

OPERATOR'S MANUAL

COMMERCIAL SELF-PROPELLED BROADCAST TOP DRESSER



ECO 250

ECO 250 S

ECO 250 G

RECORD YOUR ECOLAWN SERIAL NUMBER:



SCAN TO
ACTIVATE
YOUR WARRANTY

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2 WARRANTY

Ecolawn Applicator warrants its products to be free from defects in materials and workmanship for **one (1) year** from the date of registered purchase.

Proof of original purchase is required to validate this warranty.

From the registered purchase date, Ecolawn Applicator will replace, **at no cost**, any part of the unit—**excluding the engine**—that is deemed defective in material or workmanship by Ecolawn Applicator or an authorized agent, following inspection.

This warranty **does not apply** to any product that has been subjected to:

- Misuse or neglect
- Improper maintenance or installation
- Modification or use of unauthorized parts or attachments
- Accidents or improper application
- Unauthorized adjustments or repairs

Note: Engines, motors, and accessories not manufactured by Ecolawn Applicator are covered only by the warranties (if any) provided by their respective manufacturers. Ecolawn Applicator does not extend warranty coverage to these components.

2.1 Registration

To activate your warranty, register your Eco 250 Top Dresser online at:

<https://ecolawnapplicator.com/register-your-ecolawn/>



You can scan this QR code on the cover of the manual

2.2 Limitation of liability

Ecolawn Applicator's liability, whether arising from warranty, negligence, strict liability, or otherwise, is strictly limited to **replacement of defective parts**.

Ecolawn Applicator will not be liable for any other injury, loss, or damage—**direct or consequential**—including but not limited to:

- Loss of use
- Lost income or profit
- Increased operational costs
- Damage to or spoilage of substrate

Any use or operation of the Eco 250 Top Dresser in a manner **not expressly permitted** by the Operator's Manual, or the performance of unauthorized modifications, **will void the warranty**.

2.3 Parts, Service and Warranty

For all warranty claims, replacement parts, or service inquiries, contact your **local authorized Ecolawn dealer**.

Note: Ecolawn Applicator reserves the right to make changes to the design or construction of its equipment without obligation to apply those changes to previously sold units.

This manual is considered a **permanent part** of the Eco 250 Top Dresser and should remain with the unit at all times.

Replacement manuals are available on the website at:

<https://www.ecolawnapplicator.com/>

On the individual product pages.

2.4 Have questions ?

For further assistance, contact Ecolawn Applicator:

By Phone: 1-866-326-5296
By E-mail: info@ecolawnapplicator.com
Online at: www.ecolawnapplicator.com

3 EC DECLARATION OF CONFORMITY



EU DECLARATION OF CONFORMITY

Declaration Ref. No.: TF2362 – EU DoC 1.0

Manufacturer: ECOLAWN APPLICATOR
(name and address) 410, Boul. Poirier, Magog, Quebec. J1X 0A1. Canada.

EU Authorised Representative: HERCO MACHINERY, Niels Van Dijck
(name and address) Hermans Company bvba, Ambachtsweg 3, BE-2310 Rijkevorsel. Belgium.

Description of Equipment: Self-propelled, i.e. engine powered, walk-behind, wheeled machine having an open body, to transport and spread materials.

Model / Type: ECO250 / ECO250S /ECO250G

Serial No.: 250 1060

EU Directives: Machinery Directive (2006/42/EC)
Noise Emissions in the Environment Directive (2000/14/EC)

Notified Body: 2000/14/EC (Annex VI) - Státní zkušebna strojů a.s. (NB no. 1016)
(name and address) Třanovského 622/11, 163 00 Praha 6

Harmonized Standards Applied: EN ISO 12100 - Safety of machinery. General principles for design. Risk assessment and risk reduction
ISO 3744 – Determination of sound power levels
ISO 5349 – Measurement and evaluation of human exposure to hand-transmitted vibration.

| Sound Levels – ISO 3744 | | |
|--|---|---|
| Measured Sound Pressure dB (L _{PA}) | Measured Sound Power dB (L _{WA}) | Guaranteed Sound Power dB (L _{WA}) |
| 88 | 97 | 98 |

| Vibration Levels – ISO 5349 | |
|-----------------------------|------------------------------------|
| | Measured value (m/s ²) |
| Hand/Arm | <2.5 |
| Whole Body | Not applicable |

Readings taken with engine at walking pace (3000rpm)

We hereby declare that this equipment fulfills all the relevant provisions of the Directives stated and National Laws and Regulations adopting these Directives.

