



# **S. HOWES**

## **Heavy-Duty Horizontal Batch Mixer**



***Ribbon Mixer with  
Reinforced Agitator***



***Paddle Mixer with  
Drop-Bottom Doors***

For more information  
contact one of our Sales Engineers  
[sales@showes.com](mailto:sales@showes.com)  
[www.showes.com](http://www.showes.com)

S. Howes, Inc.  
Phone: (716) 934-2611  
Toll Free: (888) 255-2611  
Fax: (716) 934-2081  
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# Heavy-Duty Horizontal Batch Mixer



## JOB ENGINEERED

S. Howes' sales and engineering personnel can recommend a standard design for your application or work with you to develop a custom design, depending on your unique needs. If the features you need are not listed, please call us to see how we can develop a solution to meet your requirements.

## HEAVY DUTY MIXER FEATURES

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. Extra heavy gauge steel is used for the tank and end-plates, and powerful, heavy-duty drives and are used to ensure years of low maintenance, reliable operations.

## 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.



## MATERIAL TESTING



Modern Test Lab



See *Powermix Specifications* and *Mixer Accessories and Options* brochures for further details.

S. Howes, Inc.  
25 Howard St.  
Silver Creek, NY 14136  
[www.showes.com](http://www.showes.com)

Phone: (716) 934-2611  
Toll Free: (888) 255-2611  
Fax: (716) 934-2081  
[sales@showes.com](mailto:sales@showes.com)

