

*In the past few years the agricultural industry has changed. From corn, soy, & fruits, to the newly added hemp & cannabis, the industry has grown.*

*As the industry has grown, so has the technology that supports the industry, from software & hardware to tractors, watering devices and even mixers!*

From custom mixing & blending soils, fertilizers, & seeds, to mixing grains, greens, & beans, the need to increase productivity & decrease labor has also grown. Mixing has become an area that has had the need to drastically change as the ability to rapidly mix products that can be organic, natural, or synthetic has increased to support agriculture. **The mixer that is on the rise is the Twin Paddle Mixer, also known as the**

## Fluidized Bed Mixer



is a high speed mixer that rapidly mixes products of different sizes & densities. It is unlike other mixers as it mixes in the air instead of the mixer's trough as with others such as Ribbon Mixers. The paddles make contact with the product and "fling" it into the air with enough velocity it breaks gravity, causing a "zero gravity" mixing. This is why particle size or density does not affect mixing. After mixing in the air the products fall back into the trough and the twin paddles keep them in motion, circulating, and repeat the mixing cycle. The process is completed very quickly, especially compared to other mixers, often cutting the time in half, or more.

### ADVANTAGE

- ✓ PerMix understands all the aspects of the agricultural industry, from fertilizers to seeds, soil to crops, & even harvesting.
- ✓ The speed are severely increased
- ✓ Decrease labor stress, & increase production / profits
- ✓ The ability of adding nutrients / fortifying quickly
- ✓ Perfect for unloading directly into dump trailers.
- ✓ Can be mounted on an elevated platform