Person empowered to draw up the declaration: Daniel Côté

Signature:

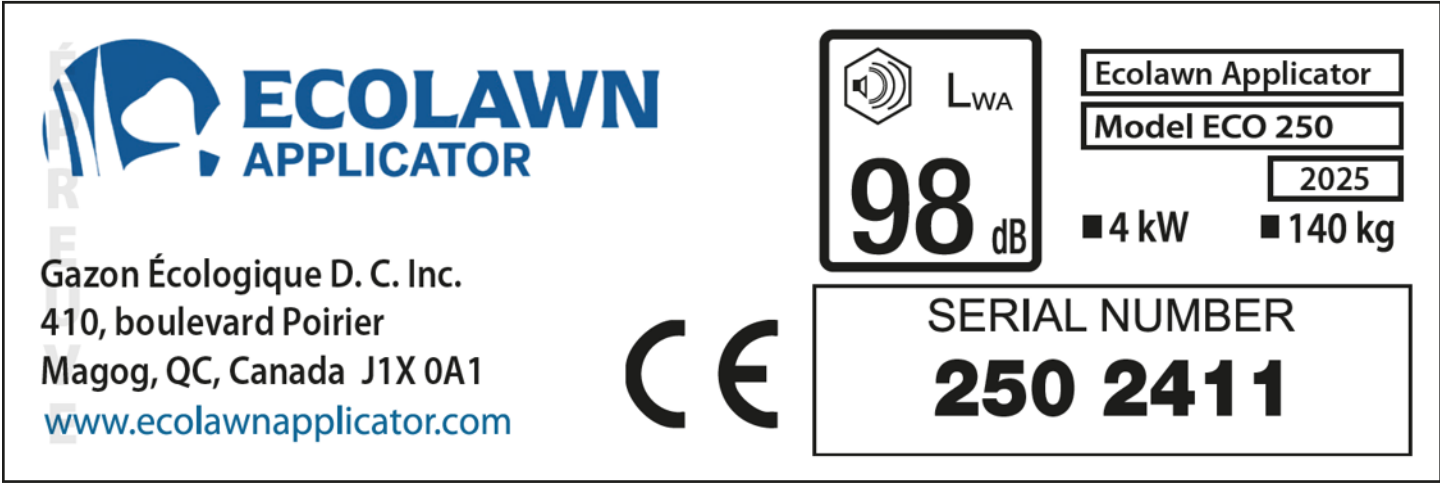
Position: President

Place of issue: Magog, Canada

Date: February 2024

Modifications to the equipment without prior approval will render this declaration null and void.

4 ECO 250 NAMEPLATE



5 SPECIFICATIONS

| | |
|---|--|
| Length: 78 in. / 1.92 m. | Ground Speed: Up to 3.4 mph/ 5.5 kph |
| Width: 34 in. / 0.86 m. | Discharge and Direction: Front and forwards. |
| Height: 40 in. / 1.01 m. | Empty Weight: 310 lbs / 140 kg |
| Hopper Capacity: 11.5 cu. ft. / o.32 cu. m. | Application Thickness: Up to 1/4 in. / 6.35 mm |
| Hopper Weight Limit: 500 lbs. / 227 kg | Driven Wheel Tire Pressure: 24 psi / 165 kpa |
| *Spreading Width: 4-18 ft. / 1.2-5.4 m. | Caster Wheel Tire Pressure: 50 psi / 345 kpa |

*Spreading width may vary depending on the density of substrate used.

6 UNIT DESCRIPTION

6.1 Intended Use

The Eco 250 Top Dresser is a walk-behind, motorized applicator designed for top dressing and land restoration of residential, institutional, and commercial lawns. It is intended to spread **light soil mixes, screened compost,** and other approved substrates.

The operator fills the **hopper** with the selected substrate and guides the unit over the area to be treated. The **ejection system** can be engaged or disengaged as needed during operation.

