

NEW Spin-Loader

Loads Storage Bins and Hoppers Completely; Saves Time, Labor, and Virtually Eliminates Segregation



Metalfab's new Spin-Loader allows utilization of bulk storage facilities to their fullest capacity through elimination of the pyramiding which occurs when powders, flakes, and granular materials are loaded into bins, hopper cars, and piles. It also enables loading of up to 15% more product into virtually any storage facility without costly hand labor or interruption of flow while distributing the product evenly in a 360° arc.

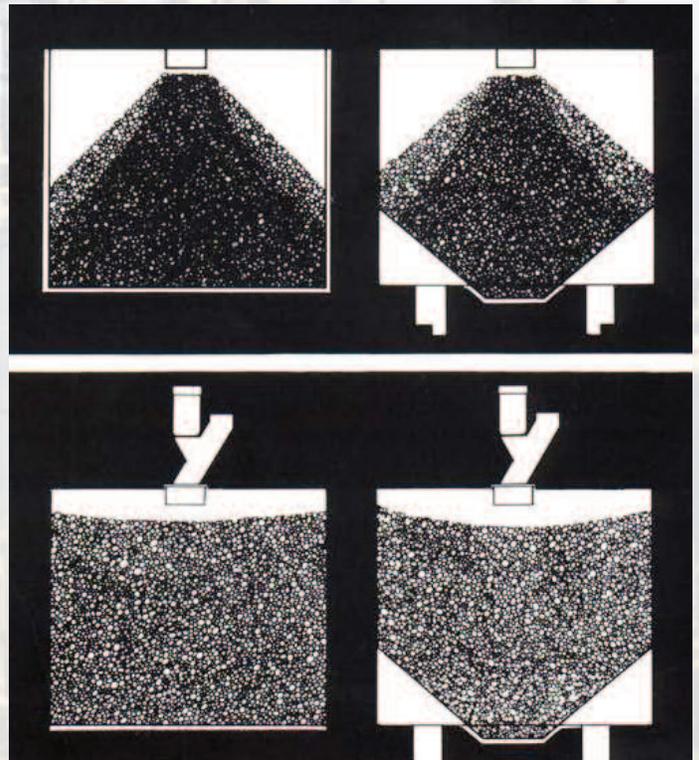
The compact, ruggedly-built Spin-Loader can handle up to 200,000 lbs. of dry bulk material an hour. It is simple to install and easy to operate, and may be mounted to the top of the bin or attached to a flexible loading spout and placed inside or over the bin itself. The entering material flows through the tube of the Spin-Loader to a motorized, spinning disc which directs it to the outer walls of the bin, permitting each bin or compartment to be filled to its maximum capacity.

This method of redirecting the particles greatly reduces the possibility of particle segregation allowing the particles to intermix and, since the entire loading system may be completely enclosed, product waste and contamination are eliminated.

Standard sizes include an 8-5/8" diameter inlet with a 2 HP motor and a 10-3/4" diameter inlet with a 5 HP motor.

Ideal for Storage Bin and Rail Car Loading

Conventional loading forms a pyramid with up to 15% of bin capacity unused. The Spin-Loader directs material to the bin walls, particles are more evenly distributed, and the bin can be completely filled.



The Spin-Loader's simple design and rugged construction mean years of dependable, trouble-free service in virtually any dry solids loading application.

Features and Benefits

- Available in aluminum or stainless
- Handles 100,000 to 200,000 lbs/hr
- All bearings sealed for life
- Designed for dust-tight operation
- Standard 8-5/8" or 10-3/4" inlet tube required; higher rates may require a larger inlet

Accessories

Limit Switch

Allows motor to be activated only after the Spin-Loader has been properly seated on the hopper car hatchway.

Level Indicator

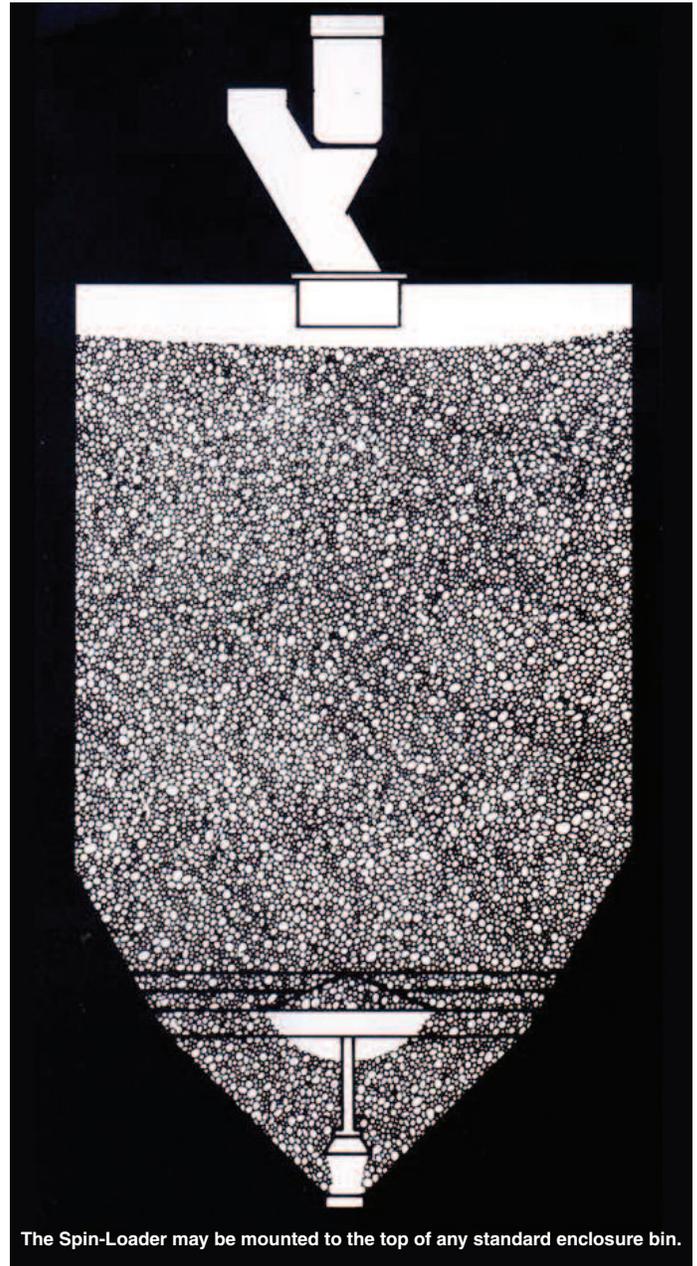
Closes the feed valve, stops the motor or warns operator when the hopper car is full.

Exhaust Air Vent

Vents air and product dust to a collection system when dusting is a problem.

Deflector Shroud

Directs flow of the material in a narrow band for more effective filling of oblong containers.



The Spin-Loader may be mounted to the top of any standard enclosure bin.

