

CM Series

Net Weigh Scale Systems

The CM series scale uses one of the feeders pictured below to fill a double door weigh hopper to pre-weigh the product before it is discharged. The bulk density and target weight of your product will determine the weigh hopper size, which is offered in several sizes. This scale comes with a complete pneumatic system consisting of air cylinders, valves, and filter regulator, lubricator assembly and the weighing load cells and valves. It also includes a transition to connect to a bag clamp assembly or into other automated equipment.



2 Position Gravity Gate Feeder

2 position gravity gate for bulk and dribble feed, with 8" x 10" (20 x 25 cm) inlet. Available with pneumatic actuator (as pictured above) on gravity gate feeder to adjust open bulk position or with high output gravity gate (HOGG).

Products	Free Flowing Grain, Seed, Prilled Fertilizer
Weigh Range	10-110 lbs. or 5-100 kg
Cycle Speed (simplex)	13 bpm (50 lb. or 25 kg)
Cycle Speed (duplex)	22 bpm (50 lb. or 25 kg)
Typical Accuracy	±2-3 oz. or ±56-85 g

Gravity Gate/Vibratory Feeder

Single position gravity gate for bulk feed with 8" X 30" flat pan vibrator trough for dribble feed. Picture below is shows feeder without pant-leg diverter which divides product flow between the two sections from large hopper.

Products	Free flowing: Flakes, Seed, Grains, Granular Chemicals
Weigh Range	10-110 lbs. or 5-100 kg
Cycle Speed (simplex)	12 bpm (50 lb.) or 10 bpm (50 kg)
Cycle Speed (duplex)	20 bpm (50 lb.) or 18 bpm (50 kg)
Typical Accuracy	±1 oz. or ±28 g



CM Series

Net Weigh Scale Systems

Single Vibratory With 2-Speed Feed Rate

18" x 36" x 6" (45 x 106 x 15 cm) Heavy duty vibratory pan feeder. Electromagnetic feeder with 2-speed rate controller.

Products	Granular: Marble Chips, Stone, Aggregate
Weight Range	10-110 lbs. or 5-100 kg
Cycle Speed (simplex)	13-15 bpm (50 lbs. or 25 kg)
Cycle Speed (duplex)	22-25 bpm (50 lbs. or 25 kg)
Typical Accuracy	±4-6 oz. or ±100-200 g



Belt Feeder With 2-Speed Feed Rate

Belt feeder has 2-speed belt with 18"x10" (45 x 25 cm) inlet (18" x 15" [45-38 sm] for soil). It also comes with variable speed controller optional, pneumatically operated depth regulator.

Products	Semi-Free Flowing: Textured Feed, Cubes, Soil
Weight Range	10-110 lbs. or 5-100 kg
Cycle Speed (simplex)	13 bpm (50 lbs. or 25 kg)
Cycle Speed (duplex)	22 bpm (50 lbs. or 25 kg)
Typical Accuracy	±2-3 oz. or ±56-85 g

Twin Auger, Variable Speed Drive with Pneumatic Slide Gate

Each auger is a 6" (15 cm) variable pitch speed unit with 1/8" (3 mm) or finer clearances. The augers are offset 50% so that the flow rate of the entire system is more uniform than the flow rate of any single auger feeder. The augers are controlled by 3.0 hp motor. A 5.0 hp variable speed drive is also provided. A wide range of speeds are available for different products.

Products	Fluid Type Properties: Flour, Whey, Starch,
Weight Range	10-110 lbs. or 5-100 kg
Cycle Speed (simplex)	8 bpm (50 lbs. or 25 kg)
Cycle Speed (duplex)	15 bpm (50 lbs. or 25 kg)
Typical Accuracy	±2-3 oz. or ±56-85 g