Key operational features:

- The unit propels forward when the operator maintains pressure on a **spring-loaded drive handle**.
- The **spreading mechanism** is only activated when the unit is in forward motion.
- The **Eco 250 Top Dresser does not have a reverse gear and can only move forward under engine power**.

IMPORTANT: Use the Eco 250 Top Dresser only for its intended purpose. Misuse may result in equipment damage or operator injury and will void the warranty.

6.2 System Composition

The Eco 250 Top Dresser is composed of the following main systems:

- **Main Frame:**
A durable structure mounted on four wheels. The **front wheels** are powered via a **differential transmission**, while the **rear wheels swivel**, allowing smooth steering and maneuverability.

- **Engine:**
Powers all mechanical systems. Engine specifications may vary; refer to the **Engine Operator's Manual** supplied with your unit.
- **Hopper & Conveyor System:**
The hopper stores the substrate. A **conveyor belt** at the base of the hopper moves material toward the **ejection system** located at the front of the unit.
- **Control System:**
Hand-operated controls manage the various functions of the unit. For detailed control information, see the **Controls** section 10.4 of this manual.
 - o **Control 1:** Engages/disengages the drive system—activates forward motion and spins the ejection disk.
 - o **Control 2:** Engages/disengages the ejection system—drives the conveyor and rotates the mixer inside the hopper.
 - o **Control 3:** Opens/closes the feed trap — allows material to drop from the hopper onto the ejection disk for spreading.
 - o **On/Off Switch:** Powers the engine on or off.
 - o **Throttle Control:** Adjusts engine RPM.
- **Transmission & Drive Systems:**
Located beneath the frame, all drivetrain components are enclosed and protected for durability and performance.

7 SAFETY INSTRUCTIONS

7.1 Before Operating

Read and fully understand this Operator's Manual before operating the Eco 250 Top Dresser. A replacement manual is available for free at the Ecolawn Applicator website:

<https://www.ecolawnapplicator.com/support/owners-manual-parts-list/>

Throughout this manual, the following safety labels are used:

- **WARNING:** Indicates a hazard that could result in serious injury, property damage, or death.
- **CAUTION:** Indicates a hazard that could result in minor injury or property damage.
- **NOTE:** Provides important information regarding the operation or service of the Eco 250 Top Dresser.

Always follow all safety instructions—your safety depends on it.

7.2 Operators

WARNING: Never allow children or untrained individuals to operate the Eco 250 Top Dresser. Only properly trained individuals who have read and understood this manual should operate the unit. The operator is solely responsible for safe use.

7.3 Intended driving surfaces

The Eco 250 Top Dresser is intended for use on grass, sports fields, and paved surfaces in residential or park areas.

WARNING: This unit is not intended for use on streets or roadways with vehicle traffic. Doing so may result in serious injury or death.

7.4 Influence

WARNING: Never operate the Eco 250 Top Dresser when under the influence of drugs or alcohol.

7.5 Guards

WARNING: Keep all shields, guards, and safety devices in place. Do not operate the unit if any guard is missing or damaged. Replace or repair guards before use.

7.6 Modifications

Do not modify or alter the Eco 250 Top Dresser. Ecolawn Applicator does not guarantee the function, quality, or safety of modified units. Unauthorized modifications void the warranty. Always use OEM parts for replacements or repairs.

7.7 Safe attire

WARNING: Long pants and safety footwear are required when operating the unit. Avoid loose clothing that may get caught in moving parts. Wearing safety glasses, hearing protection, and a dust mask is recommended—some substrates may pose a respiratory hazard.

7.8 Safety stickers

The following sticker is applied on the Eco 250 Top Dresser. If the sticker is missing, or illegible, replace it prior to operating the Eco 250 Top Dresser. The part number is listed below the image.



Fig 7.8. – P/N: X-0053

7.9 Pictograms



7.10 Inspection

Inspect the Eco 250 Top Dresser before each use. Refer to Section 11.2 for detailed inspection procedures.

7.11 Vibrations

CAUTION: Prolonged exposure to vibration from the engine may cause long-term injury. Avoid extended use without breaks.

7.12 Engine Safety

WARNING: Do not run the engine in confined or enclosed spaces—exhaust fumes are hazardous and can be fatal.

