

BIG BAG Unit

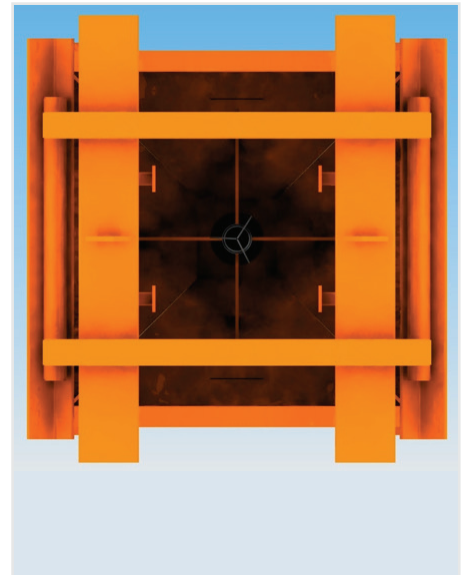
FEATURES

- Maximum bag load is approximately 5000 lb
- Integral bag cutting knife
- Mixing rate of 50 MT/hr
- Joined with the HI-RIDE eductor to ensure optimum feeding performance, product management, and safety
- Adjustable for bulk bag heights of 48 to 72 in (1219 to 1829 mm)

BENEFITS

- Allows for dust-free emptying of big bags
- Improves bentonite mixing rates
- Entrains solid additives
- Minimizes hazardous dust
- Reduces material storage requirements, waste generation, and product loss

The design of the **BIG BAG[†]** unit assures safe and dust-free handling of bulk bag chemicals used for mixing drilling fluids, reducing the health risks associated with mixing powdered chemicals by attaching it to the **HIRIDE Eductor**.



The BIG BAG unit (fabricated in carbon steel) consists of a bulk bag frame, a portable bag spreader with fixed hooks, and a piping assembly connected to a HI-RIDE[†] eductor. The maximum bag load is 5000 lb. Bulk bag sizes are typically 31 x 31 x 34 in or 43 x 43 x 61 in.

To operate, the bulk bag lift loops are secured in a bag spreader frame, which is then lifted by a forklift. The forklift transports the hanging bag to the bulk bag frame and positions the bag in the hopper where a knife punctures the bottom of the bag. The HI-RIDE eductor vacuums the solids from the hopper and transports them into the drilling fluid. The portability of the bag spreader helps facilitate the placement of the bulk bags. The bags are fitted with four loops that extend approximately 10 inches above the bag. The BIG BAG unit is fitted with an integral knife to open bags which helps seal the hopper to control dust emissions and induce solids flow.

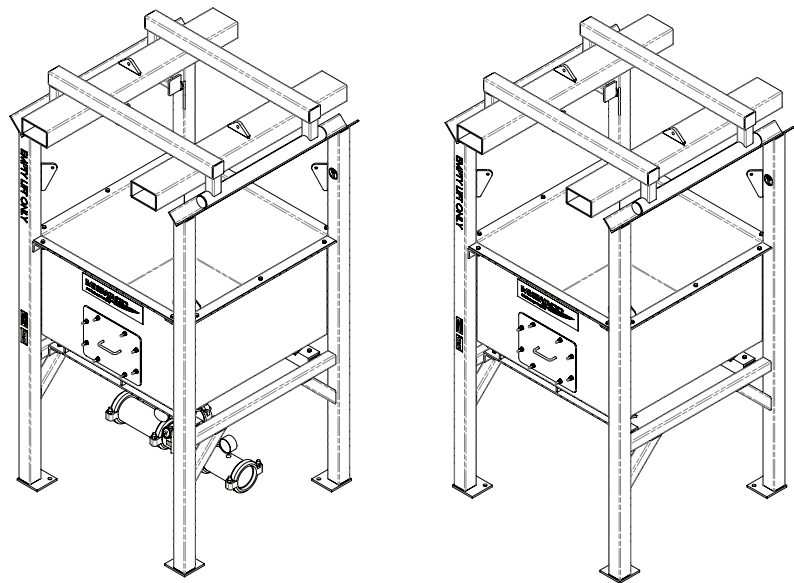
Specifications:

The BIG BAG unit includes the following components:

- Bulk bag frame
- Portable bag spreader
- Piping assembly to HI-RIDE[†] eductor

Specifications	
Structural Material	Carbon steel
Height	119.5 in (3036 mm)
Width	58.9 in (1497 mm)
Empty Weight	2550 lbs (1158 kg)
Operating Weight	4753 lbs (2158 kg)
Operating Pressure	Fluid up to 125 psi; solids 25 in Hg
Operating Temperature	0 to 40 degC
Power	Gravity feed
Capacity	Up to 5000 lbs

Engineering Drawing: Big Bag Unit



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