

JAC MOTORS

ELECTRIC LIGHT TRUCK



HELLO, WE'RE JAC. OVER 60 YEARS OF TRUCKING

While having flown under the radar in New Zealand until recently, JAC has a history of over 60 years. Today, JAC (pronounced "Jack") is a leading commercial vehicle manufacturer, proudly holding the title of China's #1 premium commercial vehicle exporter, with a global presence in over 100 countries.

Strategic Partnerships and Innovative Spirit

JAC Motors has strong partnerships with Volkswagen Group, Cummins, and Huawei to driving innovation and growth. With a wide range of vehicles sold in over 100 countries, JAC has established itself as a trusted name in the industry.



GLOBALLY PROVEN

The JAC brand is tried and trusted internationally, its impressive client roster includes renowned companies including:



PepsiCo drivers boast about the improved driving experience



Heineken launch their JAC EV Trucks



DHL'S JAC EV Fleet helping to achieve decarbonisation goals



A saucy choice... Kraft Heinz JAC EV Truck

BACKED BY KIWIS FOR 100+ YEARS



Your JAC vehicle is supported by a team of Kiwi experts with a wealth of knowledge and over 100 years of supporting Kiwis in automotive.

JAC Motors New Zealand is proudly backed by NZ Automotive Ltd (NZAL), a subsidiary of CMC Ltd, a well-established and respected automotive retailer and distributor group with a rich history dating back to 1911.

ECONOMICAL DRIVING



Driving range

200km+

Loaded + driven around Auckland*

Fast charge

48min

Charging time: with 102Kw charging power, SOC from 20% to 80%*

*Figures are indicative, range can be impacted by many external factors including application, loaded weight and driving conditions. We want to ensure that your JAC truck meets your needs - our friendly team are here to chat all things EV.

Kinetic Energy Recovery: To maximize the driving range of JAC Electric Trucks, the Truck uses Regenerative Braking to recover energy that would have been lost through braking and deceleration, and using this to charge the EV Battery. There are three modes of driving:

Cruising

Traveling at a constant speed on flat roads provide a limited opportunity for energy regeneration. In this case energy is generated from deceleration to enhance range. The driver will typically notice a stronger deceleration than in a comparable diesel truck when slowing down.

Braking

Strong energy regeneration is created from braking, which signals the kinetic energy recovery motor to act as a brake alongside the conventional brakes. In this scenario braking feels normal, but range is extended.

ECO Mode

By switching to ECO mode the energy regeneration efficiency and brake force assist are the strongest. This is particularly useful when traversing down longer hills as it can also assist in reducing the likelihood of brake fade through overheating.

SAFETY



ADAS

Advanced Driver Assistance Systems

We all know that Kiwi roads can be complex and constantly changing, which means everyone can do with a bit of help to stay safe behind the wheel. With JAC's ADAS, you have a complete network of active and passive safety features working together to protect you and other vehicles on the road. With modern sensors and multiple cameras, ADAS is the smarter way to safer roads.

AEB

Advanced Emergency Braking

When the ADAS system detects a risk of a front collision, it can alert the driver with a warning. If the driver fails to take effective measures to avoid the collision, this function can assist by automatically applying emergency braking to avoid or mitigate the collision.



Dual Airbags

The dual airbag system is designed to improve occupant safety in the event of a collision.



High voltage interlock

While the vehicle is operating under high voltage, this system will detect potential loose high-voltage connections and alert the driver. Although unlikely to happen, this function also ensures safety of technicians.

Cabin tilt reminder

A helpful indicator will alert your driver in the event that the cabin tilt is not locked, assisting in the prevention of damage due to driving with an unlocked cabin.

