



Spices / Seasonings

Blending in an OptimaBlend®



Benefits of blending spices in the OptimaBlend® Fluidizing Paddle Blender:

- Ingredients of various size, shape, and density are mixed efficiently thanks to the mechanical fluidization action
- Minimal shear and heat
- Gentle on fragile ingredients like coarse salt and parsley
- Homogeneous mix - very high mix quality
- Faster mixing
- Lower CV values
- Lower consumed power



Case Study - Spices / Seasonings

The company:

The customer is an American company mixing seasonings with miscellaneous additives.

The challenge:

The customer approached Eirich Machines looking for a technology to mix their product without the use of a chopper intensifier due to the extra costs involved with sanitation issues. They randomly selected their worst case blending scenarios.

The solution:

Our OptimaBlend® Fluidizing Paddle Blender's superior mixing performance provides an excellent, cost-effective alternative for blending and mixing ingredients and overcomes the limitations of established ribbon and V-blender technologies. The OptimaBlend® mechanically fluidizes the product ensuring an efficient, gentle mixing process regardless of density, shape or size, enabling you to achieve coefficient of variation targets on complex applications that conventional mixing equipment cannot maintain.

The results:

The customer was able to witness, first hand, the performance of the OptimaBlend® handling their toughest mixing scenarios without the shear that the ribbon blender imparts. They were using ribbon blenders and decided to start up their new plant using the OptimaBlend® mixing technology.



Eirich Machines, part of worldwide Eirich Group, is an international supplier of machinery, systems, and services for material processing. With the two product lines EIRICH and American Process Systems® (APS), we offer the most comprehensive range of mixers, blenders, pelletizers, dryers, and grinding mills.

Our APS product line includes:

- Fluidizing Paddle Blenders
- Ribbon Blenders
- Paddle-Ribbon Blenders
- Paddle Blenders
- Plow Blenders
- Dryers/Reactors



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