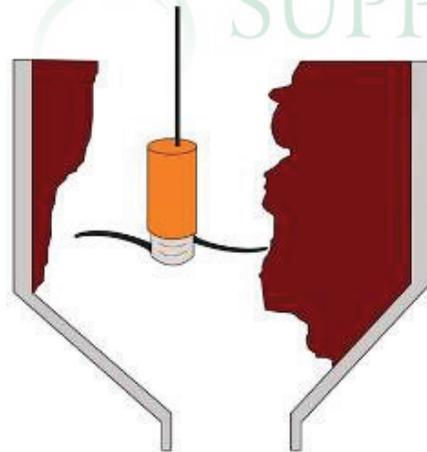


Bin Whip Silo Cleaning

Keeping dry material in silos, storage bins, and hoppers flowing freely is essential for sustaining optimal plant productivity, and hydraulic powered whips are the safest, most effective solution for maintaining continuously operating process streams. Able to eliminate build-ups of any dry products, our whip systems successfully clear build ups, restore maximum flow rates, and recover lost storage capacity.



Bin Whip Silo Cleaning

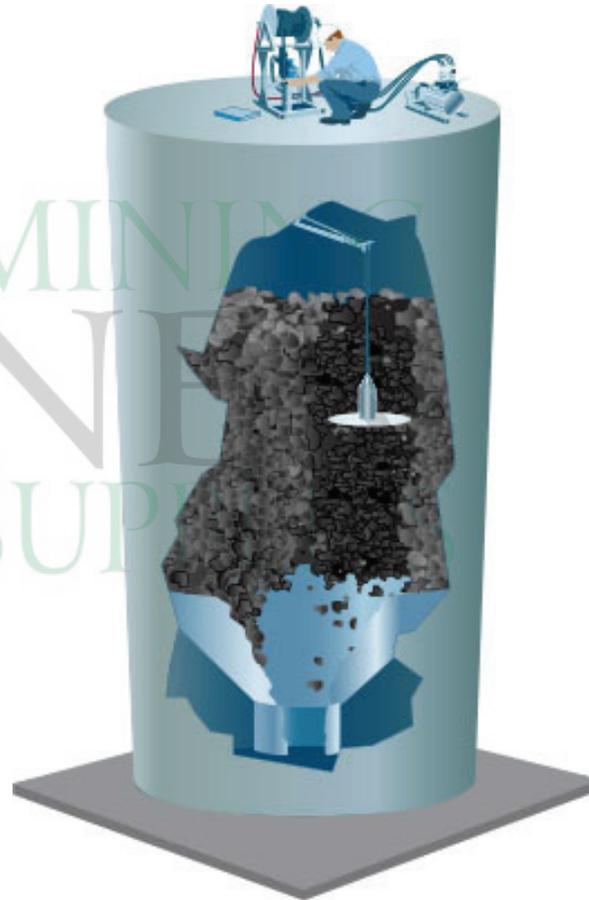
The 'Bin-Whip' machine is hydraulic powered, manually controlled device for the cleaning of silos/bins internal surfaces.

It achieves this by way of a hydraulic driven 'Whip-Head', suspended by the hydraulic supply hose and located on the end of a manually operated, spinning chain/rope flails against the internal material build-up.

By utilizing two trained operators this 'Bin-Whip' machine enables the cleaning/clearing of silo/bin internal surfaces without the need for confined spaces entry and the associated hazards. Depending on the nature of the material, and silo/bin construction, flails of chain, rope, or similar may be used to brush, or break, any deposits that affect the operating efficiency of the said silos and bins alike.

Bin Whip Silo Cleaning

The portable devices are lowered in from the top of the silo and operated remotely — cleared material simply falls to the base of the silo for easy extraction by normal means. Safe to use, there is no need for an operator to enter into a potentially dangerous confined space and there is no risk of vessel damage. When unexpected blockages occur the equipment can be put into action immediately.



Bin Whip Silo Cleaning

No matter what bulk commodity you work in, the Bin Whip can be the most effective tool in your flow arsenal.

- Effective on vessels of all sizes
- Restores storage to 100% capacity*
- Hydraulically powered (no plant air required)
- Speed and direction of cleaning head rotation is adjustable and reversible
- Fully portable and easily movable from bin to bin, or plant to plant
- The safest bin and silo cleaning solution on the market

MINING
SUPPLIES

Bin Whip Silo Cleaning

Why hydraulics and not air?

Hydraulic power is much more powerful in terms of torque and hitting power – at all speeds. It doesn't bog down at low speeds. Full hitting torque is available at slower controllable speeds to keep the whips in the product with the power to knock things loose.

Air is compressible so it depends on high speed to generate hitting power, which makes controlling the cleaning head difficult. If not operated properly an air whip will spend much of its time in mid-air not doing any work. And when an air whip does hit product it slows down, especially in tough material.

Bin Whip Silo Cleaning

PERFORMANCE:

Hydraulic powered whip rotation is reversible. This is very desirable, as the whip head will pull one direction depending on rotation direction. Changing rotation to guide the whip into a tough corner or to expand a cut to the wall, or if a temp cable happens to become entangled, reversing rotation can back off the hydraulic powered whip. Not possible with an air powered whip.

LESS DOWN TIME, MORE PRODUCTIVITY

Bin Whip is valuable because it eliminates hassle and reduces costs. It takes care of flow problems quickly, minimizes down time, and keeps employees safe and on task. Results are measurable.



Joner Mining Supplies Bin Whip

