

# Hydrobin Ash Handling System

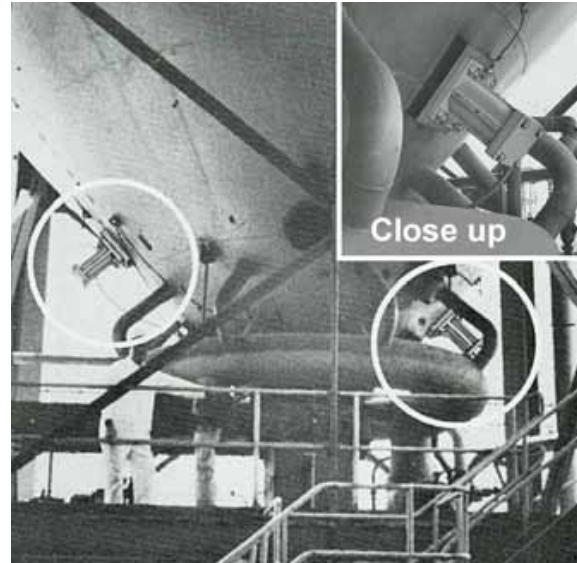
Heavy duty Vibrators at a power plant

Two **NAVCO** BH 6 Vibrators were installed on each of two hydrobins at a major power plant. They replaced an installation of electromagnetic vibrators where clean out was inadequate and sledgehammers were often required to loosen and move the ash.

**NAVCO BH Vibrators on Hydrobins can:**

- Reduce labor costs
- Increase productivity
- Reduce maintenance costs

According to plant personnel, the **NAVCO** BH 6's keep the inside of the bins continually clean with timed impulse action and have eliminated the periodic scrub down of bin interiors that was previously required when using the old style electromagnetic vibrators. The **NAVCO** BH 6's use intermittent (not continual) impact vibration to move material as required and they operate best on 50 PSI shop air.



**BH 8"**  
**650 Lbs.**



**NAVCO** Vibrators are available in impacting or silent models. Silent models are air cushioned at both ends of the piston for reduced noise levels.

The BH 6 is 19 ½" tall and designed for bin capacities from 300 to 1000 tons.

The BH 8 is 22 ½ " tall and is designed for 800 to 1500 ton bins.

**NAVCO's** big BH 8 Vibrator is designed for the most heavy-duty service on large capacity, thick plate bins. These 650 lb. Vibrators incorporate a 215 lb. Piston with a 2" stroke to dislodge even the most stubborn material. BH 8's have been used successfully on large ore bins in the steel industry and also on vary large bunkers in coal-fired power plants.

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