

Operation

AG106-LS gross weigh bagging scale

1. Viewing the “Ready” screen of the “finger”, make sure that the live weight is close to 0.0, if it is not press the “Set” button, this will manually zero the sale. If the “finger” will not allow you to view the ready screen, then the scale could be too far off of calibration because of shipping and installation. Refer to the calibration procedure in the manual.
2. While viewing the 0.0 number, have some one pull down on the scale bucket, make sure that this live weight raises to at least 30% higher than your heaviest bag weight. If it does not refer to transmitter and then calibration section of your manual.
3. Have product in the surge bin above.
4. Compressed air and electricity turned on.
5. Turn the “Main Power” switch to the on position, located at the control pedestal.
6. Set the “Desired Weight” selector switch to the proper weight.
7. Press the “Change of Product” button.
8. Hang a empty bag onto the bag spout and press the foot pedal. Immediately release your hands from the bag, after a 2 second delay that bag weight will be zeroed off, make sure that once the bag is clamped you do not touch it again until it is completely released from the clamps and onto the conveyor below.
9. The auger will begin bringing product into the bag as it is weighing it. When the bag is up to desired weight it will stop.
10. If the finished bag weight is within tolerance the clamps will automatically release the bag. If it is out of tolerance, the digital display will show high or low. (See your manual for high and low setting).
11. If a bag is high or low press the “Manual Discharge” button to release the held bag.
12. As soon as a bag is released, the digital display will then show that bags weight.
13. Run 3-4 bags, if the weights are not in tolerance, then you may need to adjust the “CP Target Wt.” (See your manual) For example: if the first bag after pushing the “Change of Product” comes up heavy or light, then go to the “CP Target Wt.” and change it to that same amount. However, it is important that the first bag comes up a little heavy than light. Keep in mind, your have to push “Change of Product” after changing the “CP Target Wt.”.
14. Once you have this set, is should be Ok for all the different products that you may run.
15. When the surge bin above the scale is empty, and you have a partial bag suspended, press the “Manual Discharge” button, this will stop the cycle and release the bag. Do not use the “Main Power” switch to stop a cycle. At the end of the day then turn the “Main Power” switch off, preventing start up.

If your “Fill Times” are not correct you may need to adjust a parameter in the VFD.

Note: Because of shipping, you will need to recalibrate the scale before production begins.

Installation Instructions

Note: When handling the scale, do not drop or jar the scale in any way.

This will seriously damage the weighing process.

**All Johnson equipment is thoroughly tested in our facility,
and is shipped out without any problems.**

1. Place the bagging scale in the location that you desire and connect the surge bin above. The angled side of the surge bin goes towards the front of the bagger.

It is extremely important that no steel to steel is touching any portion of the bagging scale to any other structure. This does and will cause weighing problems.

1. Be sure not to side load the load cell, this will cause serious damage to the load cell.
2. After the spout is connected to the load cells connect the air lines. One of the air tubing is marked "1" along with one of the fittings. The other is marked "2".
3. Place the control pedestal in a position that will be easy for the operator to access.
4. Place the bag closing conveyor below the bag spout, make sure that as the largest bag is suspended from the bag spout that it does not touch the conveyor. This is extremely important.
5. Connect 460 VAC three phase to the terminals marked "460" found inside of the rear enclosure. There are no electrical connections to be made inside of the control pedestal.
6. Connect a "Earth Ground" to the ground lug provided (utility earth ground).
7. Apply the compressed air to the regulator provided, set to 80 PSI.

Johnson model AG106-LS

Electronic gross weigh bagging scale

Serial #:

Sold to:

Shipped to:

Purchase date:

Drive voltage: 460 VAC three phase.

Control Voltage: 120 VAC single-phase, transformed from internal transformer.