative to fossil fuel as it provides a significant reduction in greenhouse gas emissions.



A remanufactured all-electric ZEPS bus requires less maintenance reducing operational costs.



ZEPS buses are built with a proven American chassis and only top tier parts, providing safe and reliable transportation.

SAVE MONEY. SAVE FUEL. SAVE THE WORLD

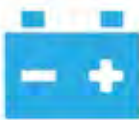
ZEPS does not require engine oil, transmission fluid, anti freeze, or gasoline. There is less environmental damage caused by disposal of harmful fluids and filters involved with these components. By utilizing a retired bus chassis, ZEPS limits carbon emissions for each bus's life cycle.



ZEPS is committed to providing the transit industry with the most advanced technologies. The unmatched performance of ZEPS delivers a significantly longer operating range while maintaining battery life.

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TECHNOLOGY



Using lithium-ion NCA battery packs allows for a reduction in battery pack weight. The battery packs offer highly integrated all-in-one solutions for a variety of different applications.



Energy-efficient windows are designed to maintain comfortable internal air temperatures for enhanced passenger comfort.



By utilizing LED lighting throughout the bus, the lighting energy consumption is reduced by two-thirds. The decrease of energy increases the lifespan of the bulb resulting in lower maintenance cost and provides more power to other components of the bus.



The ZEPS bus is built on proven American bus chassis. Its motor control system provides an optimum level of integration for any transit application. The components used in the drivetrain are built in a compact package to lower vehicle weight and maximize range and cycle life.



High-density polyurethane foam reinforced with layers of fiberglass and finished off with rubber flooring is used throughout the bus. Composite flooring is light-weight and provides a stronger route and corrosive resistance to natural elements.



The ZEPS bus provides intelligent climate control that maintains optimal internal temperature in all-weather conditions. The all-electric rooftop-mounted air conditioning system provides uniform cooling at all vehicle speeds and loads.