JAC MOTORS

ELECTRIC LIGHT TRUCK

ECONOMICAL DRIVING

Driving range

200km+

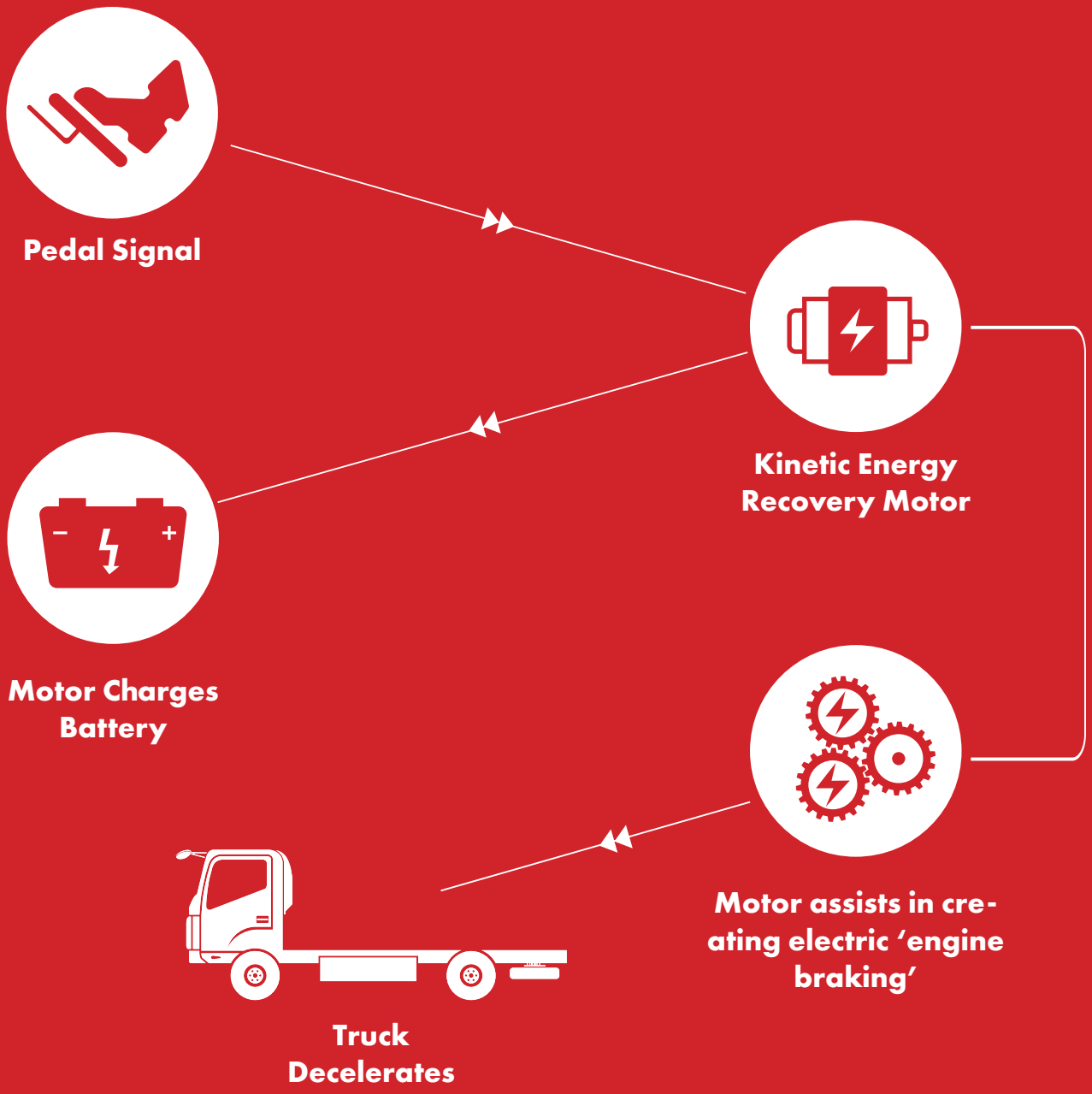
Loaded + driven around Auckland*

Fast charge

48min

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

*Figures are indicative only, the driving range can be impacted by many external factors including loading 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 thedriver 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

