The World's Fastest Urban Car

TANGO

It Takes Two

MEET THE TANGO

INTRODUCING THE WORLD'S FASTEST URBAN CAR

The revolutionary commuter vehicle that combines the speed and agility of a motorcycle with the security and comfort of a sports car.

BEAT TRAFFIC

The Tango's ability to maneuver through traffic is second to none. Like a motorcycle, it can change lanes to gain advantage in traffic better than any car in history. Unlike a motorcycle, it is safe, dry, climate controlled, and can securely carry a reasonable amount of cargo.

Where lane splitting is permitted (i.e., driving between lanes of stopped or slow-moving traffic), such as California, Europe, and Asia, the advantage can be staggering. In extremely heavy traffic, a Tango or motorcycle can travel in 20 seconds the distance that a car travels in 20 minutes.

HELP FORGE A CONGESTION-FREE FUTURE

The Tango can fit in a 6-foot half-lane with more clearance than a truck has in a full 12-foot freeway lane. This virtual doubling of lane capacity can make the traffic jam a fading memory.

PARKING

A Tango can park perpendicular to the curb, in left-over spaces between cars or driveways, next to buildings, or in unused corners of parking lots—in thousands of heretofore-unusable parking spaces.

SAFETY

The Tango's racecar-style roll cage design, its 4-point harnesses, its low center of gravity, and a weight comparable to a midsize sedan combine to make the Tango extremely safe.

Side protection is more than 4 times that of a typical SUV.

4-point pilot seat belts with inertia reels are similar to a race car harness, but easy to get into.

STABILITY

With 2,000 lbs. (mostly batteries) under the floor, the Tango's static rollover threshold is equivalent to a 5-star NHTSA rating, placing it in company with the lowest slung sports cars.

Burnout in high gear with 10-inch racing slicks.

ACCELERATION AND TOP SPEED

With over 1,000 ft-lbs. of torque, the Tango can accelerate from zero to over 130 mph in one gear. Without needing an energy-robbing transmission or differential, it accelerates from zero to 60 mph in about 4 seconds and finishes the standing ¼ mile in about 12 seconds at over 100 mph.

ECONOMIC JUSTIFICATION

If an executive who earns $200,000 per year (or about $100 per hour) saves 20 minutes each way to work and back by lane-splitting, filtering, and parking, that's a savings of $1,400 per month. Monthly parking fees in San Francisco are typically $250 for a car, or $50 for a motorcycle, giving a $200 monthly advantage to the Tango driver in these circumstances. The combined savings of $1,600 per month would pay for the $108,000 T600 carbon fiber Tango in under 6 years. What else could you drive that would pay back the purchase price?

It's hard to ICE out a Tango *(ICE out: parking internal combustion engine vehicles in charging spots reserved for electric cars).*

IT ONLY WORKS FOR 90% OF YOUR TRIPS

The Tango was not designed to replace the family car. It was designed to add a transportation option that gives speed and convenience never available before. According to the US Bureau of Transportation Statistics, 90% of all automobile trips are single occupant, and the average round-trip commute is 20 miles. With relatively inexpensive lead-acid batteries, the Tango can travel 3 times that far on a charge. With lithium-ion batteries, over 200 miles is achievable. Driving a traditional car to work instead of a Tango would be like driving a motor home across town to run an errand.

The Tango—It takes two.

CONVENIENCE

Would you rather fill your cell phone with gasoline every few days—or just plug it in every night? It's the same for the Tango. Just plug it in and use inexpensive electricity. A dryer outlet will give most of a charge in an hour, or a full charge in less than 3 hours. With a 110-volt outlet, it's still easily charged overnight. With a 200-amp off-board charger, the Tango can be charged to 80% in about 10 minutes.

Virtually maintenance-free, the Tango has no oil change or tune-up requirements to consume your time and money.

The Tango has front and rear trailer hitch receivers that can be used to push or pull your plane in and out of the hangar, tow a generator trailer for extended range and additional storage, or allow the Tango to be towed by a car or motor home.

Note the lack of body roll when the Tango is thrown hard into a corner with 9-inch front and 10-inch rear racing slicks.

The Tango's ballasted design is internationally patented.

(Proof-of-concept Tango at the Marina Autocross)

Every crowded parking area has spaces perfect for Tangos and motorcycles.

ECONOMY

The average commute uses just 4 kWh. That's the same amount of electricity used to power a 1,500-watt portable heater for 2 hours and 40 minutes. Thus, at $.10 per kWh and gasoline at $3.00 per gallon, the equivalent fuel efficiency of the Tango exceeds 150 mpg, or $.02 per mile.

Battery replacement is the largest recurring cost for an electric car. With lead-acid batteries, however, it is similar to the expense of keeping a gasoline-powered car serviced, costing only pennies per mile.

SPECIFICATIONS

Length:	8'5"	(2.57 m)
Width:	39"	(.99 m)
Height:	60"	(1.52 m)
Weight:	3,000 lbs.	(1,364 kg)
Body:	Carbon fiber and Kevlar®	
Roll Cage:	Chrome moly steel	
Chassis:	Stainless steel	

Performance (T600):

Zero to 60 mph in about 4 seconds

Standing ¼ mile in about 12 seconds

Specifications subject to change. See www.commutercars.com for more details.

ENERGY INDEPENDENCE

We are doing our part by designing a car that pays for itself purely by convenience, time saved during commuting, and cost savings from reduced parking fees—while using no oil. We are not asking customers or the government to pay a dime for the energy independence or environmental benefits. Even when electricity from coal-fired power plants is used to charge the Tango, the efficiency is approximately twice that of the internal combustion engine. The Tango would almost never be dependent on oil, foreign or domestic, as power plants rarely use oil. If 50 million of the 92 million single-occupant commuters in the US drove Tangos, savings would be tremendous. Over $50 billion in oil at retail would be replaced by $7.3 billion of electricity at retail—a savings of over one billion barrels of oil per year.

AIR QUALITY

An all-electric car like the Tango is the only currently-practical true zero-emission vehicle. If charging from the grid, emissions are minimal due to the current mix of power sources. In addition to the much higher efficiency of an EV, there are more sophisticated pollution control devices on power plants than can be afforded on individual cars. Hydro, wind, geothermal, and tidal are some of the clean and renewable sources of energy. As the grid gradually changes over to these, there will be less pollution yet. About $2,800 worth of solar cells on a rooftop, approximately 80 sq ft, is enough to get the average commuter to work and back for a lifetime.

AVAILABILITY

The Tango is available world wide. Commuter Cars is presently taking orders for kit cars to be delivered within six months. These cars will require less than 8 hours of easy assembly. Please check your state's or country's laws regarding registering kit cars for the road. Typically, it involves a simple inspection and the installation of a vehicle identification number. You would then show your receipts, pay tax and registration fees, and receive a title. For more information on availability, schedules, and deposit information, please check our website: www.commutercars.com.

COMMUTER CARS
CORPORATION

715 EAST SPRAGUE AVENUE, SUITE 70

SPOKANE, WASHINGTON 99202

VOICE: (509) 624-0762 WWW.COMMUTERCARS.COM FAX: (509) 624-1466