

# 8600 Hopper Spreader

## HOPPER CONSTRUCTION

- 45° Hopper side slope
- #10 gauge steel sides and ends—channel formed at top and continuous welded inside seam
- #10 gauge steel flanged body supports—three minimum per side
- 3" x 4.1# steel cross channels for base support
- Material feed gate is lever and chain operated with an opening of 10" high x 19" wide
- Lift loops are provided at each corner for easy handling of empty spreader

## CONVEYOR

- #7 gauge steel conveyor side rails and floor plate
- Overall width 24" and overall height 9-1/2"
- Side sheets welded to top of conveyor rails
- Chain wiper provided at rear
- 2-1/4" pitch pintle chain (42,000# ultimate) with 3/8" x 1-1/2" cross bars spaced 4-1/2" on center (every other link)
- Chain shields for drag chain are built into hopper side sheets
- Chain tensioned by spring loaded idler—minimum 3" of adjustment
- Idler roller supported on ball bearings

## CONVEYOR DRIVE

- Char-Lynn hydraulic motor coupled to input shaft drives gearbox
- 50:1 worm gearbox speed reducer
- Worm gear is aluminum/bronze alloy with 90,000# tensile strength
- Worm is ground, hardened steel
- 1-1/2" diameter output shaft with (2) six-tooth drive sprockets keyed to drive shaft; shaft is stress proof steel carried by tapered roller bearings
- Pillow block ball bearing supports idler end of shaft
- Conveyor rails slotted for easy disassembly

## SPINNER AND CHUTE

- 3/16" steel 18" diameter spinner disc mounted directly on Char-Lynn hydraulic motor shaft
- Six-steel formed vanes bolted to disk
- One-piece #10 gauge welded construction of chute
- Two-built-in steel baffles to change spread pattern
- Four-steel external deflectors, one fixed and three adjustable
- External deflectors overlap at corners
- Baffles and deflectors are adjustable without use of tools



- Low profile design
- Versatile, economically designed construction
- Mounts quickly and easily in dump body
- Total spread control reliability

## OPTIONS

Sectional hinged screen group • Hinged inverted vee • Light group • Self-locking screw gate jack • Gravity chain oiler • Urethane spinner disc • Dump body mount group • Tailgate latch • Grease tubes to top or rear • Adjustable height bumper group • Wetting system – hydraulic or electric • 409 stainless steel • 304 stainless steel • Special sizes • Special color

## Dimensional Chart

Length	Width	Height	Overall Length	Capacity	Approx. Weight
9'	84"	48"	130"	5.1 Cu. Yd.	1840
10'	84"	48"	142"	5.6 Cu. Yd.	1900
11'	84"	48"	154"	6.2 Cu. Yd.	1960
12'	84"	48"	166"	6.8 Cu. Yd.	2060
13'	84"	48"	178"	7.3 Cu. Yd.	2160

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