

MIGHTY Electric.

Specifications.

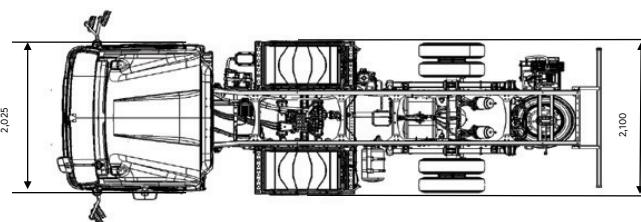
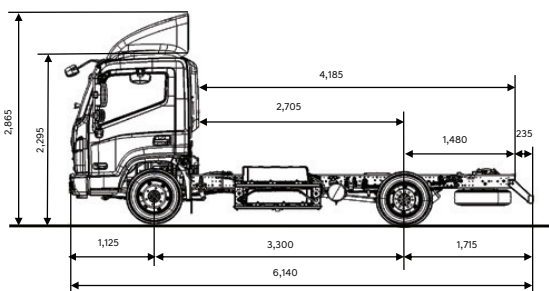


Hyundai Mighty Electric	
Motor	Electric Motor
Motor type	Permanent magnet synchronous motor
Configuration	Chassis mounted driving rear wheels
Maximum power	120 kW
Maximum torque	320 Nm
Maximum vehicle speed	100 km/h
Battery	
Battery type	Lithium-ion (LFP)
Capacity	114.5 kWh
Voltage	502 V
On-board AC charger	Electric Motor
Charging capacity (maximum)	6.6 kW
Standard charging time (8 to 100%)	Approximately 16 hours
Charging port	Type 2 (IEC 62196-2 Type 2)
On-board DC fast charger	Electric Motor
Charging capacity	100 kW
Charger compatibility	569.4 V or above (i.e. 800 V charging infrastructure) (Not compatible with 400 V charging infrastructure)
100 kW fast charging time (8 to 100%)	71 minutes
Charging port	CCS Combo2 (IEC 62196-3 Configuration FF)
Transmission	Electric Motor
Reduction gear	Single speed reduction gear
Gear ratio	
Final	5.375

Key:

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Hyundai Mighty Electric				
	Electric Motor			
Type	Electro-hydraulic power steering			
Minimum turning circle diameter between kerbs / walls	13.0 m			
Steering angle	Inner: 38° Outer: 32°			
Suspension	Electric Motor			
Front	Tapered leaf springs			
Front spring size	1300mm x 70mm x 14T -4			
Rear	Multi leaf springs			
Rear spring size	Main: 1,400mm x 70mm x 12T -6 Helper: 1,060mm x 70mm x 14T -4			
Service Brakes	Electric Motor			
System	Air brake with auto adjuster			
Front brake type	Drum			
Front drum dimensions	320 mm x 100 mm			
Rear brake type	Drum			
Rear drum dimensions	320 mm x 100 mm			
Parking brake	Spring brake			
Weight	Cab Chassis		Dry Pantech	Refrigerated Pantech
Kerb weight	3,250 kg	3,250 kg	3,250 kg	3,250 kg
- Front	1,780 kg	1,780 kg	1,780 kg	1,780 kg
- Rear	1,470 kg	1,470 kg	1,470 kg	1,470 kg
Payload	4,050 kg	4,050 kg	4,050 kg	4,050 kg
Gross Vehicle Mass (GVM)	4,500 kg	7,300 kg	7,300 kg	7,300 kg
- Front	2,300 kg	2,300 kg	2,300 kg	2,300 kg
- Rear	5,000 kg	5,000 kg	5,000 kg	5,000 kg
Energy consumption*	Cab Chassis		Dry Pantech	Refrigerated Pantech
All Electric Range (AER)	Up to 200km		-	-
*Range capability will be affected by factors such as driving conditions and vehicle body configuration. Figure derived from local real-world testing and is based on a tray body configuration loaded to 7.3T GVM.				
Dimensions	Cab Chassis		Dry Pantech	Refrigerated Pantech



Exterior				
Length	6,140 mm	6,140 mm	6,140 mm	6,140 mm
Width	2,100 mm	2,490 mm	2,490 mm	2,490 mm
Height	2,865 mm with roof spoiler (2,295 mm without roof spoiler)	3,320 mm (roof of Pantech)	3,320 mm (roof of Pantech)	3,320 mm (roof of Pantech)
Wheelbase	3,300 mm	3,300 mm	3,300 mm	3,300 mm
Wheel track - front / rear	1,782 mm / 1,603 mm	1,782 mm / 1,603 mm	1,782 mm / 1,603 mm	1,782 mm / 1,603 mm

