

# MAGTEC - MEV75 7.5T EV TRUCK



Magtec's MEV75 is based on an Isuzu Glider Chassis giving GVW of 7,500kgs making it an ideal choice for urban operations such as; waste clearance, last mile logistics, chilled/refrigerated deliveries...

Smooth, responsive and relaxing to drive, MEV75 is easier and cleaner for the driver to operate and being much quieter than traditional diesel trucks they allow for greater flexibility where night-time deliveries in urban residential areas are concerned.

Flexibility 'on the go' onboard (mode 3 type 2) and regenerative charging gives great range.

The MEV75 simultaneously address the dual crises of climate change and urban air quality because they offer the lowest possible CO2 per km and eliminate 100% of tailpipe pollution – add the benefit of no low/zero emission zone charges and it's the green choice.

With fewer moving parts than a diesel truck, an MEV75 means lower maintenance costs and increased uptime resulting in a step change in fleet longevity and a radical reduction in lifetime cost per km.

For more information contact Magtec at [info@magtec.co.uk](mailto:info@magtec.co.uk)

# MEV75 SPECIFICATION

Magtec P180 eMotor / Gearbox	
Type - Permanent Magnet AC (PMAC)	
Continuous Power - 120kW	
Max. Power - 150kW	
Max. Torque - 1900Nm peak	
Efficiency - 94% peak	

HVAC - Cab Heating and Air Conditioning	
Electric PTC heater 7kW, HVDC powered - as standard	
Electrical Aircon, HVDC powered - as standard	

OEM Chassis/Cab - as standard (3815mm Wheelbase)	
Cab Type	Day
GWW	7500kgs
Payload Allowance (body and Payload) - as standard	4728kgs
Vehicle Livery Available - £POA	

Magtec Assist*** - 3 years as standard includes;	
Warranty - EV System, Batteries and OEM Chassis	
Service Healthchecks - 6 monthly by Magtec or approved partners	
Telematics - diagnostic, monitored - customers portal (optional)	

Magtec Battery System	Range* (km)
<b>80kWh capacity - as standard</b>	up to 100
120kWh capacity - option 1	up to 150
160kWh capacity - option 2	up to 200
Life Cycle - up to 10 years <sup>^</sup>	
Cell Chemistry - Lithium-Ion (NMC)	

Charging - as standard	
Up to 22kWh via Mode 3 Type 2 32amp 3ph 5 pin - as standard	
Charge time - approx. 4 hours up to 80%	

Wheelbase	
3815mm - Glider - as standard	
4475mm - Glider	
2765mm and 3365mm - Diesel Only	

Dimensions** - as standard (3815mm Wheelbase)	
Overall Length - as standard	6690mm
Overall Height - unladen	2265mm
Recommended Body Width	2345mm
Recommended Body Length	4876mm



Cost Effective Power-System



Upgradable Plug and Play Architecture



Balance Mounted Batteries for Safety & Dynamics



On Board 22kWh Charger – Access to National Charging Network



Adaptable to all Isuzu OEM Glider Chassis



Integration with Body Suppliers - 100% Electric Power to Operate Ancillaries



Low Total Cost of Ownership - No Fuel, Fewer Moving Parts



Powerful Handling with a Smooth Ride



Zero Emissions - Reduce Your Carbon Footprint



Driver Comfort - Low Noise, No Fumes, No Heat

\*Range figures are intended as a guide only and are based on unladen, cab chassis test drive conditions. Actual range achieved depends on many factors including; load, body design, driving style, equipment power takeoff, road conditions, topography, regenerative braking configuration.

\*\*Dimensions are based on as standard 3815mm Wheelbase, for further information and guidance for other Wheelbase please contact Magtec.

\*\*\*subject to the terms detailed in the Magtec Assist agreement, full details available on request at [info@magtec.co.uk](mailto:info@magtec.co.uk)

<sup>^</sup>Life cycle figures as subject to operating parameters.

The information in this Magtec MEV75 brochure was correct at the time of printing, all specifications are subject to change without notice. The information in this brochure is general in nature.

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