CAUTION: The exhaust system becomes hot during operation. A label near the exhaust warns: "Hot muffler can burn you. Stay away if engine has been running."

See Figure 7.12-1.



Figure 7.12-1

A hot surface warning logo is printed on the metal exhaust cover.

See Figure 7.12-2.



Figure 7.12-2

WARNING: A fuel tank label warns of explosion risk when refueling.

See Figure 7.12-3.

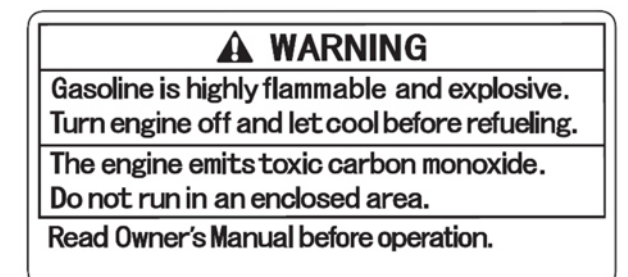


Figure 7.12-3

7 SAFETY INSTRUCTIONS

7.13 Hazard Areas

WARNING:

- Do not stand in front of the unit during operation.
- Crush hazards exist at all times during use.
- Projectiles may be thrown during spreading.
- All moving parts can cause injury or entrapment.

7.14 Hopper

WARNING: Never allow any person in the hopper for any reason—it could result in serious injury or death.

WARNING: Never reach into the hopper while the unit is operating.

NOTE: Do not modify the mixer shaft or its controls.

CAUTION: Do not exceed a maximum load of 500 lbs (227 kg). Overloading may damage the unit.

7.15 Passengers

WARNING: Do not carry passengers. The Eco 250 Top Dresser is not designed to transport people and doing so could cause injury or equipment damage.

7.16 Operating on slopes

WARNING: Do not operate on hills or slopes—there is a risk of tipping, which could result in injury or death.

NOTE:

- If slope operation is necessary, do not exceed a 10° incline.
- Always drive directly up or down the slope; never drive sideways.
- The Eco 250 Top Dresser is not equipped with emergency brakes—use extreme caution and good judgment when operating on inclines.

7.17 Substrate

CAUTION:

- Use only screened substrate free of rocks or debris, which could become dangerous projectiles or damage the unit.
- Some substrates may be hazardous to breathe; use a mask when appropriate.

7.18 Loading

WARNING: Keep clear of the unit when loading substrate with mechanical equipment.

The engine must be turned off before loading material into the hopper.

7.19 Transporting the unit

Engage the brakes on both caster wheels and secure the unit using the four designated tie-down/lift points—two at the rear and two at the front of the frame. See Figure 7.19-1 and 7.19-2.

Turn the fuel valve on the engine to the OFF position (See engine manual).

