

# S-4 Semi-Automatic Scale System

- Self-adjusting Controller
- Reads out to 1 gram or .001 lb
- Controller range up to 10lbs.
- Supply Hopper capacity 3.5 cu.ft. (equivalent to 5 five-gallon pails).
- Includes powder-coated chassis (stainless steel optional.)
- All product contact surfaces stainless steel
- Footprint 4.6 sq.ft., 68" high
- 120V 60Hz (wall outlet); (240V 50Hz optional)
- Handles any free-flowing dry bulk products
- Can be used with any bags or rigid containers
- Automatic tare adjustment
- Self-adjusting bulk & dribble speed control
- Up to 800 fills/hour



## Information:

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.

**Example:** To run a relatively free-flowing product into a 1lb. package, the product is loaded into the hopper, and the target weight is set at 1lb. After starting the first fill cycle with the foot pedal, the Controller will enter into “learn mode” for the first cycle. During this time the controller tests the flow characteristics of the product and decides the best speeds and durations for bulk and dribble. The Controller will automatically change the vibratory feed from bulk to dribble and stop the scale at 1lb. The bag is removed and sealed. Each successive container is now filled by placing it under the funnel and depressing the foot pedal.

## **Specifications:**

- Overall height: 5’8” (68”), occupies only 23” 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, 120 volts 60Hz AC
- Air Requirements: <0.25 cfm air supply at 30psi