

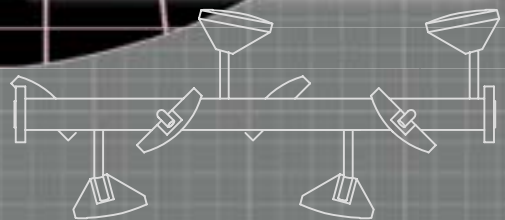
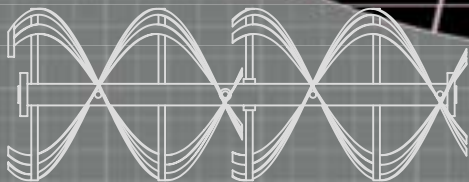
## Heavy-Duty Horizontal Batch Mixer



Ribbon Mixer with Reinforced Agitator



Paddle Mixer with Drop-Bottom Doors



For more information  
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# Heavy-Duty Horizontal Batch Mixer

Where extra horse power and strength are needed for heavy industrial mixes, the S. Howes Powermix design can get the job done. Hundreds of customers can attest to our heavy-duty mixer's performance. Its proven design has provided years of low maintenance mixing.

*Material Testing Facility Available*

*See "Powermix Specifications" and "Mixer Accessories & Options" brochure for further detail*

## SAMPLE MIXING APPLICATIONS

### Cement & Mortar

S. Howes POWERMIX mixers quickly blend cement, sand, concrete and gravel ingredients to uniform proportions insuring consistent strength and appearance of the end product. Abrasive resistant linings and air purged shaft seals are features that can be applied to withstand the wear from these products. Paddles are easily replaceable as wear eventually occurs. Scrapers are also available to achieve nearly total cleanout allowing for high recovery and minimal batch contamination.

### Pastes & Filter Cakes

S. Howes' paddle mixer is used to produce batches with a "feedable" consistency for downstream processing of filter press cakes and pastes. Liquid addition is also possible through spray bars. Cakes and pastes are usually thick and resist blending without a proper mixing design. The mixing action of the S. Howes "bent" paddle design effectively moves such materials as pigment, minerals, ceramics, chemicals, and pharmaceuticals. Contact parts of the S. Howes mixers can be polished to any level to help release these sticky materials for minimal batch retention during discharge.

### Fertilizer

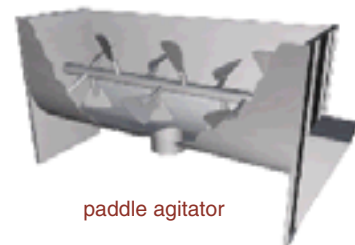
S. Howes heavy duty batch paddle mixers are ideal for uniform blending necessary for the specific applications used by soil processors, nurseries and greenhouses. A heavy duty mixer equipped with S. Howes scoop like paddles provides the "tumbling motion" to enable lower bulk density ingredients to be mixed homogeneously while minimizing breakage and creating undue dust.

*... and many more applications such as explosives, pellets, pigments, plastics, etc.*

Other S. Howes mixing & blending equipment available:

**Sanimix, Mixall, Vertical, Continuous Duplex & Simplex, Pug Mill**

*Photos and drawings are not intended to show or suggest use or non-use of any operator protection systems*



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