

FELS/FHLS SYSTEM SPECIFICATIONS

DESCRIPTION

The FELS or FHLS driven liquid application system is designed to spray liquid calcium chloride at variable application rates, to pre-wet granular materials being spread for ice and snow control.

TANK (FELS / FHLS)

- (1) One or (2) Two 85 or 100 gallon polyethylene reservoirs with brackets for hopper mounting
- Stainless steel tank support pan(s) and clamp bands, and carbon mounting brackets for superior tank support
- Screen Type in-line strainer
- 1/2" NPT in-line check valve
- Designed to fit hopper profiles
- Factory tank mounting on hoppers when ordered on new units

NOZZLES (FELS / FHLS)

- A dual, (2 nozzle) spray bar directs chemical spray onto material
- Spray nozzles are equipped with brass tee jets and nozzle caps
- Mounting hardware is included
- Complete operating/instruction and parts manual is provided

CONTROLS FOR ELECTRIC SYSTEM (FELS)



- Cab controlled electric on/off switch
- Red panel LED indicator when system is running
- Red LED indicator signals system pressure loss (Low tank levels)
- Application rate is controlled by backlight pump output control knob
- Console buzzer sounds during empty or low tank level conditions
- A "True" one-piece control wiring harness

PUMP (FELS)

- 3.0 GPM, positive displacement
- Long life diaphragm design
- Smooth, quiet operation
- Built-in check valve rated up to 200 psi
- Self-priming to 12 feet
- 1/2" MPT male threaded

CONTROLS FOR HYDRAULIC SYSTEM (FHLS)



- Cab controlled electric solenoid valve for on/off operation
- Green panel light indicator when system is running
- Red indicator light signals system pressure loss (Low tank levels)
- Application rate is controlled manually by a full range pressure compensating priority flow hydraulic regulator
- Application rate is proportional to spreader granular delivery

DRIVE SYSTEM (FHLS)

- 7 G.P.M. rated product pump, driven by a 2.8 cubic inch hydraulic motor
- Hydraulic motor is coupled in series with spreader motor
- A flexible coupling is used between the hydraulic motor and pump
- Pump has cast bronze housing, bronze gears, carbon bearings (self-lubricating), stainless steel shafts, and fasteners, and Buna N lip seal

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

Sales and Service by:

Manufactured By
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“ORIGINATOR OF TAILGATE SPREADERS AND HYDRAULICALLY DRIVEN SPREADERS”