



BATCH BLENDING MADE EASY:

Automated Efficiency at Your Fingertips by AGI Fertilizer Systems

At AGI, we understand that when blending multiple products, speed and efficiency are critical. We know that during the peak season, in addition to speed and efficiency, you also need the reassurance of accurate blends that automation offers.

That's why at AGI, we've applied the same dedication and excellence toward software and automation that we apply to the state-of-the-art fertilizer equipment that we're known for. By combining Yargus and Junge software platforms into one consolidated solution, we are steadily working to provide our customers with simple, dependable software for liquid and dry fertilizer facilities.

Our commitment to helping you obtain the right fertilizer balance in the most efficient way possible can be seen in our batch blending automation.

AGI'S BATCH BLENDING PRODUCT LINE

Rotary Drum Blend Systems

Yargus Rotary Drum Blend Systems feature the fastest discharge rate in the industry - four tons per minute. The 20,000-pound capacity trunnion wheels distribute the load for smooth, efficient blending, and the solid construction assures years of dependable service.

The modular design allows easy add-ons creating a system with a variety of hopper sizes. Layco offers liquid impregnation add-ons for existing Batch Blender Systems. Batch Blender Liquid Impregnation Systems are available for the Layco Tapered Vertical or Rotary Drum. The Tapered Blender Impregnation Ring comes in 34 stainless steel and mounts through the top of the blender.

Tapered Vertical Blend Systems

The Tapered Auger Vertical Blend System features an innovative flat-front design for lower dump height, a larger loader hopper for more efficient loading, and a lower center of gravity for better stability.

The flat-dump side allows more space for dumping and the motor mount, offset at an angle, also allows for space efficiency. The tapered auger provides more consistent blends. This high-quality blender is available in 6-, 8-, 10-, 13- and 16-ton capacities.

Single-Unit Open Top Blend System

The Single-Unit Open Top Blend System blends more quickly than most conventional and competitive blenders. The Yargus original blender is simple to operate and unloads rapidly in four different directions.

- 5- and 6-ton models feature a single auger
- 8- and 10- ton models feature a double auger
- 15-ton models offer larger hoppers with a double auger

Our wide range of blending options can be custom designed for powder, specialty fertilizers and liquid coatings.

THE WAY FORWARD: AUTOMATION

At AGI, we recognize that tight timelines for application have led to the need for higher speeds, enhanced efficiency, and increased return on investments (ROI). As a result, there is a need for more flexibility and precision that can only be achieved through an automated batch blending solution.

Batch Blending Automation offers the following features over traditional batch blending systems:

Safety:

A user defined time delay allows the Drum to come to a complete stop before reversing to prevent damage from torque on a high inertia load. Each Drum can be

individually set to each individual customer's needs and tailored for the size of the Drum.

Remote Operation:

Our Layco Pro Automation gives the customer the ability to run the Rotary Drum from a tablet or phone using either IOS or Android devices.

Efficiency:

Layco Pro Automation allows one operator to run the entire system from the cab of a loader. The operator can choose to let the Drum mix and then discharge on its own from a single start command. This includes running impregnation pumps into the blend

without having to turn it on by hand and then watch and wait to shut it off.

Inventory:

Receiving and Blending can be tracked through Layco Pro Automation Inventory Software. Once the operator runs a batch, they can send the inventory that was batched back to the PC to keep track of inventory used.

Equipment feedback:

Operators can see notifications for E-stops, faults, and run status for the equipment.

ACT NOW

Strengthen and optimize your operations with AGI Fertilizer Systems. Contact us or learn more at <https://www.aggrowth.com/en-us/brands/yargus/batch-blending> about how our automated batch blending solutions can be customized to meet your needs.