

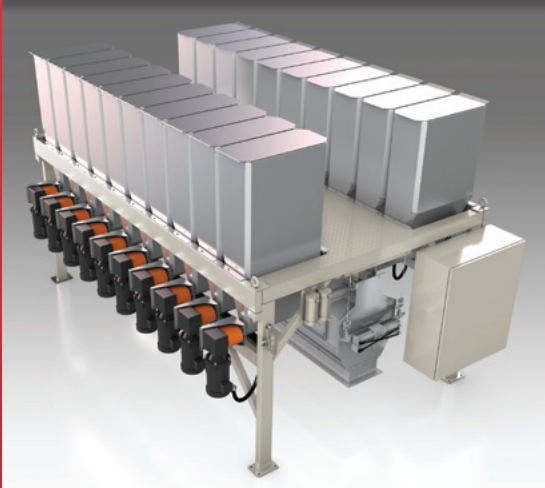


BETA RAVEN
Your Automation Partner

Scale Systems

Micro and Minor Ingredient Scaling

Always Precise Weights



Micro Scale with Rollover Hopper

Rollover hoppers are tub-shaped hoppers that discharge quickly and are very accurate. The hopper is enclosed by a shield that reduces air movement, which may affect the scale and cause inaccurate readings.

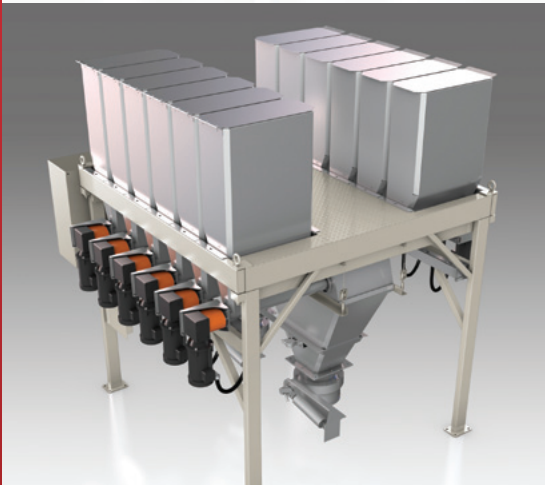
Number of Ingredients: 6 to 24

Average Draw Weight: 1 to 10 lbs

Bin Capacity: 6, 8, 10 cu/ft

Scale Display Resolution: .02 to .1 lbs (based on environment)

Hopper Capacity: 3.0 to 9.5 cu/ft



Micro Scale with Funnel Hopper

Funnel hoppers have larger volumetric capacities but are slightly less accurate than the rollover style. This is the most popular hopper style. Typically used in bakeries or feed mills where very large batches are desired.

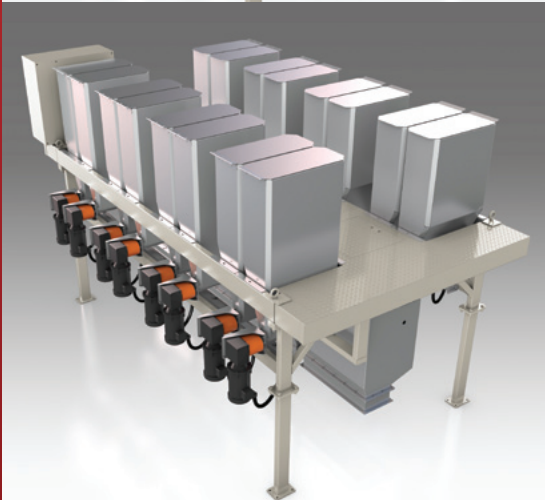
Number of Ingredients: 6 to 24

Average Draw Weight: 2 to 20 lbs

Bin Capacity: 6, 8, 10 cu/ft

Scale Display Resolution: .05 to .1 lbs (based on environment)

Hopper Capacity: 6.0 to 18 cu/ft



Micro Scale with Compartment Hopper

Individual compartment hoppers allow for high-speed weighing, small-batch weighing, or ingredient segregation (to prevent cross-contamination) depending on the configuration.

