

MONTRA ELECTRIC E45 2WD

BUILT FOR POWER. DESIGNED FOR EVERYDAY UTILITY



70 kWh
BATTERY PACK



80 to 100 KM
VARYING LOAD CONDITIONS



50°C+
LIQUID COOLED PERFORMANCE



2.5 HRS
FAST CHARGING



100% ELECTRIC. 100% FUTURE READY.



MONTRA
— ELECTRIC —

125
Years Trust



of
murugappa



ABOUT US

Montra Electric is driving India's transition to sustainable mobility with purpose-built electric commercial vehicles. Backed by advanced engineering and rigorous field testing, Montra Electric combines performance, durability, and environmental responsibility. The EV vehicles have lower running costs compared to diesel vehicles.

KEY PRODUCT HIGHLIGHTS



Less Vibration



Low Operating Cost



Low Maintenance



Zero Emission



High Torque Performance

APPLICATIONS

One Tractor. Multiple Utilities

INDUSTRIAL / CAMPUS UTILITY

BENEFIT:

Practical electric mobility for large premises.

USE CASE:

Ideal for internal transport in factories and campuses.



CONSTRUCTION MATERIAL MOVEMENT

BENEFIT:

Strong pulling power for site movement.

USE CASE:

Useful for sand, bricks, cement bags and materials.



WATER TANKER APPLICATION

BENEFIT:

Efficient water movement with zero tailpipe emissions.

USE CASE:

Suitable for irrigation, sprinkling and water supply.



GARBAGE COLLECTION / MUNICIPAL USE

BENEFIT:

Clean, quiet mobility for waste collection.

USE CASE:

Supports trailers for city and campus cleaning.



PARAMETER	E-45
Motor Power	24.5 kW Contionous
Motor Type	PMSM(Permanent Magnet Synchronous Motor)
Battery Capacity	70kWh
Battery Type	LFP Prismatic Cells
Nominal Voltage	307V
Charging Voltage	3 phase 380 to 450VAC
Charging System	30 kW DC 3 phase charger-CCS2 - Off Board
Charging Time	Fast Charging only - 2 hrs 30 min 0 to 100% SOC with 30 kWh charger
Transmission	8F + 2R, Constant Mesh Side Shift Lever
PTO Power	25.3kW and continous 21.5kW
PTO Speed	540
Hydraulic Lifting Capacity	1200 Kg
Brakes	Oil-immersed brakes
Steering	Power Steering
Clutch Type	Double Clutch

PARAMETER	E-45
Wheelbase	2050 mm
Front Tyre Size	7.5X16 - 8 PR
Rear Tyre Size	13.6 x 28 - 12 PR
Drive	2WD
Speed Range	2.6-29 km/hr
Cooling System	Active cooling of Motor and Battery Improves Performance & Efficiency
Telematics / IoT Integration	Enables telematics support for real-time monitoring, remote diagnostics, and smart vehicle management.
Enhanced Safety System	HVIL (High Voltage Interlock Loop) is a safety system used in battery energy storage systems, It monitors whether high-voltage connectors, covers, and components are properly connected and closed. If the loop is interrupted the system automatically disconnects equipment damage. VCU (Vehicle Control Unit) manages and controls the entire vehicle, including HV and LV systems
Bonnet & Dashboard	Stylish bonnet design enhances overall appearance

Contact

TI Clean Mobility Pvt. Ltd.

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