

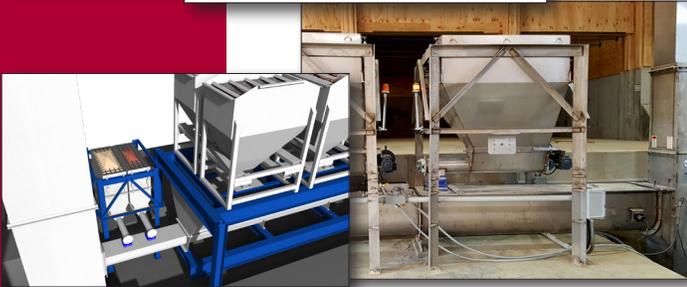


WATER SOLUBLE FERTILIZER BLENDING SYSTEMS

Reliable, Precise Blending



Highly Accurate Dosing



High Quality Blending & Bagging

Legacy

For over 120 years Sackett-Waconia has been at the forefront of the Fertilizer Industry. Since 1897, our company has supplied technology and innovation to the fertilizer industry. With over 200 patents, equipment on 6 continents and in over 60 countries, 4 manufacturing plants, and partners in Brazil and Africa, we continue to provide industry leading technology and support in the US and throughout the world.

World Class Blending

Sackett-Waconia's water soluble fertilizer blending systems feature our HIM Mixer. It is uniquely designed to thoroughly blend and evenly distribute liquids and powders in seconds. All materials are gently and precisely mixed, resulting in a consistently homogeneous final product.

Reliability

Your business depends on your equipment operating when you need it. Sackett-Waconia systems are fabricated in 304 or 316 stainless steel with heavy duty components and proven technology, for a long service life.

Flexibility

To ensure you get the most out of your system, Sackett-Waconia works with you throughout the entire design process to ensure your needs are met and that your system can handle market demands. Our systems are designed to handle a wide array of granular and powdered materials.

Safety

The one underlying principle for our engineering and fabrication, is to NEVER compromise safety. All Sackett-Waconia equipment meets or exceeds OSHA regulations, and we will work with you to ensure any site or company specific requirements or concerns are met and addressed. Safety is a primary feature of every Sackett-Waconia System.

SOLUBLE BLENDING & BAGGING SYSTEMS

Removable Tote bins

Systems can be supplied with stationary hoppers or removable tote bins, each positioned for easy reach with a forklift. All bins and totes have the capacity to handle an entire super sack, with a max capacity of 1.5 US Tons.

Tote Filling Stations with Conditioning

Sackett-Waconia offers stand-alone filling stations for the removable totes. Materials can be conditioned (de-lumped) or directly loaded to bins. These stations can be configured to fit a variety of plant layouts, and can be fitted with a trolley hoist system for loading totes from super sacks, as well as direct loading from 25kg to 50kg bags.

Static Weigh Hopper - For Maximum Accuracy

Ingredient dosing is carried out via a live-bottom weigh hopper, fed by the removable totes, whose discharge is controlled with air-operated gates. The hopper is then weighed by sealed, stainless steel, load cells and transfers the weighed material via a built-in conveyor. The dosing system is fully automated for accuracy, reliability, and ease of use.

Bagging Systems

Bagging systems can be supplied in nearly any configuration to fit your needs. The HIM Mixer's bomb-bay style doors dump directly into a bagging hopper to eliminate product segregation. This hopper then feeds the bagging system with a consistent rate.

Blending with the HIM Mixer

With over 20 years of proven technology, the HIM combines the best in speed, accuracy, and dependability into one precision mixer. Its unique design eliminates "dead zones" and its synchronized overlapping paddles ensure that each granule is in motion during mixing. This constant particle motion gives you the most complete and homogeneous blending available. Also, this unique blending motion means that, no matter the capacity of the mixer, blend times average 30 seconds or less. Its bomb-bay style doors provide instantaneous discharge, minimizing material segregation and maximizing speed.



Removable Totes



Tote Filling Station



Live-Bottom Weigh Hopper



The HIM Mixer



System Concept



Bagging Systems

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