

SNOW DIVISION



Snow Division



Direct Application Systems

Direct Application Systems (DAS) are designed to spray anti-icing liquids directly onto road surfaces and are available in a wide range of sizes and styles, to fit any fleet or budget.

They can be mounted to ATV's, tractors, pick-up trucks, roll off trucks, and dump trucks. The DAS can also be used for dust control on unpaved surfaces.



Pre-Wet Application Systems

Truck-Mounted Pre-Wet Application Systems (PAS) are proven solutions to easily and accurately dispense liquids at the spinner during application.

Built on the heaviest duty frames in the industry, PASs provide extended durability and reliability, allowing users to provide a consistent and superior service. They are ideal for DOT's, municipalities, townships, and landscapers. With a variety of sizes and mounting options, they can be customized to fit virtually any truck.

Overhead Spray Systems (OSS) are multifunction liquid deicer dispensing systems designed for pre-wet truck loads of solid de-icing materials.

OSSs allow users to pre-wet multiple truckloads with only one dispensing system. They are also capable of loading and unloading truck-mounted pre-wet tanks, returning the de-icing liquids to bulk storage tanks, and draining tanks for end-of-season maintenance.



Brine Production Systems

Brine Production Systems are designed to convert dry rock salt into liquid for pre-wetting or anti-icing roadways. The use of salt brine lowers the freezing point of snow and ice and has become a popular and cost-effective solution for managing roadways. GVM's brine systems lower operation costs by using readily available materials; granular salt and tap water.

Automatic **EZ Brine Systems (EBS)** are quick, easy, and accurate solution for manufacturing salt brine and custom chemical blends. Flexible enough to meet the needs of any organization, the EBS can be used as a batch system to produce blends on an as-needed basis or as a continuous manufacturing system to ensure your blend is always available. In addition to salt brine, the EBS can blend up to three different micro-ingredients allowing users to produce custom blends to work at various temperatures. Additives and micro-ingredients allow blends to work at lower temperatures and often for longer periods of time.

The programmable controller computer is simple to operate and helps to guide the user through the process. The system constantly monitors salinity and pump performance in addition to logging brine production data. Built in WiFi allows for easy remote monitoring and the built-in printer is an added convenience to quickly print logged data.



Brine Production System (BPS) lowers operation costs by using readily available materials; granular salt and tap water. They are capable of producing up to 5,000 gallons of brine per hour, depending on the water source.

The Brine Production System allows users to pump manufactured brine from the brine maker to a storage tank as well as use the storage tank as a fill station to fill truck mounted tanks without adjusting or moving hoses. The system also allows users to load and unload truck mounted pre-wet tanks and large anti-icing tanks.



Fluid Transfer Systems

Fluid Transfer Systems (FTS) are designed to transfer chlorides and other liquid pre-wet solutions between storage tanks and truck mounted tanks. They dispense all common solutions used to pre-wet de-icing materials into truck-mounted tanks, as well as unload the unused liquids from tanks and return them to a storage tank.

All stations are user friendly and built with a sturdy construction to help endure the harsh environment of winter road de-icing operations. To accommodate needs from small operators to large state highway and transportation departments, they are available in two models: FTS-1000 and FTS-1500, with pump systems that output 180 or 195 gallons per minute.



Portable Transfer Systems (PTS) are built to meet your specific requirements for filling pre-wet or anti-icing systems. They can be used to recirculate liquids in storage tanks and to fill storage, bulk application or small pre-wet tanks. During winter weather maintenance operations, efficient and dependable equipment is required to meet the service demands of the modern traveling public. GVM understands that time and dependability are priceless, minutes lost in initial response time, allowing precipitation to bond with pavement can cost thousands of extra dollars.

GVM's Portable Transfer Systems feature a molded polyethylene enclosure with a lockable lid, electric motor driven pump and hosing. Portable Transfer Systems can also be built with an optional gas driven engine with a two inch suction and discharge. The system's polyethylene enclosure is large enough to store hosing inside the enclosure when the pump station is not in use.



Options & Accessories

Controllers

The **TeeJet 845** was designed with simplicity in mind. The updated color display is easily visible in all light conditions and makes operation easier than ever. Key application data is always visible—including speed, application rate, volume sprayed, system pressure, and area covered.

The 845 can be operated in flow or pressure-based regulation modes and offers 5 boom section control switches plus a master switch.

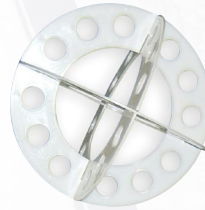


- Updated LCD display is backlit and easier to read than previous models
- A single cable connection allows for easy installation and removal
- Simple step-by-step programming is logical and easy to maneuver
- Durable weather-resistant aluminum enclosure is durable and offers easy mounting options
- Built-in planning tool makes spray tip selection easy

Baffle Balls for Liquid Surge Protection

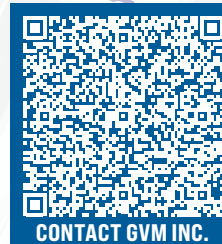
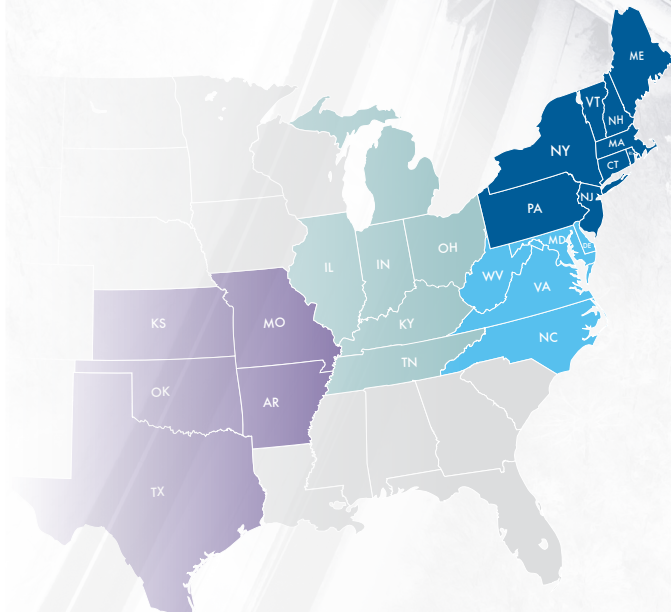
Save money by reducing fuel and maintenance costs.

- Reduce fluid movement for improved load stability during transit
- Rust-Resistant, lightweight, & durable
- Suitable for use with: steel, poly, fiberglass, aluminum tanks, etc.
- Can be used with water, diesel, & many other liquids
- Simple to install, just clip together & place inside tank
- Low liquid displacement: 14 oz & weighs only 0.8 lb
- (1) 16 in. baffle ball per 10 gal. of total tank capacity



Tanks and Tank Accessories

- **Norwesco** tanks
 - White or blue vertical storage tanks most frequently used for our BPS & OSS Systems.
 - Horizontal leg tanks feature molded-in legs that act as baffles to help to reduce sloshing & are used primarily for DAS systems
 - Drainable leg tanks are designed primarily for use on chemical nurse trailers
- Polypropylene bulkhead fittings/EPDM or Viton gaskets
- Steel supports & accessories for leg tanks
- High-density polyethylene lids & tank repair kits



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