

OPERATING INSTRUCTIONS

1. PROPER TOPDRESSING

When topdressing, follow the same pattern you would use when mowing. Start with the sections of lawn that are farthest away from the supply source to avoid repeated traffic over the areas that have been topdressed.

Type of Spreading Material:

- Screened compost
- Granular and pelletized products
- Sand
- Soil
- Crumb rubber
- Soil amendments
- Custom blends

2. OPTIMAL OPERATION

Never exceed the maximum load capacity of the Hopper (500 lbs /227 kg). Some substrates (such as sand or soil) are much denser than others, so it is not possible to judge load size visually. The same volume of sand or soil can weigh significantly more than compost. Overloading the Hopper may damage the spreader.

Comparative: Materials and Weights

Material Volume Weight

Compost (60% humidity) 10 cubic feet: 300 lbs

Mix Blend: 50% compost, 50% sand 10 cubic feet: 550 lbs

Sand 10 cubic feet: 800 lbs

3. MAIN USES

The Eco 250 Broadcast Compost Spreader is designed to spread compost, soil amends and seeds for lawn restoration and renovation. To learn more about compost topdressing, please visit our website at www.ecolawnapplicator.com.

OPERATING THE ECOLAWN APPLICATOR

Step 1.

Filling the Hopper

To fill the Hopper, first ensure that the Feed Trap (Figure 1) is properly closed by pulling up on the Feed Trap Lever (Figure 2).

Fill the Hopper with the substrate to be spread. Note: Never exceed the Hopper's maximum load capacity (500 lbs /227 kg); this can damage the machine.

FIGURE 1

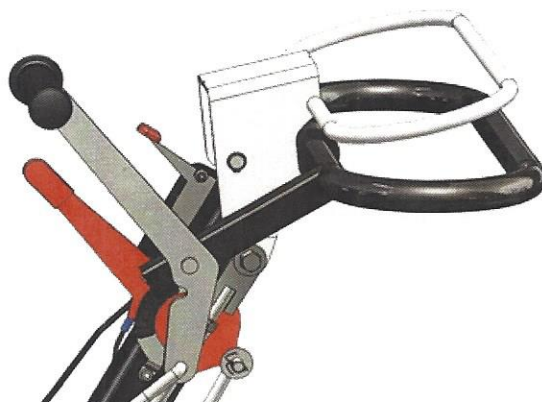
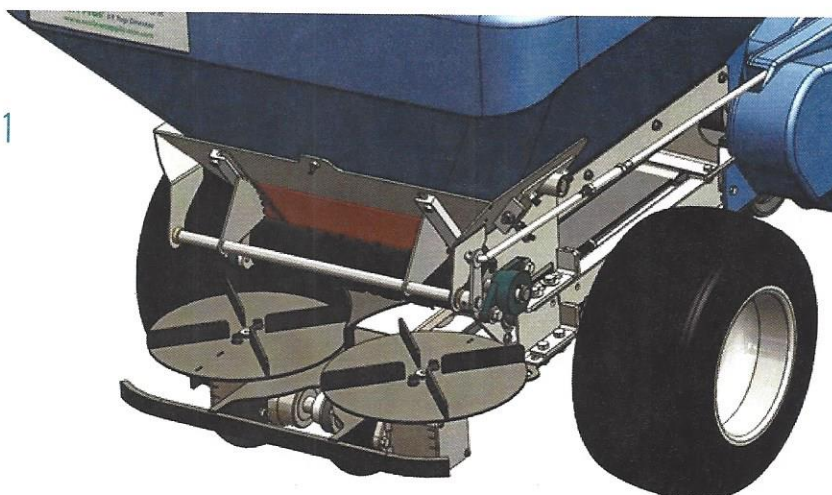


FIGURE 2

Step 2.

Starting the Engine

Before starting the engine, make sure the Conveyor System is not engaged. Be sure that the Conveyor Action Lever (Figure 3) is disengaged and the Feed Trap is properly closed, then start the engine. For additional information about operating or troubleshooting the engine, consult the Engine Manual.



FIGURE 3

Step 3.

Topdressing with a Substrate

After loading the machine, start the engine. In order to spread the substrate, you must open the Feed Trap to desired height. **(Figure 2).**

Pull the Conveyor Activation Lever toward you. Squeeze the Self-Propel Handle **(Figure 4)** to move the spreader forward and spread the substrate.

Note:

The engine's speed determines the ground speed and the width over which the substrate is spread. The height at which the Feed Trap is open determines the thickness at which the substrate is spread.



FIGURE 4

Step 4.

Stopping the Spreader

When the Hopper is empty, disengage the Conveyor Lever to stop the Conveyor Belt. Close the Feed Trap with the Feed Trap Lever. If filling the Hopper again, propel the machine to the substrate source and release the Self-Propel Handle to stop the spreader, turn the engine off, and then refill the Hopper.



