

## MAG®Bike | Experience the Future of E-Biking

Unique features and components (Factsheet - Nov 2023)

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 22 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. **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.
7. **Mag Components Crankset and Chainring:** The use of magnesium in the crankset and chainring not only saves weight but may also improve the bike's power transfer and efficiency.
8. **Carbon Mag Components Wheels:** Carbon wheels are known for their lightweight and strength, contributing to the bike's overall performance and stability.
9. **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.
10. **Wireless Seatpost Adjustment:** The wireless seatpost adjustment from SRAM Reverb AXS offers convenience and customization options for riders.
11. **Hope Tech4 V4 Brake:** The HOPE Tech4 V4 brake system is known for its stopping power and precision, enhancing the safety of the bike.
12. **Maxxis Rekon Tires:** The use of Maxxis Rekon tires provides good traction and handling on various terrains.