

## Tech Briefs

### Pack Converts Bike into Pedal-Powered Boat

VIGEVANO, Italy—Italian engineering company SBK Engineering has produced an innovative backpack, which converts a bicycle into a water-bike within 10 minutes. This enables off-road trekking without water barriers. With the Shuttle-Bike Kit, the canal systems of Venice or Amsterdam are now no problem to manage. The Shuttle-Bike Kit is used in both Europe and America in a variety of commercial and leisure roles—for resort rental, along with ship-to-shore tender usage and search and rescue duties. One of Shuttle-Bike's biggest strengths is its portability. It can carry a load of 125 kilograms (275 pounds) safely, and in rescue conditions can carry 200 kilograms (440 pounds) plus. The Shuttle-Bike Kit adapts to almost any bike with round frame tubes with a set of universal clamps. The permanent clamp accessories are designed to lock onto the Shuttle-Bike frame without any tools. The whole kit snaps together, tightens and inflates by hand and pedal power in roughly 10 minutes. The floats can be blown up by means of a small pump, enabling users to pedal with their feet rather than use their lungs to inflate the floats. The propulsion system begins with a pivoting roller/gear mechanism that attaches to the frame and adjusts to contact the rear wheel when the bike is used on the water. Power is then transferred by means of a flexible drive shaft to the gear/propeller/rudder assembly attached to the front wheel. The propeller/rudder allows a rider to steer with the handlebars. For more information, go to [www.shuttlebike.com](http://www.shuttlebike.com).



### Spinnerz Allow Cyclists to Pimp Their Bicycle

CINCINNATI, OH—For BMXers that feel that their bike is missing some flash and style, Will Gear has introduced the Spinnerz. The Spinnerz takes the concept of spinners commonly seen on car rims and adapts it to fit on any bike.



"Extensive research and development went into the innovative patent design to ensure Spinnerz hits the mark for all age groups," said Chris Will, founder and president of Will Gear. Spinnerz is extremely durable and is designed to maximize the amount of spin. Spinnerz fits most axles, and installs in minutes; it doesn't require the removal of any part of the wheel including the spokes. Spinnerz is safe for all ages and come equipped with reflectors for night visibility and added style. Moreover, it's designed with smooth edges and can easily be stopped by hand. "Spinnerz will be available in a variety of colors, styles and shapes," Will said. "Consumer feedback on Spinnerz has been unbelievable. We are confident Spinnerz will be on the short list of must-have items, especially for kids between the ages of six and 14." Spinnerz will be available this fall. The company will unveil the product next month at Interbike.

### WeeRide Seat Lets Children Ride in the Front

PARSIPPANY, NJ—Instead of staring at someone's back, the WeeRide Children's Bicycle Seat gives children the opportunity to see what a rider sees. That was one of the many goals Malcom Jefferson had when he came up with the WeeRide. His son loved it, and everyone else who saw it did as well. The center-mounted carrier attaches to a specially designed bar that fits virtually any bicycle. The WeeRide allows a child to be visible at all times by the rider, while their needs can be heard, seen and attended to more easily. With the WeeRide, the child's weight enhances rather than impairs bicycle stability. The seat is an injection-molded plastic form with several key features, including enclosed foot beds designed to protect children's feet; padded pedestal armrest giving children somewhere comfortable to put their hands and napping toddlers somewhere to rest their heads; and a fully adjustable three-point security harness. The steel support bar is an independent support system that doesn't interfere with brake cables or other attached bicycle gear. For more information, go to [www.weeride.com](http://www.weeride.com).

## DISK BRAKES

Park Tool USA

PARK TOOL SOLUTIONS:



DT-1

perfectly machine the face of frame and fork tabs to create a flat surface parallel to the rotor.



DT-2

specially designed and precisely manufactured to gently adjust bent brake rotors



DT-3 gauge optional

DT-3

accurately gauges the straightness of disc brake rotors

300 tools to make your job easier.

[www.parktool.com](http://www.parktool.com)