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EV490-20 Prime Mover (4x2) Chassis Specifications

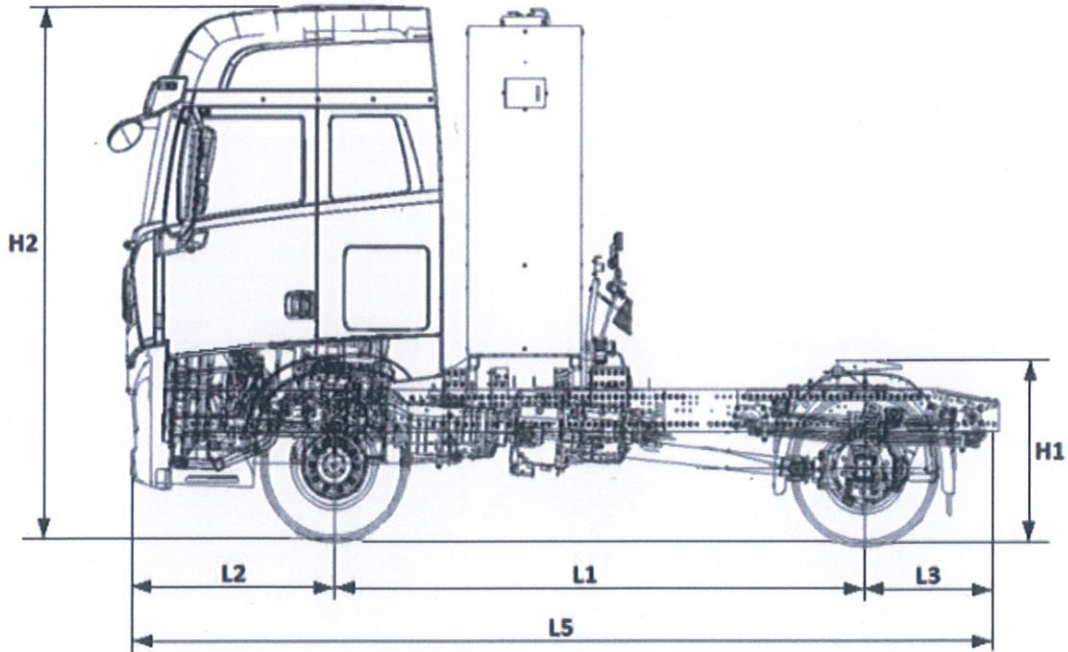


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EV490-20 Prime Mover (4x2)



Vehicle Dimensions (mm)

L1	Wheelbase	4,000
L2	Front Overhang	1,515
L3	Rear Overhang	950
L5	Overall Length	6,465
H1	Fifth Wheel Height	1,300
H2	Overall Height	3,715
W1	Overall Width	2,545

Turning Circle (mm)

Kerb to Kerb (diameter)	16,000
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Weights (kgs)

1 st axle load	6,200
2 nd axle load	3,500
Total	9,700
Gross Combination Weight	80,000

Drive Line

Electric Motor	TZ388XSLGE03
Power (Nominal/Peak)	250/360kW, 335/482hp
Torque (Nominal/Peak)	1,330/2,800Nm
Motor Controller	KTZ61X85SSLA01
Automated Manual Transmission	6-Speed
Gear Shift	Column-mounted shifter
Battery	350kWh / 579Ah

Performance

Maximum Speed	100km/h
Maximum Speed (with speed limiter)	60km/h

Axles

Front Axle Rating	7,500
Rear Axle Rating	13,000
Type	Hub Reduction

Suspension

Front	Parabolic Spring
Rear	Parabolic Spring

Brakes

Front Brake	Drum (410 x 180)
Rear Brake	Drum (410 x 220)
Air Compressor	4kW 400l/min
Parking Brake	Electronic
Ant-lock Brake System (ABS)	Yes
Electronic Stability Control	Yes

Tyres & Rims

Front	2x 295 or 315/80 R22.5
Rear	4x 295 or 315/80 R22.5
Spare Rims	B8.5 x 22.5

Track Width (mm)

