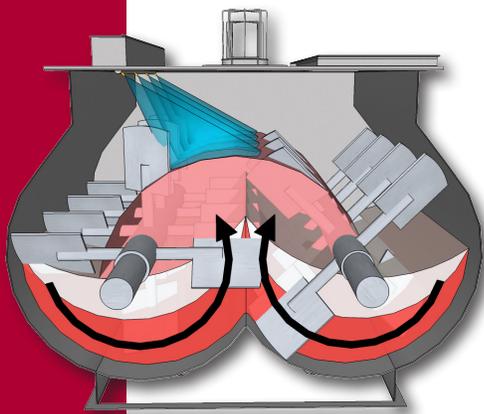




H.I.M. MIXER

Performance Matters



Why the HIM?

The H.I.M. combines the best in speed, accuracy and dependability in one high performance mixer.

Mix Quality

Synchronized, overlapping paddles gently but thoroughly mix all ingredients. There is no "dead zone" in the H.I.M. mixer. 100% of the material is in mixing action 100% of the time. Making the HIM ideal for adding liquids and/or dry trace elements.

Speed

Gravity loading the top of the mixer from an overhead weigh hopper is extremely fast. Mix times are 30 seconds or less, with nearly instantaneous discharge via the twin "bomb-bay" doors, which completely empty the mixer.

Dependability

Using Heavy gauge metal, low rotor speed, meshing spur gears to drive the rotors, and oversize bearings compression seals, adds up to the ultimate in reliability.

Coating & Impregnation

The nine time lapse photos below show the coating of urea with a stabilizer liquid. The entire process took less than 20 seconds.



The HIM's unique mixing action ensures a homogenous blend of materials from granular to powders and an even distribution of liquids.



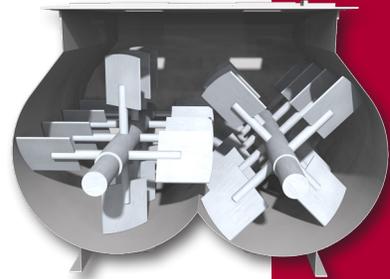
The H.I.M. Mixer

Unique Design - Unparalleled Performance

Fully Synchronized, Overlapping Paddles.

Though the HIM's roots are in the food industry, the technology was re-engineered mechanically to meet the demanding needs of the fertilizer industry while maintaining the mixing efficiency and gentleness required by the food industry.

The unique design eliminates "Dead Zones" inside the body of the mixer and keeps all particles in motion during the process. This design is increasingly important with new fertilizers such as polymer coated products and micronutrients that are sensitive to degradation. The HIM allows for lower rates of liquids to be used, by maximizing how many particles contact each other. The more contact, the better the chances of transferring liquids. All this is accomplished in a gentle motion that greatly reduces the risk of breaking a particle or coating.



Instantaneous Discharge.

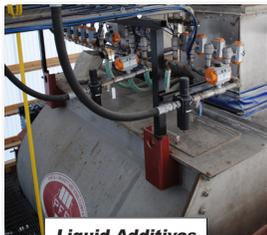
The HIM uses "bomb-bay" style doors to discharge a batch as quickly as possible, effectively preventing your blend from re-segregating.

Applications.

The HIM is a flexible batch mixer. It's used in applications ranging from Lab work to Soluble Fertilizer blending systems to Blending Towers, and provides the high accuracy blends required for bagging.



Lab Testing



Liquid Additives



Coating & Impregnation



Soluble Systems



PFB Tower Blending

Sackett-Waconia

1701 S. Highland Ave • Baltimore, MD 21224 • (410) 276-4466
680 Tacoma Blvd • Norwood Young America, MN 55368 • (952) 442-4450

www.sackettwaconia.com

