
NEWS RELEASE

For Immediate Release

JD poised to take off in Europe with high-tech e-bike

Taiwanese manufacturer rolls out recently unveiled TranzX PST drive system at European bike shows with new long-range battery

Friedrichshafen, Germany. September 1, 2007 – JD may be on the verge of being part of another major break-through in the bicycle and mobility industry. The company that single-handedly brought on a global phenomena with the aluminum kick-scooter in 2000, officially launched TranzX Power Support Technology (PST) – a state-of-the-art drive system for electric bicycles – in March and is now unveiling the high-performance drive system at the Eurobike and IFMA trade fairs with a new long range lithium battery that lets riders travel an average of 75 km per charge.

TranzX PST propels bicycles with the latest in efficient and lightweight electric technology, delivering a smooth and unique riding experience. Virtually maintenance-free, the high-tech system offers smoother acceleration, low running costs, simple operation, low noise and zero emissions.

Built specifically for the OEM market, JD's drive system offers unprecedented versatility, letting bike manufacturers flawlessly adapt TranzX PST to their individual specs and brands.

"TranzX PST successfully delivers the high performance sought by today's demanding consumers," said Gino Tsai, JD's president. "The system combines original design with ground-breaking technology to supply quality and affordability."

This clearly positions the Taiwanese company as a technology leader for the manufacture of electric bicycle drives. TranzX PST may also prove to be a crucial step in opening up the market for the electric bicycle in Europe.

New battery power on tap for Eurobike and IFMA

Since launching TranzX PST in Taipei, JD has continued to make improvements and has diverse changes on tap for the Eurobike in Friedrichshafen and IFMA in Cologne where JD will be presenting a new lithium ion battery to go along with a new frame design.

Unlike most e-bikes on the market today whose systems are based on nickel metal hydride batteries, JD believes its new 36V 10Ah lithium ion technology will ultimately make a noticeable difference in moving consumers to buy e-bikes.



The lightweight power of new lithium ion battery packs gives the TranzX PST system extended range and less added weight. The system almost doubles the riders range to 75 km under normal road conditions.

The sophisticated energy storage device is environmentally friendly, safe and low maintenance. The lithium ion battery does not require periodic discharge and has no memory effect.

New minimalist open frame design makes Spirit fly

Together with its launch of TranzX PST in March, JD introduced the Spirit e-bike, a high-quality, competitively priced electric bicycle that delivers an effortless, natural ride.

At Eurobike, JD is introducing a second frame platform. The new minimalist, open-frame design made out of high-end aluminum makes it almost impossible for the untrained eye to observe that this isn't just a sleek and stylish street bicycle. The controller is neatly tucked out of sight beneath the rack carrier, the cables disappear inside the frame, and also gone is the external speed sensor which is now integrated into the hub motor.

Both frame platforms are outfitted with an abundance of thoughtful details and sensible, convenient-access accessories. All feature the JD-developed patented integrated rear rack battery carrier with quick release and lock system which allows the rider to easily remove the battery for separate charging or to lighten the bike for conventional riding.

JD's electric bicycles are powered by TranzX PST and come with a range of different specifications in different price categories, offering either a rear or front mounted motor and a Shimano Nexcave 7-speed or Nexus 8-speed or 3-speed shifter.

JD manufacturing capacity ready for market increase

Environmental-friendly mobility is fashionable, and e-bikes are starting to take off as an alternate means of transportation. Propelled by a perfect tailwind of technology, high oil prices and the vogue for all things green, global sales of bikes driven by battery-powered electric motors are climbing noticeably.

After the Asian boom, all indicators show that Europeans are ready to embrace this product on a large scale. The bicycle industry expects e-bikes to become a best seller in the near future, and many are adjusting their business plans to position themselves for the coming e-bike boom.

With a total of three manufacturing factories in Taiwan and China, including a plant equipped with the latest manufacturing technology to churn out e-bikes, JD is ready for the increasing market demand. The company is preparing to handle production of 100,000 bicycles a year.

TranzX PST: Adaptability meets OEM market demands

TranzX PST provides a multitude of benefits to vendors, letting them accelerate their own manufacture of electric bicycles to meet the growing demand for e-bikes.

Manufacturers can easily customize OEM-ready TranzX PST into their frames, specs and solutions, letting them aggregate and present the latest-technology, pedal-activated bike at a very affordable price.



TranzX PST lets manufacturers increase revenue by reaching more users, optimizing their solutions to their cyclists' experience requirements and increasing reach into their customer base.

With its technology advantage, design capability, production techniques and competitive pricing – is there any wonder that Gino Tsai and his team are starting to feel like it's déjà vu all over again.

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