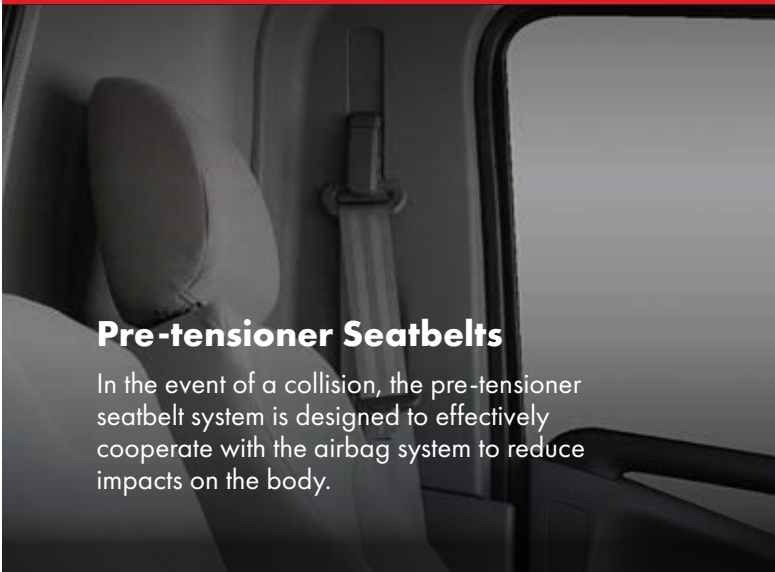


Reverse Sensors & Camera

Maneuvering made easy with factory standard reverse sensors and camera

Pre-tensioner Seatbelts

In the event of a collision, the pre-tensioner seatbelt system is designed to effectively cooperate with the airbag system to reduce impacts on the body.



Auto door unlock in a crash

In the event of a crash, this function will automatically unlock the doors. This can be crucial to allow emergency services to reach occupants.



HSA

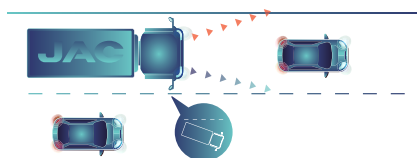
Hill-start Assist

When taking off on a slope, HSA can assist the driver by holding the vehicle in place, using the braking system to all four wheels to prevent the vehicle from sliding.

ESC

Electronic Stability Control

ESC uses data from a number of sensors to monitor driver input and vehicle control. If it detects understeer, oversteer or roll-over, ESC can override driver input, reduce power and/or apply individual wheel braking to assist the driver to maintain vehicle control.



LDWS

Lane Departure Warning System

Through detecting the vehicles location on the road with real-time monitors, the LDWS calculates the distance between the vehicle and road marking, alerting the driving if lane departure is detected. The driver can then take actions to stay in the correct lane.

READY TO DRIVE

Intelligent, quiet and thoughtfully laid out comfortable cabins to make you feel right at home behind the wheel.

● Shhhh!
Lower cabin noise

● Automatic Lighting System

● Wide Heated Mirrors for improved visibility

● 8 inch touch screen entertainment system, with multi-function integrated controls and options.

● Air Conditioning to keep you cool in the summer and warm in the winter

● Adjustable steering wheel

● Cup Holders

● Easy to use gear selector

● Driver's seat with arm rest for driver comfort on the road

● Electric park brake

THE JAC OF YOUR TRADE

JAC Electric Trucks can be refitted into different bodies based on your needs including; refrigerated box, ambient box, flat deck, curtain sider, tipper and more.

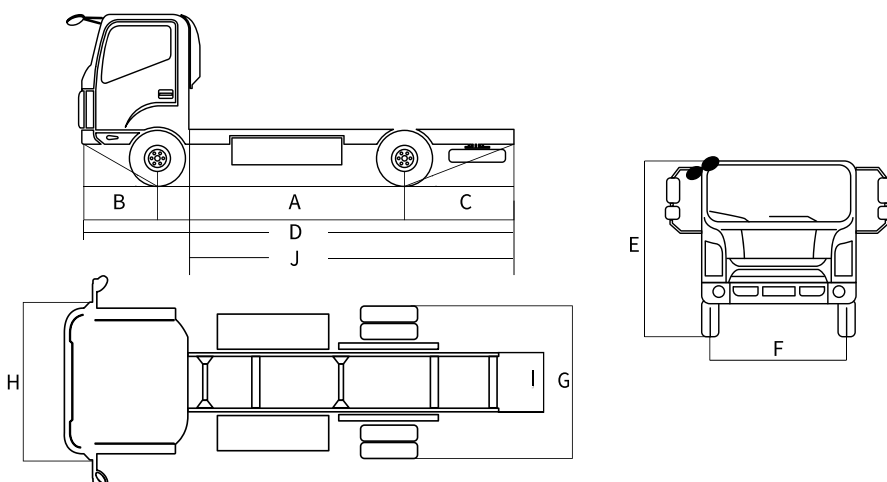
With three wheelbases available, we can work with you to build the JAC of your trade.



