

Electric EV

Spreader

The Electric EV V-box spreader is ideal for municipalities or contractors seeking a large V-box spreader (20,000+ lbs. GVW) to mount in their dump body or on a flatbed. This spreader is used to spread salt, rock salt, sand, or other fine materials over large areas such as roads and parking lots. The Electric EV combines all the benefits of an electric drive system while maintaining the volume typically associated with hydraulic drive systems.

Highlights

- **Dual electric motor power**: The system is powered by two independent electric motors
- **Electric chain-fed operation**: Features an electrically driven chain-fed salt spreader
- **Adjustable feed control**: Includes an adjustable feed gate to regulate material flow
- **Variable casting range**: Capable of casting material from 4 feet to 40 feet

Your benefits

- Sloped sides and standard inverted V design: Reduces drag chain weight for **optimal performance**
- **Cost-effectiveness**: Electric motors are typically less expensive than hydraulic counterparts, eliminating the need for a complete and costly hydraulic system
- **High positioning accuracy**: Offers **programmable speeds** and precise stopping positions.
- **Smooth and quiet operation**: Electric motors run more smoothly and quietly
- **Reduced maintenance**: Electric motors require less upkeep compared to other systems
- **Eco-friendly**: Provides a green, clean-air solution

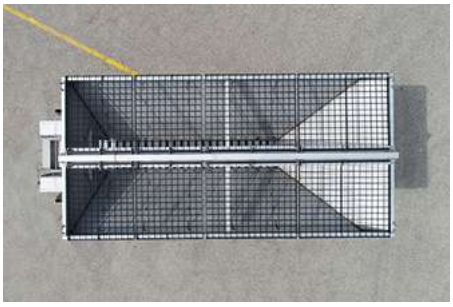
Performance features

Concept

The maintenance-free stainless-steel hopper features 45° sloped sides for efficient material flow and an electrically driven chain-fed salt spreader. It also includes a standard inverted V design to reduce weight on the drag chain, ensuring optimal performance. Additionally, the setup includes an adjustable-height spinner extension and a standard swing-up spinner assembly for versatile operation.







Controller

The standard VBEL option in the spreader features a conventional controller similar to other models in the market. In contrast, the eForce version is equipped with an advanced controller, offering enhanced controllability for the spreader's output. This upgraded controller allows for more precise management and adjustment of the spreader's performance, making it ideal for users seeking greater customization and control.

Motor

The standard model VBEL features a ½ HP electric direct-drive motor for the spreader and a ½ HP electric spinner motor, offering solid performance for less demanding applications. The eForce model also stands out with its increased power compared to the standard version. The eForce variant is powered by two independent ¾ HP DC motors, providing superior strength and efficiency.

Options

- Pre-wetting system
- Tie down kit
- Vibrator kit
- Cab shield
- Leg stands
- Observation platform
- Sloped front
- Belt over chain
- Grease extension to rear
- Rubber side shields

Variants

VBEL



Designed for trucks 20,000+ lbs. GVW. The VBEL offers a direct-drive spreader motor and 1/2 hp electric spinner motor.

VBEL

eForce



Designed for trucks 26,000+ lbs. GVW. The eForce incorporates all the benefits of an electric drive system while maintaining the volume typically associated with hydraulic drive systems.

eForce

Related products

EV Select

Spreader



EV Dual Auger

Spreader



EVA Auger

Spreader



Technical data

	VBEL	eForce
Hopper		
Hopper capacity	5.1 - 6.2 m^3	4.7 - 7.3 m^3
Pre-wet equipment		
Tank capacity	340.69 - 3,217.6 l*	340.69 - 3,217.6 l*
Conveyor system		
Conveyor system	Belt over chain / Drag chain	Belt over chain / Drag chain
Distribution system		
Distribution systems	Spreading disc: Spreading width: 122 - 1,219 cm	Spreading disc: Spreading width: 122 - 1,219 cm
Mounting/demount system		
Mounting/demount system	Demount legs / Fixed-mounted / Chassis mount	Demount legs / Fixed-mounted / Chassis mount
Drive system		
Type of drive	DC electric motor	DC electric motor
Control system		
Control system	–	Close loop
Dimensions		
Hopper length	2,438.4 - 4,876.8 mm*	2,438.4 - 4,876.8 mm*
Mounting length	2,082.8 - 2,133.6 mm*	2,082.8 - 2,133.6 mm*
Hopper height	1,219.2 - 1,574.8 mm*	1,219.2 - 1,574.8 mm*
Weights		
Empty weight approx.	2,268 kg	2,268 kg

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