GAME CHANGING MIXING TECHNOLOGY

- Mix and pelletize in one machine and one process
- Homogenize powdered materials of different densities quicker and more effectively
- Create homogeneous pellets that consistently deliver precise ingredient formulations
- Deliver pellet size range tight tolerances and higher yields than possible with most other machinery
- Alter the pellet size range from batch to batch with no changes to formulation or equipment to create products for different markets

High Shear Counter-Current: Simply the most effective mixing technology available.

One-step pelletizing/granulating systems
Increased yields, much higher throughput, and better mixing productivity
Diverse mixing and pelletizing applications
Rugged, dependable, and world-class equipment

We make high-throughput industrial mixing machines for customers in industries as diverse as ceramics, glass, refractories and proppants

Our engineers and manufacturing team design, build, and support high-throughput material processing equipment to your specific requirements.

Designed and Manufactured in Lebanon, PA.
Lancaster Products combines decades of mixing experience, working across multiple industries, with the finest granulating and pelletizing mixer technology.

Our line of high shear counter-current mixers can

- mix and pelletize in the same operation, supplanting the need for multiple pieces of mixing and pelleting equipment in a process.
- rapidly homogenize multiple minor ingredients with majors in a mix resulting in higher quality products and reduced reaction times.
- mix and granulate bulk material in a variety of industries including building materials, high performance ceramics, fertilizers, flat panel glass, refractory and recycling of waste materials.

Lancaster Products High Performance Mixing and Pelletizing Machines provide one-step convenience with a wide range of application options.

PERFORMANCE FEATURES INCLUDE

- **All in ONE Machines** – For Blending, Pelletizing, Granulating, Slurrying, Dissolving, De-Dusting and Reacting.
- **Faster Mixing**
- **Less Additives**
- **No Dead Zones**
- **Continual Material Removal**
- **Works with a Variety of Materials**
- **Variable Speeds**

THE MOST EFFECTIVE MIXING TECHNOLOGY

Our **counter-current mixing action** is the most effective mixing technology for rapid and consistent uniformity.

The rotating pan efficiently conveys material to secondary mixing plows and side wall scraper – all strategically placed to deliver **maximum material mixing**.

Designed for increased **relative particle velocities** - provides **countless material exchanges** throughout each batch cycle.

High-Intensive Mixers adds versatility in meeting almost any material mixing challenge by **individually changing component speeds**.

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