Cement Spreader Quick Start Guide

Filling The Spreader:
1. Close the rear gate
2. Close the butterfly valve on the bottom of the filter can (if equipped) or open the lids over the pop up bags and pull the bags out.
3. Connect the fill hose and begin to fill.
4. Keep line and tanker pressure below 8 psi.

Spreading in Automatic Mode:
1. Set your desired spreading rate in pounds per square yard (kg/sq meter) in the console.
2. Hold the Open Gate button until the gate gets to about 8-10 inches (200-250 mm) for a typical rate.
3. Enable Auto Mode.
4. Press Start. The spreading auger will turn on automatically. Note: PTO must be engaged!
5. Start driving. The drag chain will start discharging material when the truck starts moving.
6. Keep an eye on the "Alarms" section of the display. If it says "OVERSPEED", the hydraulic system cannot keep up. Select a lower gear, raise the gate, or select a lower target spread rate.
7. Press Stop when done spreading.

After spreading, visually check to see if the depth of material is uniform from edge to edge. Adjust the openings in the cross auger to achieve a uniform spread pattern.

Openings should be wider at the outside of the auger

Calibrating the Spreader:
This spreader is calibrated by changing the Material Cal Number in the Auto Mode Setup screen.
1. The spreading auger must be manually adjusted to achieve a level spread pattern. Do a few short test runs and adjust the openings in the auger to achieve a full width, level spread pattern.
2. Place the 1 sq.yd. tarp about 30 feet in front of the spreader.
3. Spread over it while in Auto Mode.
4. Weigh the loaded tarp with the hanging scale.

If the application rate is not correct, change the Material Cal # according to the following formula:

$$\textbf{New Material Cal \# = Current Cal \# x } \frac{\textbf{\underline{Actual Application Rate (Amount on Tarp)}}}{\textbf{Desired Application Rate}}$$

Alternatively, if you have measured out how far you expect your load to spread, you can use the following formula:

$$\textbf{New Material Cal \# = Current Cal \# x } \frac{\textbf{\underline{Expected Distance}}}{\textbf{Actual Distance Spread}}$$

Note: Decreasing the Cal # will increase output while increasing the Cal # will decrease output.

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