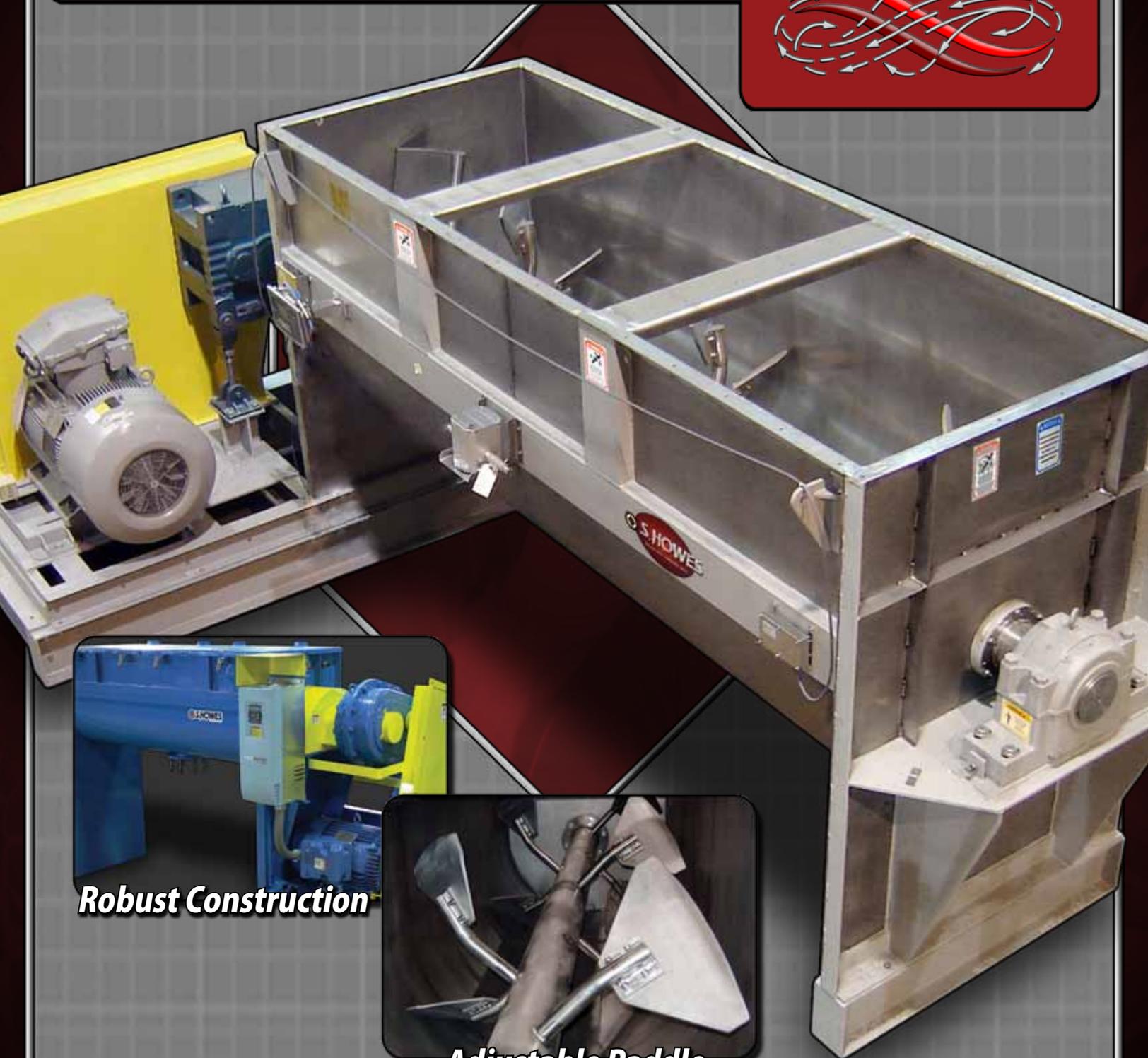




# **S. HOWES**

## **Paddle Blender**



**Robust Construction**



**Adjustable Paddle  
Agitator**

For more information  
contact one of our Sales Engineers  
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# Horizontal Paddle Blender



## JOB ENGINEERED

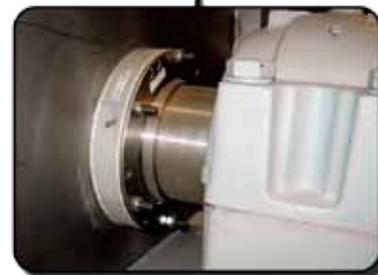
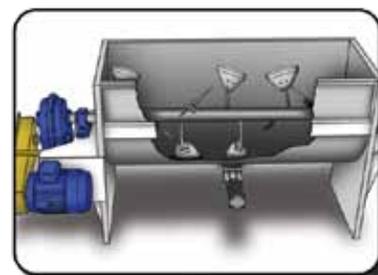
S. Howes' sales and engineering personnel can recommend a standard design for your application or work with you to develop a custom design, depending on your unique needs. If the features you need are not listed, please call us to see how we can develop a solution to meet your requirements.

## PADDLE BLENDER FEATURES

S. Howes Paddle Blenders produce a superior uniform and consistent mix complemented by robust construction. Mixing is accomplished using the S. Howes adjustable paddle assembly, delivering uniform, high-capacity blending at low power cost. Standard blenders are available in capacities from 1/3 to 650 cubic foot batch sizes and are available in custom finishes and designs to meet your production requirements.

## SAMPLE MIXING APPLICATIONS

<p>Pastes &amp; Filter Cakes</p>	<p>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.</p>
<p>Abrasive Materials</p>	<p>Abrasive materials present a unique challenge to mixing equipment. Standard mixers can wear out quickly when processing abrasive materials. The S. Howes line of paddle mixers has the solution. Our special paddle design gently lifts and pushes material producing a gentle cascading action, thus reducing the wear of the agitator. The adjustable bolt-on paddles allow for easy wear compensation and eventual replacement. This lengthens the useful life of the agitator while reducing overall maintenance costs. For especially aggressive materials, we can make the paddles from abrasion resistant steel and install abrasion resistant liners for the tank.</p>
<p>Animal Feed</p>	<p>S. Howes has long been a standard in the Feed mixing industries creating uniform mixes efficiently. We understand that health of an animal can be dependent on mixes being accurately and uniformly blended. S. Howes blenders provide the required uniformity in shorter times which means less dusting and breakage of the ingredients that can cause gastric ulcers in the animals, and bridging of downstream handling equipment. Additionally, by using scrapers or drop bottom discharge, the amount of material left over between batches is minimized, reducing the opportunity for bacterial growth.</p>



## MATERIAL TESTING



Modern Test Lab



## DESIGN OPTIONS

Mixall®

Sanimix®

Powermix®

 See *Mixall Specifications*, *Powermix Specifications*, *Sanimix Specifications*, *Lab Mixer*, and *Mixer Accessories and Options* brochures for further details.

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