

Kashipur Introduces Uttarakhand's First Advanced Self-Propelled Electric Road Sweeping Machine

Nagar Nigam Kashipur Inaugurates Convocus CE-1600ADRS with Advanced Multi-Function Cleaning Technology

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Nagar Nigam Kashipur has taken an important step towards cleaner, greener and more sustainable urban sanitation with the inauguration of a self-propelled electric road sweeping machine, Model CE-1600ADRS, supplied by Convocus Enterprises.

The machine was formally inaugurated in the presence of **Shri Deepak Bali, Mayor, Nagar Nigam Kashipur**, and **Shri Ravindra Singh, Nagar Ayukt (Commissioner), Kashipur**, marking a significant milestone in the adoption of modern electric cleaning technology for municipal road maintenance.

Advanced Electric Cleaning Technology

The **CE-1600ADRS** is a self-propelled, battery-operated electric road sweeping machine designed for efficient and environmentally friendly urban cleaning operations. With a **1.6 cubic metre hopper capacity** and an impressive **2,300 mm sweeping width**, the machine is designed to cover a substantial road area while collecting dust, debris and other road waste.

One of the key features of the CE-1600ADRS is its **four-in-one functionality**, allowing a single machine to perform multiple municipal cleaning activities:

- **Sweeping** – Mechanical sweeping and collection of dust and road debris.
- **Jetting** – Water jetting for cleaning and washing road surfaces.
- **Fogging** – Fine water misting for dust suppression and improved air quality.
- **Litter Picking** – Collection of scattered litter and waste from public areas.



Designed for All-Weather Operation

The CE-1600ADRS is designed to **operate even during rainy conditions**, enabling municipal cleaning operations to continue in changing weather conditions. This all-weather capability provides greater operational flexibility for municipal authorities and helps maintain cleanliness throughout the year.

Being a **battery-operated electric vehicle**, the machine produces **zero tailpipe emissions**, making it particularly suitable for urban areas where reduction of air pollution and noise is an important priority.

A Major Milestone for Uttarakhand

The introduction of the CE-1600ADRS in Kashipur is a notable development for municipal sanitation in Uttarakhand. **The machine is being introduced as the only machine of its type currently deployed in Uttarakhand**, bringing advanced electric road-cleaning technology to the state.



(Left to Right) Mr. Deepak Bali - Hon'ble Mayor Kashipur, Mr. Ravindra Bisht - Hon'ble Municipal Commissioner and our team during the key handover ceremony.

“The inauguration of this advanced electric road sweeping machine is an important step towards making Kashipur cleaner, greener and more sustainable. Its multi-function capability for sweeping, jetting, fogging and litter picking will strengthen our municipal cleaning operations and help us adopt modern, environmentally friendly technology.”

— Shri Deepak Bali, Mayor, Nagar Nigam Kashipur

“The CE-1600ADRS brings modern electric technology into our daily sanitation operations. With its 1.6 Cum hopper, 2,300 mm sweeping width and ability to perform multiple cleaning functions, the machine will help improve operational efficiency and road cleanliness. Its ability to operate in rainy conditions is an added advantage for year-round municipal operations.”

— Shri Ravindra Singh, Nagar Ayukt (Commissioner), Kashipur

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