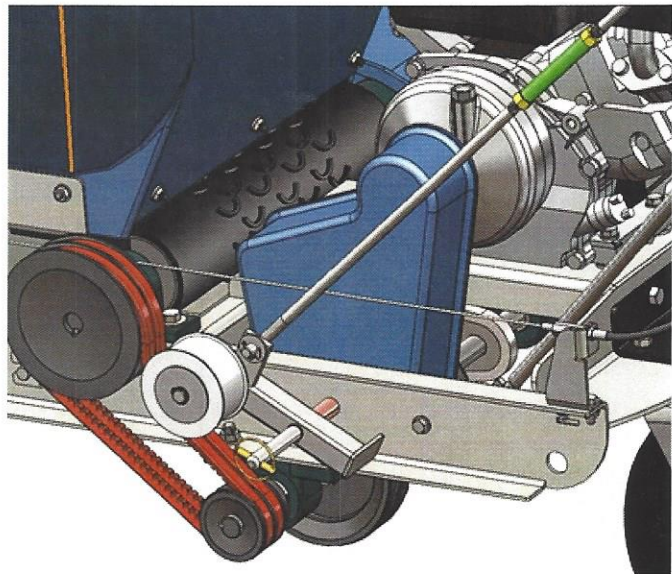
TROUBLESHOOTING AND ADJUSTMENTS

Important: Be sure the engine is turned off before performing any adjustments or maintenance on the spreader.

The most frequently encountered problems involve the Conveyor, but these can be easily resolved with a few simple solutions. Check the following issues for your particular problem, and make the corresponding adjustments as needed.

Issue: The V-belts are slipping. The spreader's Hopper is full. The Conveyor has been activated by pulling the Conveyor Activation Lever toward you, but the Conveyor Belt does not work because the V-belts are slipping.

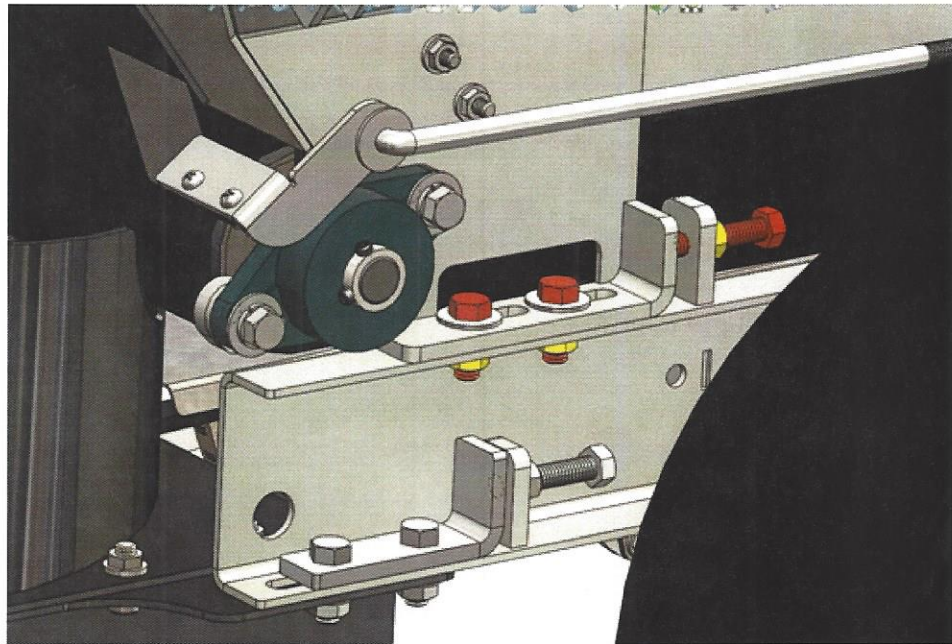
Solution: The V-belts are not tight enough. First remove the guards from the Tensioner and check the tension of the belts, which may be slipping on the pulleys that power the Conveyor Drive Roller. If the tension is incorrect, adjust it by lengthening the Tensioner Rod of the Conveyor Activation Clutch, a few turns at a time, as follows:



1. Loosen the (yellow) Jam Nuts to adjust the tension of the Tensioner Rod.
2. Turn the (green) Top Tensioner Adjuster to increase tension, or clockwise to reduce it.
3. Tighten the (yellow) Jam Nuts to maintain the tension at the proper level.

Issue: The spreader's Hopper is full. The Conveyor has been activated by pulling the Conveyor Activation Lever toward you, but the Conveyor Belt is not turning even though the Tensioner Rod has been adjusted properly and the Conveyor Drive Roller is turning.

Solution: Adjust the Tension Bolts of the Conveyor Belt System on each side, 1/2 turn at a time on both sides equally, to increase the tension on the Conveyor Belt. Do as follows:



1. Loosen the 2 vertical (yellow) nuts on each side of the machine.
2. Loosen the (yellow) Jam Nut and tighten the horizontal bolt to push the Conveyor Roller forward a 1/2 turn at a time.
3. Now tighten down the 2 vertical nuts on both sides to hold the front system in place and tighten the Jam Nuts to lock the Tension Bolts.
4. Test the machine and re-adjust if necessary.

Issue: The spreader does not move forward, or does so only with difficulty.

Solution: An adjustment to the tension of the Activation Arm of the Self-Propel Handle may be necessary:



1. Loosen the (yellow) Jam Nut to release the tension.
2. Turn the (green) Adjustment Collar clockwise to increase pressure, or counter clockwise to reduce pressure.
3. Tighten the (yellow) Jam Nut to maintain the desired pressure.

Issue: The spreader moves forward and the Conveyor works, but the Spreading Disk does not spin.

Solution: To free the disk, turn the machine off, and then turn the Spreading Disk backward manually to remove any debris. Visually inspect the pulleys and clean them as needed. If the pulley used to turn the Spreading Disk is filled with substrate, it may cause the belt to come off. Clean the pulley and the disk, then re-mount the belt on the pulley.

