Concept & Demo Vehicle EtelligentCommand

Magna EtelligentCommand

EtelligentCommand is a PHEV/HEV system featuring a dedicated hybrid drive DHD Plus at the front and an eDrive Mid+ with torque vectoring at the rear, combined with advanced software and controls. Various driving modes are available on command with uncompromised performance, outstanding drivability, as well as superior power handling and control.



Features and Specifications

Front Electric Drive Unit Magna DHD Plus

1.5 I 3-Cyl. gasoline engine Engine type:

Engine power: 147 kW · Engine torque: 280 Nm

120 kW at 350 V. F-motor:

200 Nm peak

Rear Electric Drive Unit Magna eDS Mid+ w/ TV

· Peak axle power: 160 kW for 30 s

 Peak axle torque: 3.750 Nm Continuous axle torque: 1,500 Nm Continuous axle torque: 1.500 Nm

 Ratio RA: 11.307

 HV Battery: 21.5 kWh (usable)

· Range (WLTP): 110 km

Competitive advantage/differentiators

Efficiency

Enables up to -38 % CO2 saving in real-world driving conditions and 110 km pure electric range (WLTP)

Safety

Up to 15% safety margin

Dynamics

Extended e-boost capability on front and rear axle

Sustainability

- 40% life cycle CO2 emissions (LCA 2025 to 2035)

Discovery

Applications/benefits

Convenience

Best-in-class drivability including eLaunch and modes for any driving situation

in Production

Concep