

Extreme Duty BH Vibrator

Industrial Vibrators Built for the Heaviest of Heavy-Duty Applications

NAVCO[®] Extreme Duty BH Vibrators are the largest of the BH Vibrators, designed to handle heavy-duty applications in harsh environments. Their substantial size promotes material flow where other vibrators come up short by eliminating material rat holes and bridging in large, heavy walled chutes, bunkers, grizzlies, and other large storage vessels. Extreme Duty BH Vibrators ensure bulk materials keep flowing in the toughest industrial applications.

Heavy-Duty Vibrators, Made in the USA

Made in the USA, Extreme Duty BH Vibrators are pneumatic piston vibrators that keep bulk material moving around the United States and across the globe.

Long Productive Operating Life

Designed with minimal moving parts, these vibrators provide a long, reliable operating life in the harshest of conditions.

Working Across Many Industries

These vibrators can be found in many industries, including Aggregates, Power, Mining, Pulp & Paper, Wood and many more.



Move Bulk Material In Heavy-Duty Applications

Large Vessels and Heavy Walls

Extreme Duty BH Vibrators excel at creating a vibration response that eliminates rat holes and bridging in large and heavy walled vessels. This includes bunkers, chutes, grizzlies, and other storage vessels with walls up to 1" thick.

Less Equipment, More Flow

Influence more material with fewer vibrators. Extreme Duty BH Vibrators generate a bin response with a large area of influence that reduces material sliding friction and strength. This promotes fast and complete movement of even the most stubborn materials.

Thorough, Safe Cleanout

Remove long standing material that, if left can cause corrosion and in some instances a combustion hazard. The vibrators also reduce the risk of onsite injuries by eliminating the need for employees to enter the vessels and manually scrape material.

No Wall Penetration

Don't replace one material flow issue with another. Extreme Duty BH Vibrators are installed without the need to penetrate the wall, and don't introduce a new obstruction in your vessel that could hinder material flow.

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Suitable for Class & Division Environments

Pneumatic and inherently safe in most hazardous environments.

Sized for Heavy Industry Needs

Extreme Duty BH Vibrators are available in three sizes BH 5.00, BH 6.00, & BH 8.00. This range of sizes covers the force required to handle the toughest of heavy-duty industrial applications. Like the standard BH Vibrators, Extreme Duty BH Vibrators come in three different types:

Repetitive Impact

Repetitive Impact Extreme Duty BH Vibrators provide continuous high energy impulses that maximize bin response. Type excels at eliminating the most difficult of flow problems in heavy duty applications. They have also been utilized in custom applications such as underwater core sampling.

Single Impact

Single Impact Extreme Duty BH Vibrators provide a single timed high energy impulse triggered by a timer, button, or other controlling device.

Silent

Silent Extreme Duty BH Vibrators, also known as air cushioned or sinusoidal, run at lower noise levels when compared to the two impact type vibrators. This sinusoidal force output is ideal for driving vibratory equipment, such as NAVCO's Railside Railcar Shaker and Vibrating Tables.



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