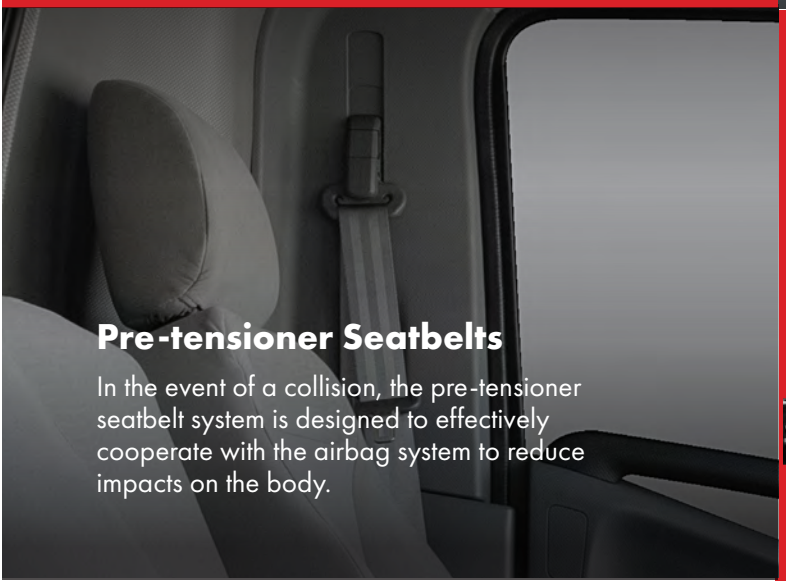
While the vehicle is operating under high voltage, this system will detect potential loose high-voltage connections and alert the driver. Although unlikely to happen, this function also ensures safety of technicians.

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

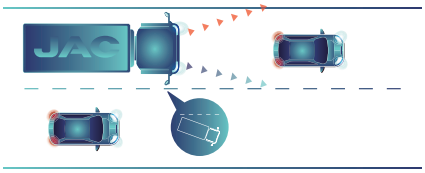
Hill-start Assist

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, over-steer 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 marketing, 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.

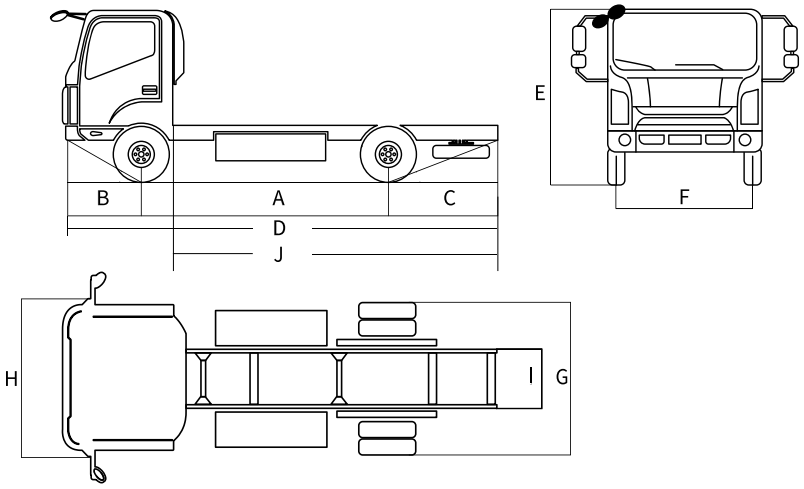
THE JAC OF YOUR TRADE

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 3365/3845/4175mm 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
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) (at 40km/h constant speed driving condition)*	≥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

JAC MOTORS NEW ZEALAND

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