Multiple wheelbases

Covering 3365mm to 4475mm wheelbases, there is a JAC truck to suit your needs.

JAC EV	N60 EV		N75 EV		N90 EV	
	3365 wheelbase	3365 wheelbase	3845 wheelbase	3845 wheelbase	4475 wheelbase	4475 wheelbase
Weight						
GVW (kg)	5990	7500	7500	9000	9000	
Tare Weight (kg)	3150	3150	3200	3320	3370	
EV Battery						
Battery Type	Lithium-iron Phosphate Liquid Cooled					
Brand	CATL					
Total Capacity (kWh)	106.95					
Charging Cable Type	CCS2 aka CCS Type 2					
Drive Motor						
Rated/Peak Power (kW)	65/130		65/130			90/171
Rated/Peak Torque (Nm)	415/1200		415/1200			550/1050
Vehicle Performance						
EV Driving Range (km) <small>(at 40km/h constant speed driving condition)*</small>	≥390		≥390			≥340
Max Speed (km/h)			90			
Max Gradability (%)	20		20			30
Transmission						
Model						2E110
Ratio						2.770/1.000
Chassis Frame						
Cold riveted ladder frame QSTE650-5 steel side members Parallel side rails and rivet-less top flange	214*70*5mm - please refer to JAC Dealer for more information					
Steering						
Steering Type	Recirculating Ball Type					
Power Steering	Y					
Turning Circle (m)	12.2	12.2	13.0	13.0	16.4	
Axles Capacity						
Front I Beam (kg)	3100	3100	3100	3100	3100	
Rear (kg)	6200	6200	6200	6200	6200	
Gear Ratio	6.33	6.33	6.33	4.875	4.875	
Brake System						
Brake Type	Air Brake with ABS and ASP (Anti-Slip Regulation)					
Service Brake	Front Disc, Rear Drum					
Parking Brake	Electronic Hand Break					
Braking Energy Recovery	Y					
Safety						
ABS - Anti-lock Braking System	Y					
ESC - Electronic Stability Control	Y					
Reverse Radar + Alert	Y					
Reverse Camera	Y					
LDWS - Lane Departure Warning System	Y					
AEBS - Auto Emergency Braking System	Y					
HSA - Hill Start Assist	Y					
Auto Unlock on Collision	Y					
Auto Circuit Breaker on Collision	Y					
Dimensions						
Wheelbase (mm) A	3365	3365	3845	3845	4475	
Front Overhang (mm) B			1110			
Rear Overhang (mm) C	1520	1520	2070	2070	2295	
Length (mm) D	5995	5995	7025	7025	7880	
Cab Height (mm) E			2290			
Front Wheel Track (mm) F			1716			
Rear Axle Width (mm) G			2115			
Cab Width (mm) H			1995			
Outside Chassis Width (mm) I			850			
Cab to Rear of Chassis (mm) J	4300	4300	5200	5200	6115	
Rear Wheel Track (I)			1650			
Tyres	215/75 R17.5 Rear Double Tyre					
Warranty						
JAC EV Truck Warranty	5 Years / 200,000km (whichever occurs first)					



*Whichever occurs first, warranty t&c's apply.



www.jacnz.co.nz 0800 922 522 hello@jacnz.co.nz

*Specifications and images shown in this brochure may be subject to change or depict overseas models

JAC MOTORS
NEW ZEALAND

