EXPECT BETTER

SACKETT WACONIA

SACKETT - WACONIA
PFB
PRECISION FERTILIZER BLENDING®

Blend Quality

Coating Quality

r4 nutrient stewardship **PARTNER**

RIGHT SOURCE	RIGHT RATE
Matches fertilizer type to crop needs.	Matches amount of fertilizer to crop needs.

RIGHT TIME	RIGHT PLACE
Makes nutrients available when crops need them.	Keeps nutrients where crops can use them.

A New Standard

Precision Fertilizer Blending® is technology to handle complex blends with speed, accuracy, quality, and flexibility. It's specifically designed for introducing micronutrients, chemicals, EEF's, and value added products

PFB systems assure that physically blended multi-nutrient fertilizers meet the analysis, as determined by soil and crop specific requirements, to maximize yields, minimize environmental impact, improve human and animal nutrition, and ensure farmers' economic success.

PFB Systems Feature:

- Formula Accuracy of ± .1%
- Precision Blenders
- Batch blending for:
    - A high level of efficiency, accuracy, and flexibility
    - Guaranteed analysis
    - Traceability
- Advanced precision automation - SmartBlending™

The Critical Link in Dry Blending

Blending is a main link between fertilizer production and nutrient uptake. Without precise dosing and thorough blending, even the best nutrients and application technology cannot maximize nutrient use efficiency.

PFB and The 4R's

When it comes to fertilizer blending, Sackett-Waconia's goal is to design, engineer, and build equipment that supports proper nutrient stewardship and nutrient use efficiency.

After the introduction of the 4R Nutrient Stewardship Program, we quickly realized that it was spurred on with the same values as PFB - and we've been optimizing our precision blending systems in line with th 4R's ever since. Today, Sackett-Waconia is a proud 4R Partner, and we continue to strive toward the best technology possible to ensure we're fulfilling our commitment to the cause.

PRECISION FERTILIZER BLENDING

Join Leading Retailers Raising The Quality Standard Of Blended Fertilizer

A growing number of companies around the world are embracing Precision Fertilizer Blending. Now found in almost 30 countires, PFB systems are designed for the rigors of the fertilizer industry and are engineered for safety and a long service life.

What makes PFB Different?

In short, everything. PFB is a philosophy, a process, a system, and a line of equipment. PFB systems are high-speed batch blending systems. Through the use of specialized automation, multiple weigh hoppers, and batch blenders, PFB Systems are able to provide a high degree of accuracy to an intended analysis. Also, they're flexible enough to modify formulas and batch sizes to meet any output required - as many times as needed during a day.

Dosing via Multiple Weigh Hoppers

PFB systems sample weights, via load cells, dozens of time a second and, through machine learning, evaluate their own accuracy - making adjustments as needed. And since multiple weigh hoppers are being used, each material in a blend has its own certified weight which increases formula accuracy and adds traceability.
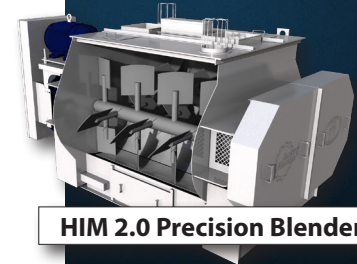
Precision Batch Blenders

PFB systems utilize the most robust and accurate blenders in the industry: The Sackett-Waconia HIM 2.0 and Orbital blenders. Both machines are designed for a tough life in a fertilizer plant, featuring heavy duty stainless steel plate construction and high quality drives, bearings, and seals. Both machines thoroughly blend material and, by design, have no "dead zones" inside their bodies which can ruin formula accuracy.
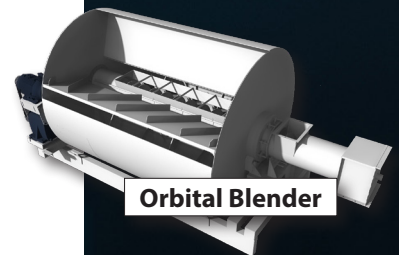
Advanced automation with SmartBlending™

A feature of premium Sackett-Waconia blending systems, Smart Blending™ is a suite of sensors, integrated automation, and an interactive user interface designed to give you complete control of your blending system, while providing you with both performance and maintenance feedback. It's designed to maximize precision and efficiency while providing real-time data in a user-friendly environment.
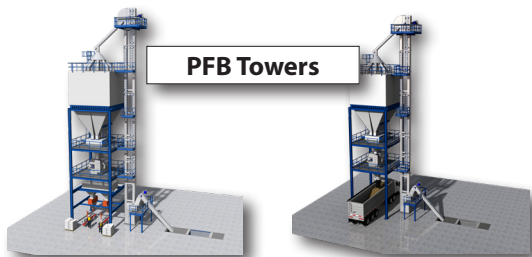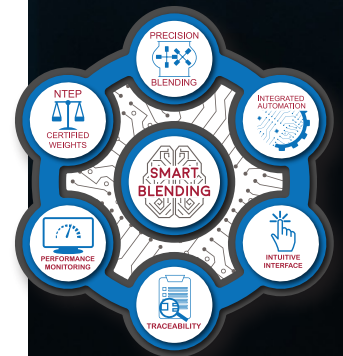
The PFB Family of Systems

PFB Systems are available in a large range of capacities and layouts. More information is available on our website's Precision Fertilizer Blending Page.
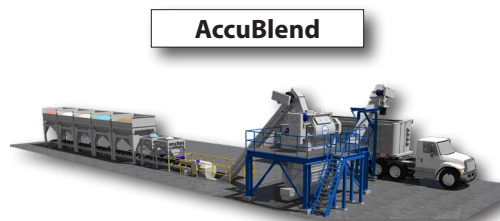
HIM 2.0 Precision Blender

Orbital Blender

PRECISION BLENDING · INTEGRATED AUTOMATION · INTUITIVE INTERFACE · TRACEABILITY · PERFORMANCE MONITORING · NTEP CERTIFIED WEIGHTS · SMART BLENDING

PFB Towers

AccuBlend

WSF Blending

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