

# Magna EtelligentReach

EtelligentReach is a BEV powertrain solution with highly integrated Magna eDrive systems on the front and rear axles, as well as an intelligent operating strategy that allows for outstanding drivability in any situation with the most efficient energy use and an extended range.



## Features and Specifications

### Rear Electric Drive Unit Magna eDS Mid+ w/ TV

- Peak axle power: 160 kW for 30 s
- Peak axle torque: 3,750 Nm
- Cont. axle torque: 1,500 Nm
- Maximum capacity per clutch: 3,000 Nm
- Ratio rear axle: 11,307

### Front Electric Drive Unit Magna eDS Mid+ w/ DC

- Peak axle power: 160 kW for 30 s
- Peak axle torque: 4,000 Nm
- Continuous axle torque: 2,000 Nm
- Ratio front axle: 11,720

## Magna Operating Strategy

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## Competitive advantage/differentiators

- **Efficiency**  
+ 16 % range through powertrain efficiency optimization
- **Safety**  
Up to 15 % safety margin
- **Convenience**  
- 50 % steering wheel angle demand
- **Dynamics**  
+ 0.1 g lateral acceleration

## Applications/benefits

- **Range**  
+ 145 km / 90 miles through eDrive system optimization, intelligent operation strategy, vehicle optimization and battery energy density