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Minimum ground clearance (based on kerb weight)	190 mm	190 mm	190 mm
Cab to rear axle	2,705 mm	2,705 mm	2,705 mm
Cab to end of frame	4,185 mm	4,185 mm	4,185 mm
Pantech Dimensions	Cab Chassis	Dry Pantech	Refrigerated Pantech
Length	-	4,120 mm	4,120 mm
Width	-	2,320 mm	2,320 mm
Height	-	2,200 mm	2,200 mm
Door Height	-		
Door Width (Loading Space)	-	940 mm	940 mm
Layout (1x Left side door + 2x rear door)	-	•	•
Frame	Cab Chassis	Dry Pantech	Refrigerated Pantech
Frame type	H-type frame with channel section side rail & cross members Side rails reinforced with outer stiffeners	H-type frame with channel section side rail & cross members Side rails reinforced with outer stiffeners	H-type frame with channel section side rail & cross members Side rails reinforced with outer stiffeners
Side rail dimensions (depth x flange x thickness) in mm	183 x 60 x 6+3.2t	183 x 60 x 6+3.2t	183 x 60 x 6+3.2t
Wheels & tyres	Cab Chassis	Dry Pantech	Refrigerated Pantech
Wheel type	Aluminium alloy	Aluminium alloy	Aluminium alloy
Wheel configuration	Single front, double rear	Single front, double rear	Single front, double rear
Wheel dimensions	17.5 x 6.0	17.5 x 6.0	17.5 x 6.0
Tyre dimensions	205/75R17.5 14PR	205/75R17.5 14PR	205/75R17.5 14PR
Spare wheel type	Full size aluminium alloy	Full size aluminium alloy	Full size aluminium alloy
Electric vehicle functions	Cab Chassis	Dry Pantech	Refrigerated Pantech
Regenerative braking control - via windshield wiper stalk	•	•	•
Drive Mode - 2 settings (Normal & Eco)	•	•	•
E-PTO	•	•	•
Refrigeration Unit	Cab Chassis	Dry Pantech	Refrigerated Pantech
Thermoking EV580	-	-	•
Thermoking temperature controller	-	-	•
Driving convenience	Cab Chassis	Dry Pantech	Refrigerated Pantech
Cruise control	•	•	•
Steering wheel mounted controls - audio, phone, cruise control, & trip computer	•	•	•
Tilt & Telescopic steering column	•	•	•
Active safety	Cab Chassis	Dry Pantech	Refrigerated Pantech
Electronic Stability Control (ESC) including;			
Anti-lock Braking System (ABS)	•	•	•
Hill-start Assist Control (HAC)	•	•	•
Traction Control System (TCS)	•	•	•
Hyundai SmartSense™ including;			
Forward Collision-Avoidance Assist (FCA) - camera and radar type, including:	•	•	•
- Car/Pedestrian detection			
Lane Departure Warning (LDW)	•	•	•
Other features			
Rear view camera with guidelines	•	•	•

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Passive safety	Cab Chassis	Dry Pantech	Refrigerated Pantech
Airbags			
Front airbags - driver & front outboard passenger	•	•	•
Seatbelts			
3-point retractable seatbelts - outboard seats	•	•	•
Pretensioners & load limiters - outboard seats	•	•	•
Seat belt reminder - driver's seatbelt	•	•	•
Park Brake Alarm	•	•	•
Security	Cab Chassis	Dry Pantech	Refrigerated Pantech
Security system			
Central locking	•	•	•
Engine immobiliser	•	•	•
Remotes			
Keyless entry remote - 1x	•	•	•
Multimedia system	Cab Chassis	Dry Pantech	Refrigerated Pantech
Functions			
Bluetooth phone connectivity	•	•	•
Touch screen - 8.0" display	•	•	•
Truck Navigation with EV charging data base	•	•	•
OTA (Over The Air) Updates	•	•	•
Speakers			
Audio system - 2 speakers	•	•	•
Audio/media sources			
AM / FM / DAB / DAB+ radio	•	•	•
Bluetooth audio streaming / Hands free	•	•	•
USB multimedia input - 1x	•	•	•
Apple CarPlay / Android Auto	•	•	•
AHD camera input x6	•	•	•
Occupant comfort & convenience	Cab Chassis	Dry Pantech	Refrigerated Pantech
Front seats			
Driver's seat - suspension seat	•	•	•
Front centre console - power outlet - 2 x 24V outlet	•	•	•
Grip handles - 1x Driver 2x Passenger	•	•	•
Windows/shades			
Power windows - front & rear	•	•	•
Drive Engagement	Cab Chassis	Dry Pantech	Refrigerated Pantech
Rotary Dial Gear Selector	•	•	•
Vision & sight	Cab Chassis	Dry Pantech	Refrigerated Pantech
Exterior mirrors			
Heated	•	•	•
Instrument cluster/driving displays			
Supervision cluster - 7.0" TFT colour LCD with trip computer, digital speedometer, & diagnostic information	•	•	•

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Hyundai Mighty Electric			
Ventilation & heating	Cab Chassis	Dry Pantech	Refrigerated Pantech
Air conditioning			
Manual controls	•	•	•
Exterior styling	Cab Chassis	Dry Pantech	Refrigerated Pantech
Front			
Front bumper - body coloured	•	•	•
Roof spoiler - body coloured	•	•	•
Lighting	Cab Chassis	Dry Pantech	Refrigerated Pantech
Exterior lighting - front			
Daytime Running Lights (DRL) - LED	•	•	•
Fog lights	•	•	•
Headlight functions - automatic dusk sensing	•	•	•
Interior lighting - front			
Front room light	•	•	•
Interior lighting - Pantech			
Interior LED Lights - 6x		•	•
Storage solutions	Cab Chassis	Dry Pantech	Refrigerated Pantech
Front seats			
Overhead storage console - driver's side	•	•	•
Ticket holders - sunvisors (driver and front passenger)	•	•	•
Cup holders - 4x	•	•	•
Map pockets and bottle bulges	•	•	•

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