

## The Problem:

A Canadian swimming pool chemical manufacturing company has several plastic hoppers in their processing line. The material handled does not flow freely through the hopper discharge.

Bridging and ratholes occur frequently and production is often interrupted as a result. Because the hoppers are made of plastic, the normal means of applying vibration to assist flow by welding or bolting heavy piston vibrators to the sides of the hopper is not feasible. As a result, operators must resort to manually dislodging the sticking material by shaking the whole hopper frame, which is quite heavy and cumbersome. Even then, production may be stopped for some time before an operator realizes there is a problem.

## The Solution:

The customer found the NAVCO® website, [www.navco.org](http://www.navco.org), via a search engine and read information there about the portable Magnevibe. He then contacted NAVCO® about a solution and was assured that the Magnevibe could solve the flow problem. Because the customer's hoppers were plastic (non-ferrous) NAVCO® also supplied ferrous mount pads that have an adhesive backing. The mount pad allows the Magnevibe to magnetically 'stick' to plastic bins as easily as metal ones. This customer has now placed a Magnevibe on three of their plastic hoppers to solve material flow problems. The result is reduced bridging and ratholes and less wear on the hoppers from violent shaking and pounding.

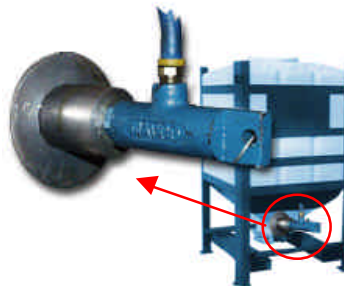
## The Portable Magnevibe

One Handy Flow Aid for Several Small Bins or Hoppers



Comes with 5' of air hose, manual valve, safety cable and latch.

- Adhesive Ferrous Mount Pad available for non-metallic hoppers.
- Delivers over 40 pounds of force!
- No welding or bolting required.
- Use on small bins, totes, and hoppers.
- Completely portable.



The portable NAVCO® Magnevibe works on non-ferrous hoppers too.

The Magnevibe measures less than 8" long and weighs less than 4 lbs.

