

FLUID TRANSFER SYSTEM

FTS SERIES



GVM's **Fluid Transfer Systems** (FTS) are designed to transfer chlorides and other liquid pre-wet solutions between storage tanks and truck mounted tanks. The systems dispense pre-wet solutions used to pre-wet de-icing materials, into truck mounted tanks, as well as unload the unused liquids from truck mounted 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, Fluid Transfer Systems are available in two models: FTS-1000 and FTS-1500, with pump systems that output 180 or 195 gallons per minute.

- Work light allows for safe & efficient operation 24 hours a day
- Dispenses all common pre-wet/de-icing liquids
- Constructed of materials and components proven to be durable in the harsh environment of winter road de-icing
- Full line of polyethylene storage tanks ranging from 300 to 20,000 gallons in size
- Includes a multiple setting timer to allow for short cycle shut-off, long cycle recirculation, and automatic shut-off



374 Heidlersburg Road, Biglerville, Pa 17307
800-458-5123 | gvminc.com



FLUID TRANSFER SYSTEM

	FTS-1000	FTS-1500
Overall height	108 in.	
Base/main body construction	Fabricated steel 3 x 3 ft base. Main body is fabricated with 3 in. square tube steel with hose racks attached. All fabricated steel components are hot dipped galvanized, meeting ASTM A-123, for corrosion protection and long life.	
Pump/motor assembly	Polypropylene centrifugal pump with 2 in. suction and 2 in. discharge. Close coupled to 3 hp, 230V single phase, TEFC electric motor. 180 GPM max flow rate.	Polypropylene centrifugal pump with 2 in. intake and 2 in. discharge. Close coupled to 5 hp, 220V single phase, TEFC electric motor. 195 GPM max flow rate.
Pump/motor housing	SS, weathertight, vented for air circulation. Dimensions: 14 x 28 x 14 in. (L x W x H)	
Electrical system	Weathertight NEMA 4X fiberglass enclosure with main disconnect, magnetic motor starter, On button with indicator light, Stop button and green Run light. All exterior connections are non-metallic flexible conduit with liquid-tight connectors. Modular timer with multiple settings.	
Work light	4500 Lumen LED light	
Plumbing components	3-way poly ball valves are used for directional flow control on suction and discharge of pump. All fittings are polypropylene and SS.	
Fill hose	25 ft of 2 in. chemical resistant rubber hose with poly valve and poly camlock quick coupler.	
Unload hose	25 ft of 2 in. chemical resistant rubber hose with poly valve and poly camlock quick coupler.	
Warranty	1 year, Bumper-to-Bumper	



Vertical Storage Tanks

White or Blue Vertical Storage Tanks are most frequently used for our Fluid Transfer Systems. Norwesco vertical tanks feature tie-down slots, built-in graduated gallon indicators, an offset fill-opening and a self-vented, slosh-proof lid.

Note: Storage tanks are constructed of molded UV resistant polyethylene, suitable for water and most chemicals. Multiple variety of sizes, shapes and styles are available.

