

India's 1st EV Truck

EVolutionising The Indian Trucking Industry



The **RHINO** Range of EV Trucks

Your Prosperity Partner - The Green Way

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Technology & Aggregates



Motor & Gear Box

- **PMSM** - Permanent Magnet Synchronous Motor
- Power - **280 kW** (380 HP) & Torque - **2000 Nm**
- 6-speed **AMT** (Automated Manual Transmission)



Battery Assembly

- **282 kWh LFP** (Lithium Iron Phosphate) battery
- **Replaceable**/ fix-type battery



Motor Control Unit (MCU)

- Three phase MCU is an electronic module to control vehicle speed and acceleration.
- Liquid cooled.



Power Distribution Unit (PDU)

- PDU distributes the battery power to other control units



Chassis Frame

- 2 layer heavy duty frame



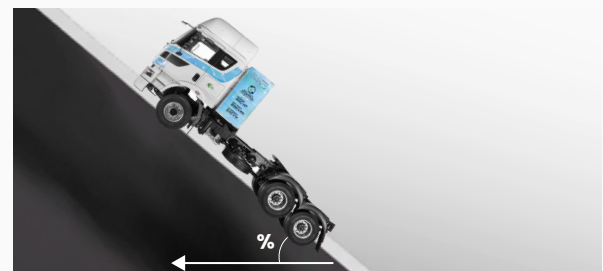
Front & Rear Axles

- Heavy Duty **Proven & Reliable** axles



Suspension

- Strong & reliable suspension
- Rhino 5538 - FR (Parabolic), RR (Semi elliptical)





Gradeability

- Rhino 5538 EV - **20%** (continuous)

* The images are only dipeictive, the technical specifications are subject to change without prior information.



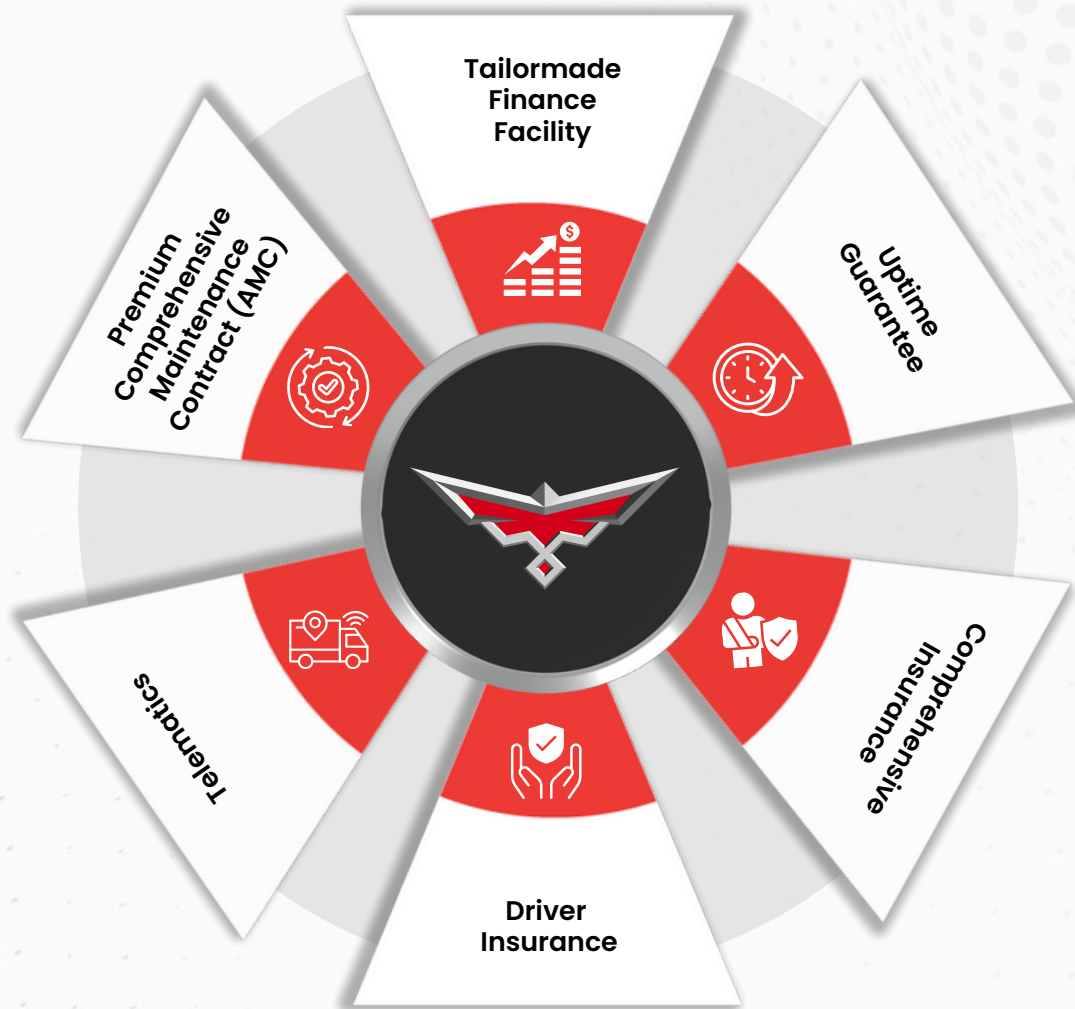
Technical Specification

Model	4X2 Tractor Trailer		6X4 Tractor Trailer	
RHINO				
Motor	PMSM - Permanent Magnet Synchronous Motor (Best in class)			
Battery	282 kWh LFP (Lithium Iron Phosphate)			
Maximum Power	280 kW (380 HP)			
Maximum Torque	2000 Nm			
Transmission	6-Speed AMT (Automated Manual Transmission)			
Brake	Full Air dual line S-cam brake with ABS			
Steering	Tilt & telescopic power steering			
Charging Time	60 mins (SOC - 20 to 100%)			
Charger Type	240 kW - CCS 2 dual gun			
GCW (Gross Combination Weight)	55000 kg		28000 kg	
Gradeability	20% (continuous)		47% (continuous)	
Wheel Base	4000 mm		4400 mm	
Turning Circle Diameter	16 m		17 m	
Tyre	295/90 R20, Low CRR		11.00 R20 - 16 PR (Radial) 11.00 x 20 - 18 PR (Mining)	
Front Axle	Forged "I" beam Reverse Elliot type			
Rear Axle	Single reduction solo drive axle, 5.38 RAR		Hub reduction tandem drive axle with inter axle lock and differential lock, 5.92 RAR	
Front Suspension	Parabolic leaf suspension with shock absorber		Parabolic leaf suspension with shock absorber & anti roll bar	
Rear Suspension	Semi elliptical suspension Two stage hybrid leaf spring		Heavy Duty inverted bogie suspension with anti roll bar	
Body Type	Trailer - Skeleton, Flat bed, Side wall, Tip trailer		16 CuM Box Body 14 CuM Rock Body	
Ground Clearance	219 mm (Laden)		228 mm (Laden)	
Cabin	D+2, Tiltable sleeper cabin, fully suspended		D+1, Tiltable day cabin, fully suspended	

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Value Added Services



Owner Benefits: Tailormade Finance Facility, Premium Comprehensive Maintenance Contract (AMC)

Transporter Benefits: Uptime Guarantee, Telematics, Comprehensive Insurance

Driver: Driver Insurance, Driving Pleasure

Contact Us

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