

## Still Small, Even More Useful: The Tern GSD



Summer 2022 – Urban mobility specialist Tern has ignited a long-running success with its e-cargo bike in the "longtail" format. Originally launched in 2017, the GSD created waves in the bicycle world by challenging tradition with its compact yet highly functional design. The current 2nd generation GSD pushes boundaries even further and can help more families and businesses transition to sustainable mobility.

"The original GSD was a complete rethink of how an electric bike could be optimized for urban usage," stated Joshua Hon, Tern Team Captain. "We think we did a pretty good job, but that was only version 1.0. Now that we've had tens of thousands of kilometers under the collective belt of the development team, and two years worth of rider feedback, we've been able to do a lot of things even better."

Rated to a gross vehicle weight of 200 kg (440 lb), the GSD can do the work of a heavy-duty cargo bike. It carries up to two kids or even an adult passenger, plus a whole lot of groceries—but it's the same length as a regular bike. Quick tool-free adjustments let the GSD fit riders 150 - 195 cm tall (4'11" - 6'5"), making it extremely easy to share between different family members. The bike is also compact enough

to be stored upright in small apartments, and flat folds to one third of its volume to fit in minivans or SUVs.

The enormous capacity and compact size of the GSD have also made it a favorite among businesses looking for more sustainable solutions to deliver goods and services. The GSD has been empowering nonprofit organizations and commercial businesses to do more by bike while trimming down operating costs and reducing their carbon footprint.

All the top features for which its riders love the GSD have remained the same - and have even been improved and refined in almost every detail:

### **Stronger, Stiffer, and More Stable**

The GSD (Gen 2) gets an even beefier frame, with substantially larger and internally-reinforced tubes, as well as optimized truss work for more stiffness. Even with heavy cargo or passengers, riding the GSD is a breeze.



### **Best-in-Class Kickstand**

The GSD is fitted with the patented Atlas Lockstand. Wide, strong, and stable, it has an Auto Lock feature when engaged, and a Remote Unlock lever on the handlebars for convenience and safety. With the Atlas Lockstand, loading and unloading cargo or young passengers has never been safer.

### **Comfier for Short and Tall Riders**

The GSD is updated to Easy-Step frame geometry, with a slacker seat tube angle and higher handlebars to fit smaller and taller riders better. Easy-Step geometry also allows riders to reach the ground at stops more easily. The addition of a custom suspension fork in all models and a suspension seatpost in specific packages completes the comfort picture.





### **More Power**

All GSD models feature the best-in-class Bosch Cargo Line (Gen 4) motor that's designed for heavy loads and hilly roads. This motor provides e-assist with up to 85 Nm of torque and 400% support, and is also backed by Bosch's unparalleled warranty and service.

### **More Safety**

Every GSD is equipped with Tern's RearStop Brake Light system which stays on day or night, regardless of whether the bike lights are on or off. Select models also receive the Ignis Headlight, which projects an ultra-wide 700-lumen beam and has selectable high and low beams.

### **More suitability**

Practical details and features can make all the difference in everyday use. That's why all versions of the GSD are equipped with a full chain guard and a rear wheel fairing to protect riders and passengers from road grime and contact with the chain or belt. To further increase its transport capacity, a wide variety of coupling systems for child, dog or cargo trailers can be firmly bolted to the rear rack. And an easily accessible Abus lock on the suspension fork provides the necessary theft protection.

### **The Wish List**

GSD S00 and R14 models are equipped with a Gates belt drive for smooth and low-maintenance riding. And for those looking for the very ultimate in bicycle technology, the GSD R14 is equipped with a Rohloff Speedhub and E-14 electronic shifting. Handmade in Germany, the Rohloff offers 14 gears, a massive 526% gear range, Auto Downshift, and the smoothest shifting available.

### **Multiple Accessories**

The GSD has always had an incredible ecosystem of accessories that allow the e-bike to be adapted to a wide variety of luggage and passenger transport tasks. For example, the Cargo Hold 52 Panniers hold a massive 104 litres of equipment or

shopping. In the Captain's Chair, older children or even adult passengers can ride along in a relaxed manner, while the "[Doghouse Mini](#)" is suitable for four-legged companions. The variable rear rack attachment called Clubhouse+ offers enough space for up to two child seats. Extended by the Storm Box, cargo (160 litres!) and passengers enjoy plenty of weather protection - and when the "[Clubhouse Fort](#)" is fully installed, it keeps little passengers dry, cozy and safe 365 days a year.



### **Tough and Tested**

But the GSD is not just massively upgraded—it's also rigorously tested for reliability and safety. Tern has partnered with EFBE Prüftechnik GmbH, one of Europe's leading bicycle testing labs, to test the GSD using the EFBE Tri-Test, which is based on the recently-announced German cargo bike standard. The GSD has passed the Tri-Test up to the claimed load limit of 200 kg, which means the bike not only meets but exceeds the newest German cargo bike standard.

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For more information and current prices, visit:

<https://www.ternbicycles.com/bikes/gsd>

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