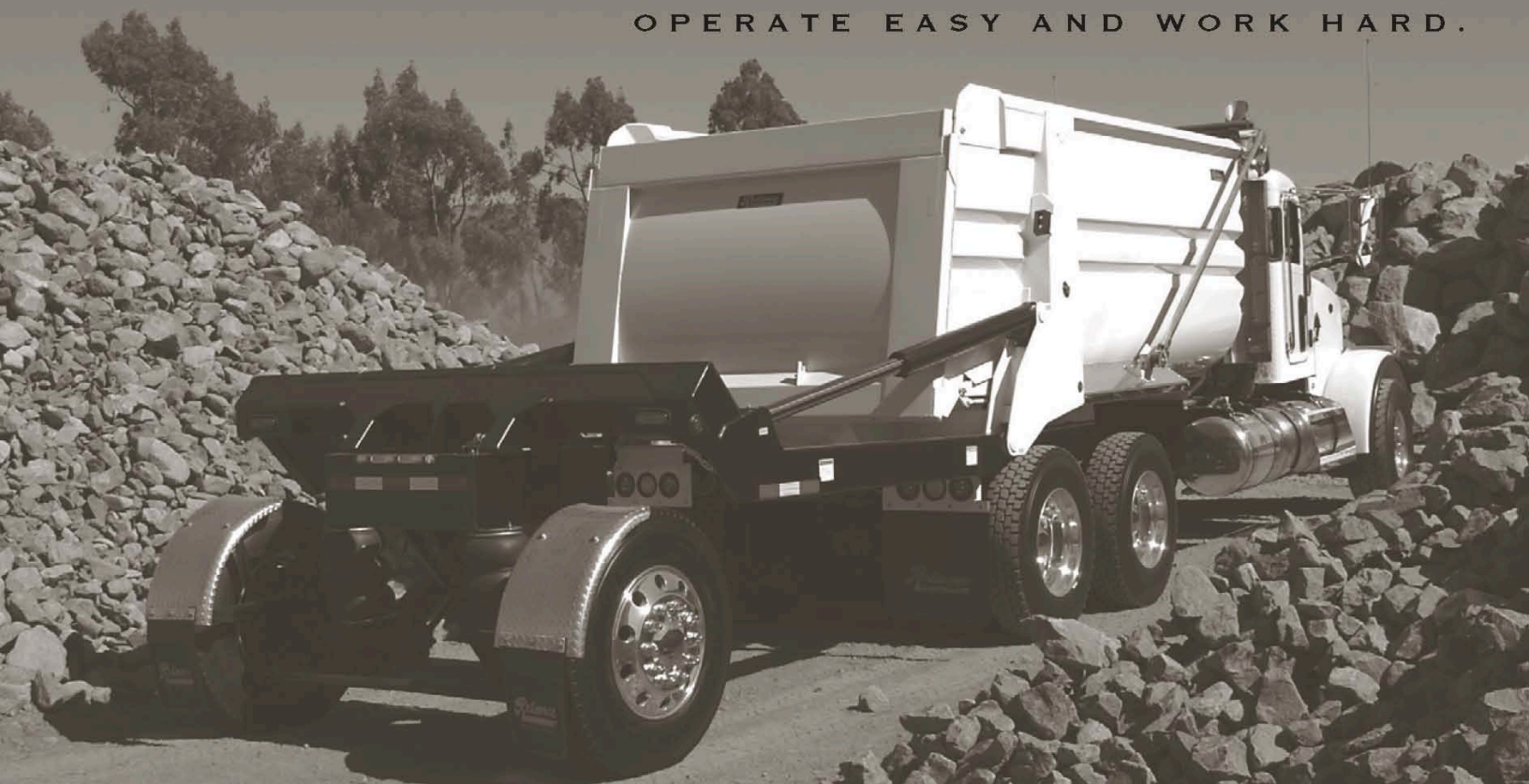




# SUPER DUMPS



OPERATE EASY AND WORK HARD.





# Super Dumps

The Reliance Super Dump system is engineered to haul and dump asphalt, wet concrete, road base, processed aggregate (sand and gravel), and other materials with ease and precision. Reliance Super Dumps perform in the most demanding operating environments, where their high level of durability, low maintenance, and legal payload capacities ranging from 20.5 to 25.5 tons give owners peace of mind. The Reliance Super Dump is engineered to work with all brands of paving and chip machines. Loading from low bunkers and plant hoppers is as simple as flipping a toggle switch to lower the booster axle.



Multi axle payload up to 25.5 tons, approximate



Standard payload of up to 21 tons, approximate



# Super Dump Features



AR450 steel floor, 190,000 psi yield. 450 Brinell rating. Liners also available.



