



GRAVIMETRIC AUGER BLENDER

BATCH GRAVIMETRIC BLENDERS FOR MOST FREE-FLOWING MATERIALS

The SGA Series gravimetric batch blending system features precision auger metering of all ingredients and can be used for regrind, powder and difficult or hard-to-meter materials.

Key in a recipe and start the unit. Operating parameters are preset. When the level in the mixer drops below the level switch, the weigh hopper will zero. Each ingredient is then accurately metered and weighed. When the weighed batch is complete, all ingredients are discharged into the mixer.

Features

- Easy material clean-out and changeover
- Precision 1/10% of span offset cantilevered load cells
- Cast aluminum feed auger assemblies with stainless steel augers
- Spun material supply hoppers with sight-glass
- "HC" style mixer with removable polycarbonate door
- Adjustable mixing time

Advantages

- Superior batch control up to 1/10 of 1% accuracy for each blended component
- Consistent feeding of difficult materials



SGA-012
Gravimetric
Batch Blender



Integrated Blending Control System

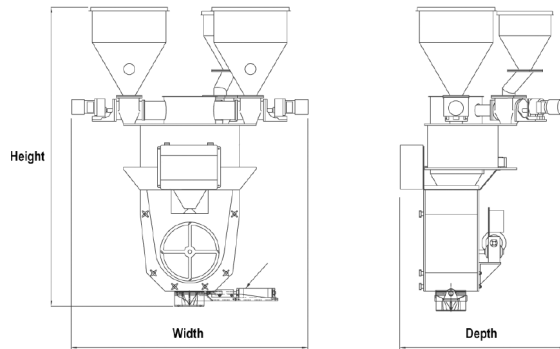
Sterling's new Mitsubishi PLC-based blender controller provides state-of-the-art process control at your fingertips. Operator-friendly controls simplify operation, store up to 50 recipes and provide unmatched metering accuracy for up to six ingredients, especially below 1%. The touch-screen interface displays user-friendly, menu-driven interface screens for complete control and monitoring of any batch blending operation. A serial printer port and an optional Ethernet port are available.

Features

- Touch-screen interface in a remote-mount enclosure
- Two screens allow total control and monitoring of the blending process
- Display of actual material used



Programmable entry screens for all three recipe modes (up to six components)



Model	Max. Rate lbs/hr	Max. Rate kgs/hr	Width	Depth	Height
SGA-002	100	45	38"	31"	33"
SGA-012	400	180	58"	33"	46"
SGA-060	3000	1360	64"	40"	77"



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