



P.O. BOX 40 MANCHESTER, IA 52057 • 563/927-2828 • FAX 563/927-2521

SALES QUOTATION:

1/16/2015

TO: City of Sparks	FROM: Glenn Beck
ATTN: Ron Korman	PHONE: 563-927-2828
EMAIL:	FAX: 563-927-2521

Qty: 1 **First Response Unit – “Stainless Steel” 15 Ft Unit**
* Per. First Response Unit Specifications

Hydraulic Requirements:

22-32 gal per minute hydraulic flow required depending on required output.

Electrical Requirements:

FRS is compatible with many brands and models of electric control systems.

Body:

- Inside top granular hopper width 72”
- 82” outside width for maximum liquid capacity
- 10 gauge 304 SS sides and ends
- Continuous welded on the inside and outside of the body
- ¼” x 2” formed 304SS plate lift hooks on each corner.
- Enhanced liquid capacity equals 1,500 gal. for 15 foot of body
- Granular capacity equals approx 8.7 cu.yd. for 15 foot of hopper length
- 10 gauge 304SS dual auger trough
- 304 stainless steel rear cabinet with 3 access doors houses all anti-icing/pre-wetting/hydraulic components
- 3/8” rod on 3/8” rod top grate screens with anti-seize hinges.
- Hydraulic safety interlock auger shut-off system.
- 7” diameter variable pitch dual augers, counter rotating conveyor system.
- 24.7 CIR hydraulic motor directly coupled to a 3.6:1 planetary gearbox, one for each auger
- Polyurethane hub at both ends of both augers eliminates seizing and ensures ease of maintenance
- Spinner has 4 position telescopic adjustments
- Tilt up spinner bypass chute.
- 20” polyurethane spinner disk
- All metal surfaces are high pressure cleaned with a phosphate solution.
- Non-stainless steel parts are painted black.
- Slip in style includes body stand for storage.

Anti-ice System:

- Anti-ice high volume pump rated at 210 GPM with maximum pressure of 140 PSI driven by a high speed, low torque motor
- Anti-ice high volume flow meter flange mount for easy removal
- Individual solenoids allows independent controls for 1, 2, or 3 lane applications- also flange mount with removable motors for easy trouble shooting.

The Dependable Ones



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Pre-wetting System:

- Hydraulic pre-wet with flow meter.
- Pre-wet low volume pump rated at 8.5 GPM and is driven by 1.21 CIR geroler type hydraulic motor for pre-wet sytem.
- Pre-wetting variable displacement orifices allows for extended application range.
- Slurrey tube application

Electrical System/Lighting:

- Combination stop/turn/tail and a three (3) light cluster terminates in a extended wire with open end for wiring to truck.
- All valves, solenoids, and flow meters terminate with a weather pack connector.

Hydraulics Include:

- Main valve mounted in rear cabinet
- **Henderson must know truck hydraulic system prior to order-ex Open Center, Closed Center, Load Sense (preferred).**
- **Depending on truck system, only 3 lines to rear cabinet may be required-Pressure, Return, and Load Sense.**

DEALER COST
F.O.B. Sparks, NV

\$53,673.00 (Includes Freight to Sparks, NV)

Exceptions/clarifications:

- Bidding standard Henderson product see specs for exceptions/clarifications
- Dealer to supply hydraulic plumbing and control valve from truck to unit as well as controller on truck.
- Quote is only good for 4 weeks from date of quote

The Dependable Ones