

FACTSHEET MELLOW BOARDS



Product

The Mellow Drive is an electric skateboard drive custom-made in Germany that can be mounted on any skateboard or longboard. Which makes it the smallest and most flexible electric vehicle. By simply replacing the rear truck of the board the drive brings the sense of the Endless Ride from surfing or snowboarding to the streets, even if it's just on the way from A to B.

Produced on automotive standards in Germany, the drive sets new standards in terms of quality, sustainability and safety.

Two proprietary and very quiet in-wheel motors let the board accelerate to up to 25 mph (40 km/h) at a range of up to 9.3 miles (15 km). Whoever wants to go further benefits from the swappable, rechargeable battery pack that can also be used as a USB power bank. Additionally, a regenerative braking system feeds energy back into the battery. Exceptionally low friction in the motorized wheels also allows classic skateboarding without electric support at any time.

The entire drive system is water and dust proof in all weather conditions (IP65) and comes with a two-year warranty. Moreover, the battery is air travel approved so that the Mellow Drive can easily be taken on the plane.

Intelligent power electronics offer a range of safety features. In contrast to other electric skateboard manufacturers, whose braking mechanisms shut down when the battery is fully charged, the Mellow Drive effectively discharges surplus energy to the environment through a heating resistor in the drive's frame. A run-off blocker avoids the board accidentally shooting away without a rider and if the Bluetooth connection between drive and remote control gets lost the board automatically slows down.

The Mellow Remote, an intuitive slide control, is used for acceleration and braking, lets the user check the remaining battery capacity and choose between the 4 different riding modes: Rookie, Eco, Pro & Endless. The Endless Ride mode acts like a cruise control and is a first and one of its kind for electric skateboards.

Finally, a mobile app completes the Mellow experience. It comes with advanced monitoring and control features, a 24/7 support and helps to plan trips by displaying the potential range on a map according to the battery capacity and riding mode.

In the future, urban transportation won't focus on cars anymore. Innovative, sustainable solutions will reduce the traffic chaos and make our cities a better place to live. Mellow moreover turns daily commutes into a joyride, no matter if used as last mile solution in combination with the bus, train or plane or for the daily way to work.

Technical Specifications & Details

General

Production: Made in Germany

Weight: 9 lbs. (4.1 kg)

Dimensions: 14.6 x 11.4 x 4.3 in (370 x 289 x 110 mm)

Max. velocity: 24.85 mph (40 km/h)

Range: 9.3 miles (15 km)

Max. grade: 20 %

Protection rating: Water & dustproof (IP 65)

Certificates: CE, UN3480, UL2045, IEEE, FCC

Warranty: 2 years

Price: 1,799.90 €

Motors

System: 2 in-wheel motors

Torque: 2x3 Nm

Brakes: Dual, regenerative braking system

Frame

Material: Magnesium

Max. temperature: 212°F (100°C)

Battery

System: Swappable battery pack

Weight: 2.2 lbs (1 kg)

Voltage: 25 V

Energy content: 99 Wh

Cell type: Lithium-ion, 18650 round cells

Warranty: 1 year

Charger

Regular: 3,5 hrs

Fast Charger: 45 min

Handheld remote control

Setup: One button slider device

Wireless Connection: Bluetooth, LE-encoded

Safety: Wrist strap, vibration alert

Riding modes: 4

App

Compatible: iOS, Android

Company

When Johannes Schewe and Kilian Green started Mellow it was just two guys dreaming of the Endless Ride – bringing the feeling of surfing and snowboarding to the streets. Three years of design, prototyping and fine-tuning were necessary to produce a creation with more than 300 custom-made individual parts which would make the dream of the Endless Ride come true. The result is a mountable electric skateboard drive – a high quality product for high-performance use, made in Germany. With the help of a whole bunch of similarly enthusiastic board sports people, a successful Kickstarter campaign in 2015 and the cooperation with investor and production partner TQ Systems, Mellow Boards launched the final Mellow Drive in March 2017.

The Mellow team has the ambition is to set new standards. Ten employees and more than a dozen of freelancers, bring a variety of professional skills to the table. They are not only driven by the dream of the endless ride, but also by the vision of sustainable urban transportation. The Mellow Drive offers an innovative emission-free alternative to cars, busses or scooters and is a smart last-mile solution, able to transform how we think about urban transportation.

Founders

Johannes Schewe (co-founder)

Johannes was six years old when he first stepped onto a skateboard – a deciding moment in his life as it turns out. A growing obsession with snowboarding brought him to host the „Ride Inside Summer Camp“ at the age of 18, which soared to become the biggest indoor snow camp in Europe. Following this, a 12 month trek through Australia added surfing to his unending boardsport addiction. After trying his first electric skateboard, he thought: There must be a better way to do it! With the heart and guts of a boardrider and a degree in Sports and Economics, Johannes tackled the adventure of entrepreneurship. Since 2015 he is leading the Mellow Boards company as its visionary founder and CEO.

Kilian Green (co-founder, CTO)

When Kilian sets his mind to something, he will achieve it, no matter what. Starting his tech career early in childhood as a LEGO nerd, he studied to become an electrician, then shifted gears to earn a graduate degree in mechatronics that would lead him to develop electric vehicles for BMW. However, it was Johannes' idea of a mountable skateboard drive that lit up a different kind of ambition. The two met by chance during a surf vacation in the winter of 2013/2014. The Endless Ride became their shared vision, attracting him to co-found Mellow as its chief technical officer and become his own boss – and thus realizing another lifelong dream.

Facts & Figures (February 2019)

Company: Mellow Boards GmbH (a TQ-Group Company)

Location: Headquarters in Hamburg, Production in Munich

Website: <https://www.mellowboards.com>

Social Media: <https://www.facebook.com/mellowboards/>, <https://youtube.com/mellowboards>,
https://instagram.com/mellow_boards/, <https://twitter.com/mellowboards>

Founded: January 2015

Product Launch: March 2017

Acquisition by TQ Systems: November 2018

Managing Directors: Christian Stangl (CEO), Kilian Green (co-founder, CTO), Tony Günther (COO)

Team: 10 employees and freelancers

Investor & Production Partner: TQ Systems, a leading German electronics service provider for drive systems

Product: Mellow Drive – a high-end, high-performance electric drive mountable on almost any skateboard

Vision: The Endless Ride – bringing the feeling of surfing and snowboarding to the streets

Mission: Sustainable Urban Transportation – providing innovative emission-free alternatives

Press Contact

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