

MAG® Bike | Experience the Future of E-Biking

Unique features and components (Factsheet - MAR 2024)

The MAG® Bike stands out due to its innovative use of magnesium in the frame, advanced components, and a focus on creating a high-performance electric mountain bike. It aims to deliver a lightweight, stable, and durable e-bike with excellent riding properties and unique design features. The combination of these features makes it an attractive option for those looking for an advanced e-bike experience and sets it apart in the electric bicycle (e-bike) market.

- 1. Magnesium Monolithic Frame (Patented):** The frame of the MAG® Bike is made from magnesium, which is not only lighter than aluminum but also has excellent shock-absorbing properties. The patented monolithic frame design, made without welds, is likely to contribute to the bike's structural integrity and unique appearance.
- 2. Weight:** The bike's weight is specified at 23 kg, which is relatively lightweight for an e-bike. The use of magnesium likely contributes to this reduced weight, making it easier to handle and more efficient in terms of power consumption.
- 3. Cane Creek Suspension:** The use of Cane Creek suspension components (Shock and Fork) enhances the bike's performance, with the shock offering a coil design for improved performance and shock absorption.
- 4. Brose S Mag Motor:** The Brose S Mag motor with 90 Nm of torque provides significant power for the bike, allowing for efficient and easy pedaling assistance. The 25 km/h limit is in line with typical e-bike speed regulations.
- 5. BMZ V10 Battery:** The BMZ V10 battery with 725WH capacity is substantial, which means the bike can have a longer range on a single charge. Having a reliable and long-lasting battery is crucial for e-bike users.
- 6. Hope Tech4 V4 Brake:** The HOPE Tech4 V4 brake system is known for its stopping power and precision, enhancing the safety of the bike.
- 7. SRAM XX SL Eagle AXS Derailleur:** The use of SRAM's wireless electronic shift system (Eagle AXS) contributes to a smooth and precise shifting experience, enhancing the bike's overall performance.
- 8. SRAM Crankset and Chainring:** The use of SRAM crankset and chainring deliver efficient power transfer with a lightweight design.
- 9. Wireless Seatpost Adjustment:** The wireless seatpost adjustment from SRAM Reverb AXS offers convenience and customization options for riders.
- 10. Carbon Mag® Components Wheels:** Carbon wheels are known for their lightweight and strength, contributing to the bike's overall performance and stability.
- 11. Mag® Components Throughout:** The presence of Mag® Components in various parts of the bike, including the handlebar, headset, saddle, and brake disc, suggests a focus on using magnesium for weight reduction and performance improvement.
- 12. Maxxis Rekon Tires:** The use of Maxxis Rekon tires provides good traction and handling on various terrains.