



DECLINING WEIGHT BLENDING SYSTEMS

At AGI, we understand that innovation, customization, and top-notch customer experience are all important components in making our customers successful. The AGI Yargus Declining Weight Blend System (DW System) has revolutionized the fertilizer blending industry, allowing for all sizes of facilities to benefit from our commitment to advancing agriculture technology to meet our clients' needs.

The DW System: A Rich History

Yargus was the founder of the DW System. In 1979, Lloyd Yargus invented the first open top blender in response to a need he identified for improved fertilizer blending. He was not alone in seeking a tool that would enable increased speed and a more even product flow. As the Yargus brand produced this innovative equipment to meet the growing demand from facilities across the U.S. and abroad, they continued to refine the blending system until they came up with the declining weight system. In 2016, with a deep appreciation for Yargus' rich history and wealth of experience, we acquired the company to advance Agtech and better serve our customers. Together, we have further developed the DW System to become the fastest, most accurate, multi-feed blend system on the market.

THE AGI YARGUS DW SYSTEM OF TODAY

Engineered for durability and low maintenance, today the DW System boasts features such as a 304 stainless-steel base construction, continuous blending, variable speed control, 99.5% accuracy and unlimited versatility.

The stainless-steel base is ideal for handling corrosive materials and is easy to clean and service. Facilities using this system can add numerous products to the blend, including liquid or powder coatings. The DW System offers rotary valve, flat wire chain and metering augers that have the capacity of metering in ounces-per-minute up to tons-per-hour.

The hoppers have a modular design, which means that it can be tailored to fit any size facility. The modular design allows easy add-ons, creating a system with a variety of hopper sizes, from 1.5-ton to 30-ton capacity. Additionally, the hopper design promotes an even flow of product.

The DW System passed the rigorous testing to become NTEP certified.

THE AUTOMATION ADVANTAGE

At AGI, we have an industry leading automation team, consisting of dedicated in-house technicians who have developed the unique DW software program. We provide controls for operating facilities with automated systems to meter, measure, and blend fertilizers. This allows for a single operator to run an entire blending plant from an iPad.

The blend formulation from an agronomist simply needs to be entered into the electronic keypad. The PLC computer sends the rate information to the proper rotors, then continuously monitors the RPMs to ensure accurate blends.

Unlike other automated blending systems on the market, the DW system provides an array of enhancements, in addition to the remote operational capabilities. The system offers diagnostics, reporting and software updates through a dedicated ethernet connection.

THE FUTURE IS DIGITAL WITH AGI SURETRACK PLANT MANAGER

AGI SureTrack Plant Manager is the result of combining 30+ years of fertilizer system automation functionality. By combining the functionalities of Junge Control and Yargus Manufacturing software suites, we have a unified, comprehensive automation platform that covers all your liquid and dry fertilizer blending needs.

AGI SureTrack Plant Manager makes it possible for employees, who are trained in one area, to be familiar with others due to the single platform. This allows for multiple employees to operate locations in the case of untimely personnel absences. The modular design improves efficiency and leads to increased ROI due to reduced training efforts and greater employee productivity.

ACT NOW

The AGI Yargus' versatile, fast, and accurate Declining Weight Blend System has truly changed the face of the fertilizer blending industry.

Improve your facilities and strengthen your operations with AGI Fertilizer Systems. Contact us or learn more at aggrowth.com/fertilizer about how our DW system can be customized to meet your needs.