

# Vortex™

Granular Systems, LLC

**Phone: 877-8VORTEX or 954-650-7590 Web: [www.vortexspreader.com](http://www.vortexspreader.com)**

## **Vortex TRE<sup>®</sup> Spreader** **Vortex TRE-D<sup>®</sup> Dual Hopper Spreader**

The Vortex TRE™ series is a proven granular application system in the nursery, landscape, pest control and maintenance industry. The electronic valve actuation makes the Vortex TRE™ series perfect for repeat application of product i.e.- nursery in ground material, container material and large number of plants in an expanded area. The valve is actuated via a foot pedal and actuation can either be timed or manual using a 12 volt power source. The machine is designed to cycle from hundreds to thousands of times per day. A vibration kit is standard and cycles with the valve as it opens and shuts off when the valve closes. The unit is configured to perform with the most difficult to apply materials. The Vortex TRE™ series is lightweight for use in utility vehicles and pickup trucks, has a large capacity hopper to eliminate going back for additional product, reducing down time. All Vortex™ spreaders can be used year round for fertilizer, pre-emergent herbicides, insecticides, granular growth regulators, ice melt products and other granular materials. The Vortex TRE™ series spreader will eliminate most hand application of granular products and deliver material evenly and efficiently into ornamental plant beds, containers, nursery material, waterways and apply ice melt onto sidewalks, driveways and staircases.

### Specifications for the Vortex TRE™ and TRE-D™ Dual Hopper:

- All Stainless Steel frame
- 10 foot delivery hose
- Up to 250 LB capacity polyethylene inductor hopper
- Fully enclosed material storage to prevent material from becoming wet
- Fully adjustable valve for varied rate of material delivery (stainless steel) installed direct in hopper pick up position.
- Vortex TRE™ series utilizes a 12 volt timed single shot timer rated at 1 sec - 1021 sec.
- System opens and closes electronically from remote position.
- Independent controller system with dual protected circuits, timer and actuator.
- Patented delivery system- U.S. Patent #6,883,736 #7,080,961 #7,137,579 #7,337,992
- Lightweight System- approx. 95lbs
- Easy clean-up with liquid soap and water
- Will apply mini prill, standard prill and large pellets
- One person operation
- Vortex TRE™ series can be used in nurseries for in ground or container material
- Vibration kit included to insure even flow of material in humid conditions, cycles automatically as valve opens and closes
- Up to 15 lbs. per minute granular application rate. Rate varies per material
- Extension tubes included for longer delivery pattern
- Use Vortex TRE™ series in a utility vehicle, pickup truck

