

# Frankentrikes Facts

This pedelec cargotrike travels at speeds of up to 25 mph. Minimum range is 16 miles and depends upon the number of batteries on board.

**Energy Efficiency:** If a Frankentrike ran on gas, in terms of energy (kWh) consumed, it would get 488 mpg. A Frankentrike is 15x more energy-efficient than a small car (e.g. Toyota Corolla sedan). One dollar in electricity will take you 300 miles. [Seattle prices].

A Frankentrike is designed to carry 1/4 ton of payload plus driver. It can carry 3.5 times its own weight. In contrast, a Toyota Corolla weighs 2400 lbs and can carry only 1500 lbs, 65% of its weight.

**Cost of Ownership:** Using AAA Car Ownership statistics, if you sold your SUV today and bought a Frankentrike tomorrow, you would save enough money in finance charges, depreciation, insurance, taxes, maintenance and fuel to cover the entire cost of cargotrike purchase within 12 months (and still cover all operating costs for the new vehicle). If you sold your Toyota Corolla or other small sedan today and bought a Frankentrike tomorrow, your savings would pay for the cost of the cargotrike entirely within 3.5 years. [calculated for 10,000 miles/yr, \$8500 purchase price]

**Community:** Frankentrikes do not isolate you from your environment in the same way as a car. You can interact freely with the people around you (if you so choose). The vehicle is quiet and does not drown out communication or other sounds around you. [unless you are using the horn]

**Environment:** Electric cargotrikes are non-polluting and do not contribute to global warming. Frankentrikes often contain repurposed bike frames. Over 90% of the vehicle mass is recyclable.

**Health:** Quit your gym membership. Cycling is great exercise, and great for fitness and health. Maintain greater body flexibility through movement.

**Safety:** More visible to cars than motorcycles or scooters. Keep an eye on your precious cargo while you are driving. Dual redundant hydraulic braking system will stop you quickly and reliably. Front wheel drive handles well on snow/ice.

**Comfort:** Stay dry--buy a canopy! Arrive cool and contained.

**Freedom:** Go wherever you want, whenever you want. No waiting for buses or for the city to decide whether to add that second light rail line or a later bus to the schedule. Parking is easy! And if you run out of batteries, just pedal home.

**Fun:** Refreshing, stimulating, exhilarating, attention-getting. You will arrive at your destination looking and feeling great.