

FACTSHEET MELLOW BOARDS



Product

The Mellow Drive is the world's first electric skateboard drive custom-made in Germany and one of the first that can be mounted on almost any skateboard or longboard. 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.

Two proprietary 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.

For users who have longer boards and want more power it is possible to mount a second drive, replacing the front truck. In this way the board is transformed into a 4x4 riding machine with improved acceleration and uphill performance. The entire drive system is water and dust proof in all weather conditions (IP65) and comes with a two-year warranty.

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. And just in case the drive does overheat due to a sustained braking process, the user is immediately notified through haptic, acoustic and visual signals in the handheld remote control. The one button slider device provides maximum comfort and control and lets the user choose between the 4 different riding modes (Rookie, Eco, Pro & Endless Ride).

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.

Technical Specifications & Details

General

Production: Made in Germany
Weight: 8.5 lbs. (3.9 kg)
Dimensions: 14.4 x 6.8 x 2.3 in (366 x 174 x 59 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: 1699 €

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 lbs (900 g)
Voltage: 25 V
Energy content: 99 Wh
Cell type: Lithium-ion, 18650 round cells
Warranty: 1 year

Charger

Regular: 3,5hrs
Fast Charger: 45min

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 launches the final Mellow Drive in February 2017.

The Mellow team has the ambition is to set new standards. Six 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 mobility. 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 mobility.

Founders

Johannes Schewe (co-founder, CEO)

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 2017)

Company: Mellow Boards GmbH

Location: Headquarters in Hamburg, Production in Munich

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

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

Founded: January 2015

Product Launch: February 2017

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

Employees: 6

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 Mobility – providing innovative emission-free alternatives for urban mobility

Press Contact

Kathrin Hoffmann

PR Manager

Email: press@mellowboards.com

Mobile: +49 (0)163 66 22 345

Budapesterstraße 49 | 20359 Hamburg | Germany