

KSi AutoTreat V3.0 Start to Finish

- 1. Setup AutoBatch Parameters (same as before)**
- 2. Setup AutoTreat Parameters**
- 3. Seed Source Setup**
 - a. Seed Wheel calibration weight
 - b. Setup Bin Parameters
 - i. Capacity; Bin Fill Amount; Seed ID; Lot ID; seed cal weight (not required if AB only)
- 4. Customer Setup**
 - a. Insert customers into customer management tool
- 5. Recipe Setup**
 - a. Insert Recipes into Recipe Management tool
- 6. Setup Seed Sources on Order Page**
 - a. Lets you select the seed source when you are entering your order
- 7. Pump Setup (pump stand video)**
 - a. Calibrate Pumps
 - i. 180 sec run, twice a day
- 8. Setup Order (AT Only)**
 - a. Select Customer
 - b. Select Seed ID, Select Seed Amount, Select lbs/min rate to treat
 - c. Select Recipe
- 9. Run Job**
 - a. Start Job (Master Start)
 - i. Scale fill conveyors will start and bin gate will open
 - ii. Scale will fill to desired weigh
 - iii. The scale fill conveyors will turn off
 - iv. Treater fill conveyor will start and scale gate will open to move seed to treater inlet hopper
 - v. Once the seed reaches the treater inlet high level, the scale gate will close and the treater fill conveyors will turn off
 - b. Begin Treating – Once treatment is ready and pump lines are primed press continue
 - i. Discharge conveyor and treater drum will turn on
 - ii. Once drum has reached speed the seed wheel will turn on and the system will begin treating
 - iii. The treater fill conveyor will turn on and the scale gate will open to keep the treater inlet hopper full
 1. It is best to set the manual scale control chute so that the scale discharge rate closely matches your treating rate to minimize conveyor cycling on and off

- c. Continue Treating
 - i. Once the scale is empty and the treater inlet low level no longer senses seed the treater will go into cleanout mode
 - ii. When the next batch is ready to treat, the treater will start back up and continue treating
- d. Job Complete
 - i. Once the last batch for the job has been treated, the treater will begin to clean out for the final time
 - 1. Drum will shut down and then run in reverse for a preset amount of time
 - 2. The load out conveyors will run for a preset amount of time and then shutdown (assuming Auto Discharge is enabled)
 - 3. A pop up box will appear asking for the operator to confirm that the treatment is complete for this order
 - 4. Press the complete button and the system will know that the job is completely finished
- e. Return home and print ticket
 - i. Ticket is printed and Job is logged to USB Drive if this is enabled and USB drive is plugged in
- f. For next order, repeat steps 9-10