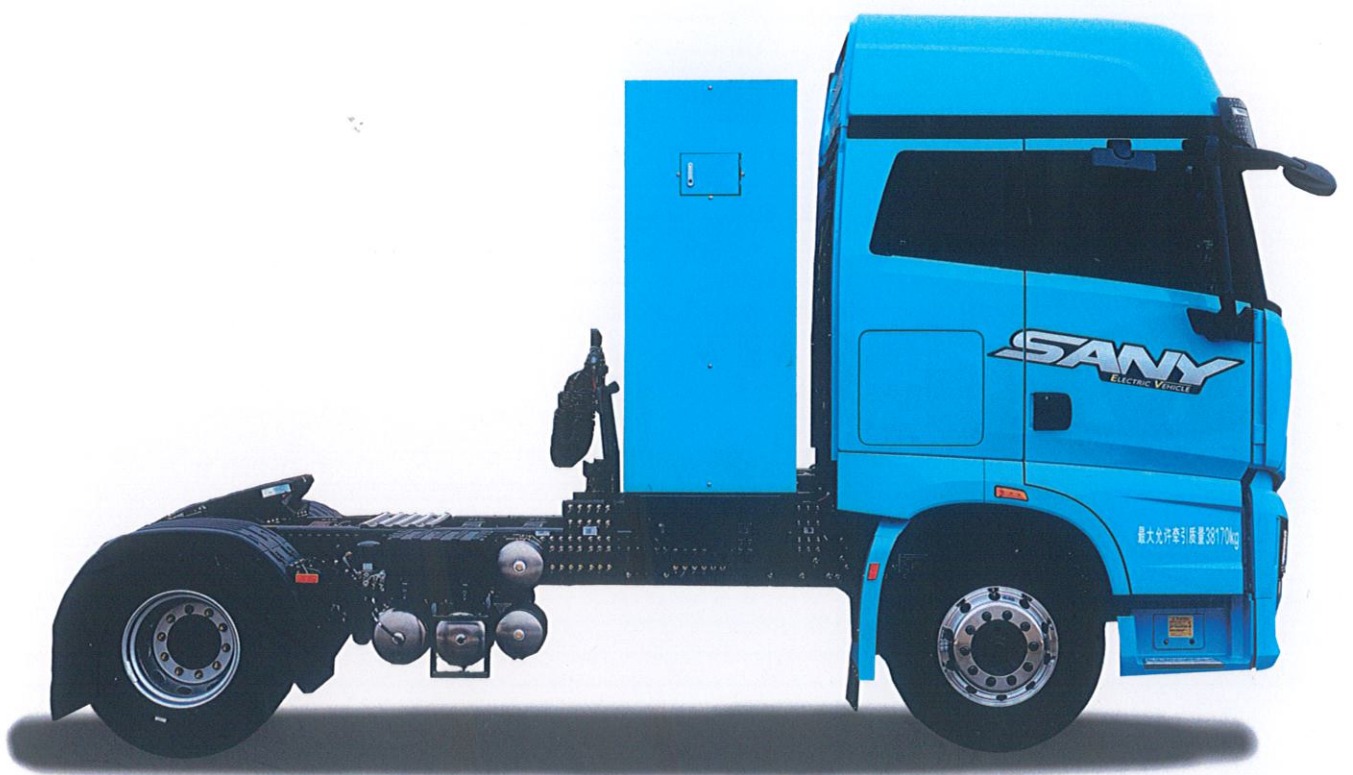
Front	2,047
Rear	1,866

Steering

Steering Column	Recirculating Ball
Steering Pump	5 kW
Steering Gear	HPS
Steering Adjustment	Pneumatic

Cabin (2325mm x 2545mm x 3950mm)

Driver's Seat - Electronics Control Seat Adjustment	Semi-curve Instrument Control Panel
Passenger Seat – Fixed Type with back-and-Forth Adjustment	Pneumatic Steering Column Adjustment
Flat Interior Floorboard	Single Bunk Bed
Storage Compartment	Clothing Hooks
Multi Speed Wiper	Battery Master Switch
Interior Storage Compartment	Multi-purpose Steering Wheel
Front and Side Sun Visor	Remote Control Key on Doors
Climatic Control Air-Conditioner	Electric Automatic Window Winder
Door Curtain	Electric Operated Horn



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