Corrugated sides for extra strength.



Convex tailgate designed for additional capacity and strength. Available in steel or aluminum.



$\frac{3}{8}$ " heavy duty spreader chains.



4"x4"x $\frac{1}{8}$ " Hi-Tensile square tubing top rails, set on diamond. A Reliance exclusive.



Double acting hoist with 45° dump angle. Brings body down without helper springs.



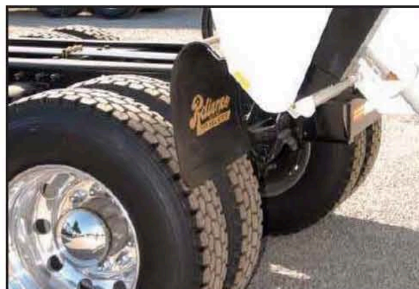
Optional aluminum ladder for easy access into body.



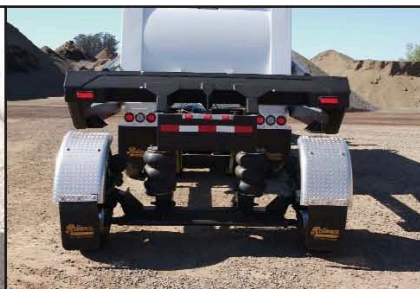
Bolt-on fenders for easy maintenance.



Optional cab controlled tarp system with warning system.



Cab-controlled air lift mudflaps.



Full air-suspended Maxle Arm for reliable performance.



2 $\frac{1}{8}$ " heavy duty Reliance Cast Body Hinge Set.

# Reliance Super Dump Specifications

## 80,000# Gross

### Body Type

- Reliance elliptical
- Approximately 8,900lbs installed, complete with wet kit, hydraulic fluid, and tires/wheels

### Front Wall

- 12 gauge GR80 steel

### Payload

- Up to 25.5 tons / depending upon truck application

### Dimensions

- 17'6" long x 61" deep
- 22.35 cubic yards, water level plus optional side boards

### Fenders

- Bolt-on aluminum, full length

### Floor

- 4 MM AR450 steel, 190,000 PSI yield

### Sides

- 12 gauge GR80 steel with corrugation

### Tailgate

- Convex style aluminum (optional steel)
- Cab controlled air operated latches and single manual lock for wet batch loads. Tailgate is top hinged through HD 1¼" flanged bearings

### Hoist

- Telescopic double acting power up and down with 45 degree dumping angle
- Mailhot double-acting cylinders (power up and power down)

## 66,000# Gross

### Body Type

- Reliance patented Elliptispreader
- Approximately 7,500lbs installed, complete with wet kit, hydraulic fluid, and tires/wheels

### Front Wall

- 12 gauge GR80 steel with two horizontal corrugations

### Payload

- Up to 21 tons / depending upon truck application

### Dimensions

- 15'6" long x 66" deep
- 21.6 cubic yards, water level

### Fenders

- Bolt-on steel over drivers – option – stainless steel

### Floor

- 3 MM AR450 steel, 190,000 PSI yield

### Sides

- 3 MM AR450 steel with corrugations
- 12 gauge GR80 upper sides

### Tailgate

- 12 gauge GR80 steel, convex facing
- Cab controlled air operated latches and single manual lock for wet batch loads. Tailgate is top hinged through HD 1¼" flanged bearings

### Hoist

- Telescopic double acting power up and down with 45 degree dumping angle

## Both Models

**Top Rails:** 4"x4"x½" hi-tensile steel square tubing, set on diamond for maximum material shedding

**Hydraulic Tank:** Optional polished square aluminum hydraulic tank mounted behind cab, steel in frame, or plumbed to truck OEM tank

**Tarp System:** Optional "mouse trap" tarp system with controls installed inside the truck cab

**Spreader Chains:** ¾" heavy duty spreader chains supplied

**Board Brackets:** Optional formed aluminum side boards for added capacity or 2"x6" wooden side boards

**Lights:** ICC/DOT legal Truck-Lite LED sealed beam lights

**Mud Flaps:** Cab operated air lift 30" Reliance rubber flaps mounted on rear light panels

**Tires & Wheels:** Two (2) 11R22.5 (H) tires mounted on hub piloted round hole polished aluminum wheels

**Installation:** It is strongly recommended that the complete Reliance Super Dump body, wet line kit, and boost axle be installed by an authorized Reliance service facility

**Booster Axle:** Silent Drive's Maxle side arm lift axle assembly connects to Maxle/Reliance integrated bolster at rear of Super Dump body

**Paint:** DuPont Imron 5000 is standard. Super Dump body painted white #N0006. Assembly painted black #N0001.



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