

# India Agricultural Electric Tractor (EV) Market (2019-2025)-Pheonix Research

By Tractor Type, By Battery Type, By Drivetrain Technology, By Application, By Powertrain, By Regions, and By States



# Pheonix Research

**New Delhi, Mar 2, 2020 ([Issuewire.com](https://www.issuewire.com)) - India Agricultural Electric Tractor (EV) Market (2019-2025): By Tractor Type (Light, Medium-duty & Heavy-duty), By Battery Type (Lithium-ion and Lead Acid), By Drivetrain Technology (Battery Electric Vehicle (BEV), Hybrid Electric Vehicle (HEV), and Plug-in Hybrid Electric Vehicle (PHEV)), By Application (Agriculture, Construction, Mining & Logistics), By Powertrain (Series Hybrid, Parallel Hybrid, Combined Hybrid), By Regions (Southern, Northern, Eastern, Western, And Central India), By States (Andhra Pradesh, Gujarat, Madhya Pradesh, Maharashtra, Karnataka, Rajasthan, Tamil Nadu, Uttar Pradesh, West Bengal, Telangana, Andhra Pradesh, and Others)**

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The electric agricultural tractor is a vehicle that uses an electric motor to obtain power over the traditional internal combustion diesel engine. An electric tractor works on powerful batteries to gain power and equipped with necessary mechanical and electrical functionalities. The government in India is encouraging the implementation of efficient hybrid electric vehicles to reduce air and noise pollution. Electrical tractors are very economical and have very low maintenance costs. The fusion of electric drives in agricultural tractors and other equipment provides benefits to farmers such as advance functionalities, minimal cost, energy efficiency, etc.

[India Electric Tractors Market](#) is projected xx USD million in 2019 and is anticipated to reach the value of xx USD million by 2025 growing at a CAGR of xx% during 2019-2025. India's agriculture sector holds

18% of India's overall domestic product (GDP) and contributes employment to 50% of the population of the nation. Nowadays, Tractor manufacturers are giving big efforts in electric drive technology improvement, also the government in India trying to promote electric vehicles by giving subsidies. Existing fuel-driven tractors in the present market with ease of availability is expected to decelerate the development of the electric tractors market in the forecast period. Moreover, electric tractors have various disadvantages as well like slow work speed, battery technology limitations and insufficient energy storage capacity, lack of awareness, etc impact the electric tractor sales in the future.

The electric agricultural (farming) tractor market is segmented by tractor type, drivetrain technology, application, powertrain, region, and states. The low & medium duty tractors captured the largest market share as electric powertrains are majorly used for low power functions tractors.

**By Drivetrain Type**, the electric tractor market is divided into Battery Electric Vehicle (BEV), Hybrid Electric Vehicle (HEV), and Plug-in Hybrid Electric Vehicle (PHEV) tractors. Hybrid tractors dominate the market. Where Plug-in Hybrid Electric grips the market in the coming years.

**By region**, the [India electric agricultural tractor market](#) is widely grouped into Southern, Northern, Eastern, Western And Central India. Electric tractors are in the developing phase. Currently, India,s farmers are only dependent on conventional fuel-based tractors but tractor manufacturing companies are now offering demonstration to farmers and also showcasing the new electric tractors in Auto Expo in Delhi in January 2020.

## Request for

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## Key Highlights of the report:

- A comprehensive study includes an estimation of the market origin.
- Historical, present, and forecast magnitude of the market from the viewpoint of including both volume and value.
- Significant transformation in the electric vehicle market kinetics
- Latest industry key improvement evaluation
- Key players strategies and their market shares
- Regional market status and other niche verticals
- Valuable suggestion to companies in establishing their strength in the market

## Market Segmentation

### By Tractor Type

- Light
- Medium-duty
- Heavy-duty

### By Battery Type

- Lithium-ion
- Lead Acid)

### By Drivetrain Technology

- Battery Electric Vehicle (BEV)
- Hybrid Electric Vehicle (HEV)
- Plug-in Hybrid Electric Vehicle (PHEV)

**By Application**

- Agriculture
- Construction
- Mining
- Logistics

**By Powertrain**

- Series Hybrid
- Parallel Hybrid
- Combined Hybrid

**By Regions**

- Southern
- Northern
- Eastern
- Western
- Central India

**By States**

- Andhra Pradesh
- Gujarat
- Madhya Pradesh
- Maharashtra
- Karnataka
- Rajasthan
- Tamil Nadu
- Uttar Pradesh
- West Bengal
- Telangana
- Andhra Pradesh
- Others

**Read More:** <https://www.pheonixresearch.com/report/india-electric-tractor-market-ev.html>

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