

propel 

470 eTR

THE FUTURE OF ELECTRIC BULK
CARGO TRANSPORT



Propel. Always Ahead.



BUILT FOR COMFORT AND EFFICIENT HAULING

470eTR offers the comfortable and safe working space for drivers at all time and terrain.

Advanced Infotainment
with touch screen HMI for
real time updates on
vehicle conditions



Fast charging lithium ion
batteries improves
vehicle uptime



Regenerative braking -
increases range and
brake efficiency.



High power Motor
coupled with
clutch-less EMT
delivers best-in class
operating efficiency



EBS, Stability and
traction Control
Brake Systems



Electronic Braking System brings
in top notch safety through features
like ESP, TCS and Hill-hold

TECHNICAL SPECIFICATION

Configuration	4x2
Category	CV (on-road)
Gross Combination weight	Upto 55000kg (with suitable trailer)
Vehicle Dimensions (mm)	
Wheel Base	3850
Overall dimensions	6225 x 2600 x 3115
Turning circle diameter (m)	14m (tractor head)
Minimum ground clearance	290(HR) 220 (SR)
Front wheel track	2015
Rear wheel track	1860
Motor	
Motor type	Heavy duty PMSM
Max. power	350kW
Max. Torque	1600 Nm
Transmission	
Gearbox Type	7 Speed Direct Drive Clutch-less EMT
Front Axles	
Front Axle Type	7T Shallow drop front axle I beam - Reverse Eliot
Rear Axles	
Rear axle ratio	5.26 (HR) 4.62 (SR)
Differential lock	Inter wheel lock
Chassis	
Chassis frame	Ladder type frame with full length flitch
Chassis dimension	300 x 80 x 8mm + 6mm flitch
Suspension	
Front	4 leaf Parabolic suspension with double acting shock absorbers and Anti-roll bar
Rear	Hybrid Rear Spring (Parabolic - Helper & Semi-Elliptical - Main Spring)
Steering	
Steering Type	Hydraulic Assisted Power Steering
Steering Wheel	Tilt & Telescopic, Steering Mounted Control switches
Brakes	
Brake System type	Dual line air brake system with ABS
System pressure	10 bar
Safety feature	Hill Holder, Electronic Brake System (EBS), Electro-Pneumatic Hand brake, Fail safe parking brake, Traction Control System (TCS).
Electricals	
LV Electrical system	150Ah; 12V x 2

Battery	
Battery Chemistry	Lithium ion
Battery capacity	385 kWh
Charger type	CCS2
Cabin	
Cabin Type	Fully suspended, Tilttable Sleeper Cabin
Driver Seat	Air suspended, 16 way adjustable seat with lumbar support
Ventilation	HVAC
Advanced Safety and Driver Assistance features	Advanced Touch screen infotainment & diagnostics system, Central door locking system, Power windows +Optional : TPMS

Fifth wheel coupling	
Kingpin dia	2" (3.5" optional)

Wheels And Tyres	
Tyre size	295/80R22.5 Michelin Tubeless

Performance Data	
Max speed	80 kmph
Gradeability	24% (HR) 21% (SR)
Charging time (0-100%)	70 min

Warranty	
Vehicle	2 years / 2,00,000 Km, Whichever comes first
Power train	4 years / 4,00,000 km, Whichever comes first
Battery	6 years / 10,00,000 km / 5000 cycles, Whichever comes first

Application				
				
Tip-trailer	Bulker	Containers	Coal	Aggregates
				
Steel	Parcel	Cement	FMCG	E-commerce

Note: The specifications and images shown are for reference only and are subject to change.



OUR GLOBAL PRESENCE

29+ COUNTRIES



2900+

Plants &
Installations

2500+

Happy
Customers

135 +

Product
Range

29+

Countries
World Wide

CE

Certified In
Crushing Industry

DSIR

Approved
R&D Centre

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