

HYDRAULIC BULK BAG CONDITIONER EASILY & EFFECTIVELY BREAKS UP SOLID INGREDIENTS

Do you receive material that must be broken up before it will reliably discharge from its bulk bag? Spiroflow Systems' Bulk Bag Conditioner makes short work of conditioning even the most difficult products. Simply move the bulk bag between the horizontal poles with a forklift, hoist or automatically using motorized conveyors, and actuate the hydraulic drive mechanism to quickly and efficiently break up solid ingredients.



Configurations

Fixed Mast, Manual Operation

Either a forklift or hoist is required to move the bulk bag into the Conditioner. The bag is then raised or lowered between each actuation to ensure complete break up of the solid ingredient. The hydraulic drive system is controlled with the included manual lever switches.

Moveable Mast, Manual Operation

In this configuration the poles move up and down along the mast. The bag remains stationary within the Conditioner and the poles move to provide full coverage.

Moveable Mast, Automated

The Bulk Bag Conditioner can be automated such that a bulk bag is placed on a motorized roller conveyor, automatically feed into the Conditioner, conditioned and automatically removed from the Conditioner for pickup by a forklift or hoist. The automated sequence can be initiated by a forklift operator without having to leave the truck.

Benefits

FEATURE	FUNCTION	BENEFIT
Small Footprint	The open C-frame and small footprint makes it easy to fit the conditioner within existing plant layouts.	Save money and space when integrating with existing equipment and processes.
Manual or Automated	Choose simple manual operation or fully automated operation with both horizontal and vertical motion.	Customize functionality to exactly meet your requirements.
Maximum Actuating Force	Up to 3,500 psi	Effective in virtually any application.



Specifications

	FIXED MAST	MOVEABLE MAST
GENERAL ARRANGEMENT	Standard fixed mast arrangement maintains poles at fixed elevation. External equipment is required for bag positioning.	The bulk bag remains stationary while the pole arms move up & down to allow conditioning at various locations along the bag height. No external equipment is required for bag positioning.
STAND	Fixed Mast: 50" L x 56" W x 78" H 61" H Pole As Standard Custom Pole Heights Avail.	Moveable Mast: 50" L x 56" W x 78" H Mast Lifting Height: 5" - 66" from ground to bottom of carriage
CLAMPING MECHANISM	Conditioning Mechanism: 38"W Pole Arms: 3"Ø, 54" L	Inside Pole Clearance: 21" to 63" Clamping Force: Up to 3,500 psi
HYDRAULIC POWER PACK	460/60/3 10 HP TEFC Motor Hydraulic Pump with 20 US Gallon Reservoir Lever & Temperature Gauge Hand Lever Controls & Motor Starter Panel	Filler/Filter/Breather Return Filter Adjustable Valve Hydraulic Hoses & Connections
MATERIALS OF CONSTRUCTION	Constructed of mild steel components & a mild steel conditioning mechanism Painted Steel-It polyurethane	
OPTIONS	Manual Turn Table: 40" Ø, Allows the bulk bag on a pallet to be rotated 360° for 4-side bag conditioning Automatic Turn Table: Allows for automatic operation of the Bulk Bag Conditioner Scissor Lift: Manual/automatic operated scissor lift used to condition at different levels of the bag Integration: The Bulk Bag Conditioner can be integrated within the support framework of a bulk bag discharger or other equipment.	