North Valley
AG & MILL EQUIPMENT

Model S-6 Cascading Scale System

SCALE SYSTEM

The model S-6 cascading scale system is designed to fill harder to run products such as crackers, chips and other non-free-flowing or irregularly shaped products. A very accurate and easy to use control system monitors the product depth in the lower pan allowing for consistent filling. The S-6 utilizes many of the same systems found on our S-4, including the Logical Controller II, for reliable, hassle free operation.

LOGICAL MACHINES

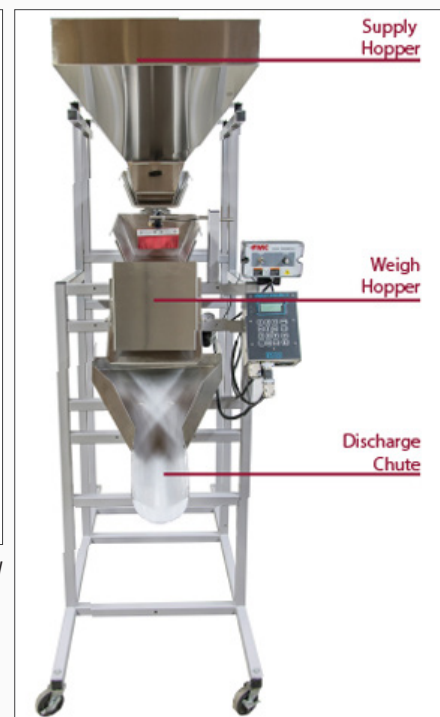Model S-6 Cascading Scale System

STANDARD FEATURES:

- Cascading feed pans
- Self-adjusting controller
- Reads out to 0.10 gram or .001 lbs.
- Controller range up to 75 lbs.
- All product surfaces 304 stainless steel
- Discharge Chute
- Includes Standard Chassis:
  Powder Coated
  Footprint 7.5 sq.ft., 74.5″ high
  4 locking casters
- 120V, 60Hz (240V, 50Hz option)
- Designed for difficult products of irregular shape
- Handles all dry bulk products from powders to large parts
- Compatible with all bags, rigid containers, bagging machines and conveyors
- Automatic tare adjustment
- On-the-fly, self-adjusting bulk & dribble speed control
- Up to 800 fills/hour

SPECIFICATIONS:

- Overall height: 6'3″ (75″), occupies only 24″ x 48″ of floor space
- Supply Hopper capacity: 3.5 cu.ft. (equivalent to 5 five-gallon pails)
- Scale Total Weight: 240 lbs.
- Power Requirement: 7 Amps, 120 Volts AC 60Hz
- Air Requirements: <0.25 cfm air supply at 30psi
- One year limited warranty

Supply Hopper

Weigh Hopper

Discharge Chute

side view

Supply Hopper

Weigh Hopper

Discharge Chute

front view

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Featuring
SMART Mode
Just 3 simple steps to set up your Logical Scale.

The Exclusive SMART Mode Controller gets you filling product in a matter of minutes!

The Logical Controller II:
The brain that makes it easy!

The Logical Controller II has been developed to provide accurate weight measuring for a wide variety of free flowing materials. With our proprietary software and state-of-the-art micro processor technology, the Controller is the "brain" of our highly adaptable and cost-efficient scales.

- The controller is accurate down to .001 lbs, or 1 gram, and it can handle weights up to 75 lbs.
- The controller can set itself up and automatically learn the characteristics of your product for maximum speed and accuracy.
- Speed and accuracy are maintained during every fill cycle by the Controller's ability to self-adjust on-the-fly.
- The Controller is a modular, plug-and-play system. In the unlikely event that you should have a problem with your Controller, the solution is only one overnight shipment away.

- **Quick Calibration:** Just two steps to perfect calibration: Enter Tare Mode, place known weight on scale, enter the known weight on the controller, and the controller is calibrated to the scale.

- **Menu Based Display:** The controller has a menu driven setup system so the steps involved in inputting job parameters is clear and intuitive.

- **Home Key:** When programming the controller, if you make any type of input error, simply hit the "Home" key and you can easily start over.

- **Store Up to 99 Jobs:** If you're constantly going back and forth from job to job, the controller will store up to 99 different jobs, so switching jobs is simple.

- **All Job Parameters are Saved:** In "Auto" mode the controller will store all job variables even when the machine is off. No need to reprogram from job run to job run.

- **Plug And Play:** Just plug this controller in and in seconds it is ready to program to your specific job.

- **LED Readout Indicates Accuracy of Weight:** Provides a visual indicator of the accuracy of the weigh-fill. Green means the weight is within the tolerance you've programmed. Red LED means the weigh-fill is off weight.

- **Auto Dumping Feature**: Set the controller to "Auto Dump" and when the right weight is reached, the machine will dump the material with out you having to trip the foot switch.

- **Reporting Feature:** After 5 machine cycles, press 9 and the readout will show the final weights and cycle time for those 5 cycles. This gives you a visual readout of the accuracy of the machine setup.