

## Model S-4 Automatic Scale System

SCALE SYSTEM

The Model S-4 Semi-Automatic Scale System is a great first step to take your business from hand scooping to automation. Your bulk product is placed in the supply hopper at the top of the machine. The S-4 uses an electromagnetic vibratory feeder to move the product from the supply hopper to the weigh hopper where it is weighed. When the target weight is reached, the Controller stops the feeder, and the weigh hopper opens automatically or with the foot switch to dump your product into your container. A new fill cycle is started and your filled bag may now be sealed.

### STANDARD FEATURES:

- Self-adjusting controller
- Reads out to 0.10 gram or .001 lb
- Controller range up to 75lbs.
- Supply Hopper cap. 3.5 cu.ft. (equivalent to 5 five-gallon pails)
- Includes Standard chassis:
  - Powder Coated
  - Footprint 4.6 sq.ft., 67" high, 41.5" high Table Top model
  - 4 locking casters
- All product contact surfaces 304 stainless steel
- 120V 60Hz (240V 50Hz option)
- Handles all dry bulk from powders to large parts
- Can be used with all bags and rigid containers
- Automatic tare adjustment
- On-the-fly, self-adjusting bulk & dribble speed control
- Up to 800 fills/hour

### SPECIFICATIONS:

- Overall height: 68"(41.5" Table Top model) occupies only 22" x 30" of floor space
- Supply Hopper capacity: 3.5 cu. ft. (equivalent to 5 five-gallon pails).
- Scale Total Weight: 135lbs.
- Power Requirements: 2 amps, 110 volts 60Hz AC
- Air Requirements: <0.25 cfm air supply at 30psi
- One year limited warranty



Model S-4  
Automatic Scale  
System with  
Floor Stand



The Model S-4 Table Top stand model is built to accommodate situations where floor space might be limited. It's the exact same machine as the Floor Stand model, but shorter!

AUTOMATIC SCALE SYSTEM



### 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.

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!

**AUTOMATIC SCALE SYSTEM**