Number of Ingredients: 8 to 20

Average Draw Weight: 1 to 10 lbs

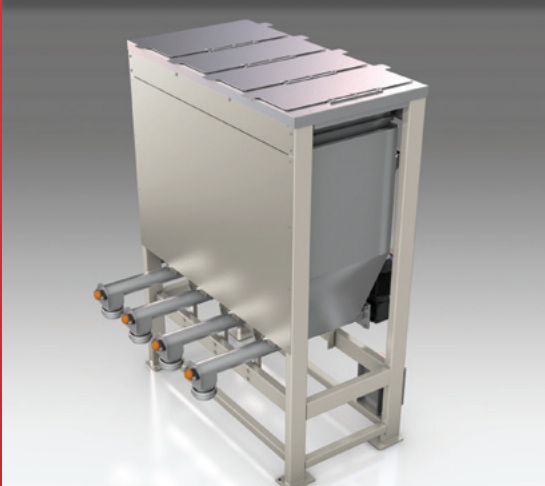
Bin Capacity: 6, 8, 10 cu/ft

Scale Display Resolution: .01 to .02 lbs (based on environment)

Hopper Capacity: 4.0 to 10 cu/ft



Always Precise Weights



Loss-in-Weight Micro

The typical installation calls for daily usages of under 500 lbs and cycle draws between .1 and 20 lbs. The difference between the Loss-In-Weight and the Micro Scale is that the Loss-In-Weight bins provide continuous weighed inventory and multiple simultaneous draws.

Number of Ingredients: 4 to 100

Average Draw Weight: 1 to 10 lbs

Bin Capacity: 6 cu/ft

Scale Display Resolution: .05 to .1 lbs (based on environment)



Bulk Bag Minor Scale

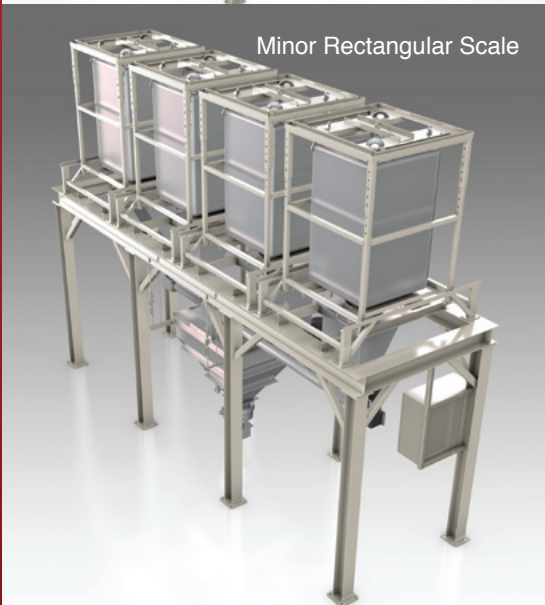
MinorMaster allows you to directly use bulk storage bags in place of ingredient bins. These bags are supported over the scale on removable rack frames. This method eliminates lifting of heavy 50- and 100-pound paper bags.

Number of Ingredients: 2 to 6 Bulk Bags or 4-10 Metal Bins

Average Draw Weight: 1 to 10 lbs

Bin Capacity: 6, 8, 12 cu/ft bins or 50 cu/ft bags

Scale Display Resolution: .1 to .5 lbs (based on environment)



Minor Rectangular Scale

Available Options:

- Refill Bin Lids w/6" Flange Inlet & Center Hinge
- Bin Level Sensors
- Bin Vibrators
- Freestanding or Drop-Through Frame
- Lid Lock Systems
- Dust Collection Hoods
- Batching Automation
- Speed Control (Direct, Remote I/O, Integrated)