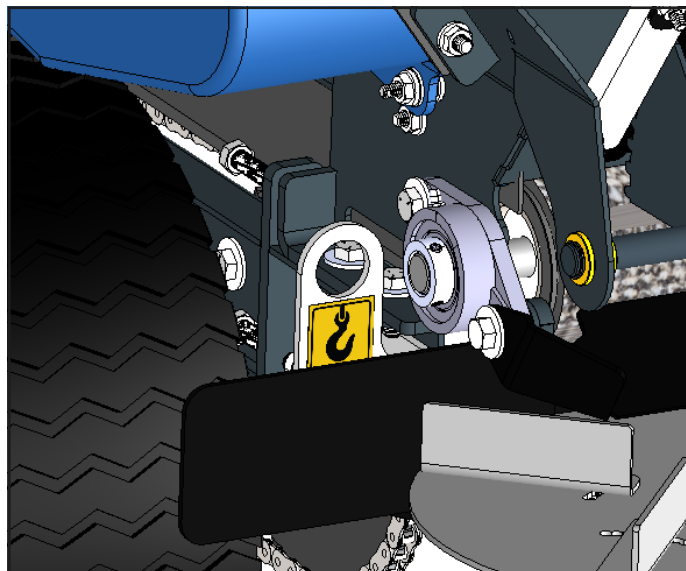


Figure 7.19-1

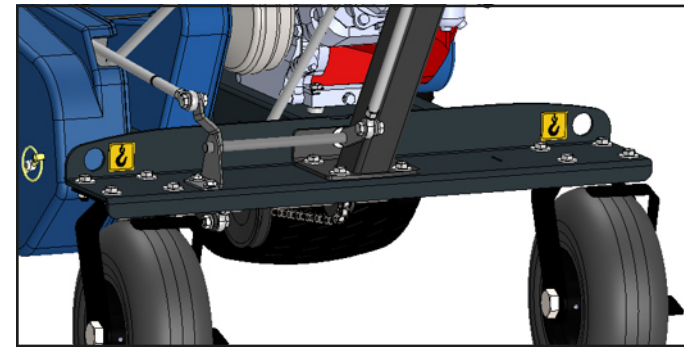


Figure 7.19-2

A sticker at each tie-down point indicates proper lift/secure locations.

See Figure 7.19-3.

Do not lift or secure the unit by any other part.



Figure 7.19-3, P/N: X-0666

7.20 Drive safety

CAUTION: The drive system does **not** need to be engaged to start the engine. Starting the unit with the drive engaged may cause injury or property damage.

8 GENERAL INFORMATIONS

8.1 Labeling and terminology

Record the Eco 250 Top Dresser's serial number on the cover page of this manual for easy reference when contacting a dealer or distributor for service or replacement parts.

NOTE: The terms "right" and "left" refer to the operator's perspective while standing at the steering column at the rear of the unit during operation.

Use only **Original Equipment Manufacturer (OEM)** parts for all repairs and replacements. **Failure to do so will void the warranty.**

Do not modify, misuse, or neglect the Eco 250 Top Dresser.

Any unauthorized modification or improper use will void the warranty.

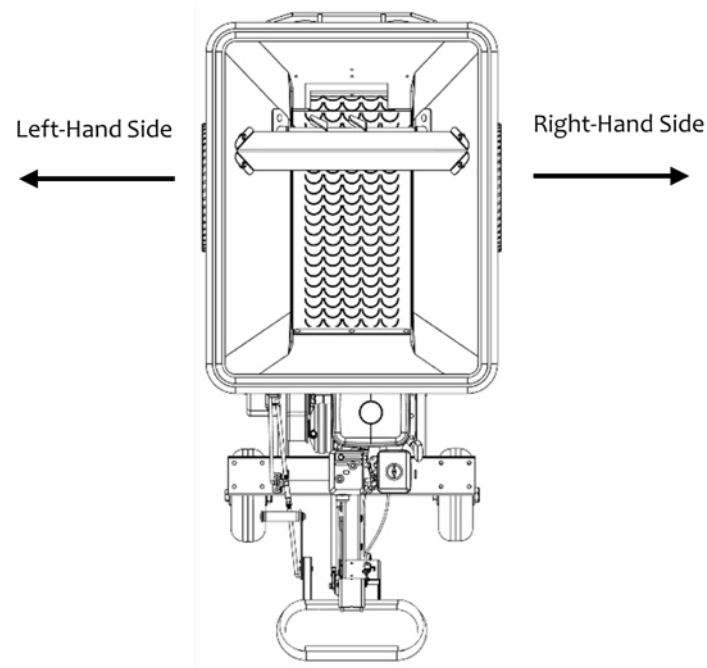


Figure 8.1

8.2 Maintenance and repair

Only perform maintenance or repairs if you are properly trained and qualified. For any major maintenance or repair needs, contact your local Ecolawn dealer.

WARNING: Always turn off the engine before performing any maintenance or repairs.

CAUTION: The hopper must be unloaded prior to any maintenance or service work.

NOTE: Proper maintenance is essential to the performance and longevity of the Eco 250 Top Dresser. Perform adjustments promptly to prevent premature wear or failure. Damage resulting from misuse or neglect may void the warranty if deemed so by an authorized Ecolawn representative.

Keep the Eco 250 Top Dresser clean and free from excess substrate buildup. Fine materials can compromise seals and bearings, leading to damage over time.

Always use **Original Equipment Manufacturer (OEM)** parts for all repairs and replacements.

Using non-OEM parts may compromise the integrity, safety, and performance of the unit. **Use of non-OEM parts will void the warranty.**

Contact your local Ecolawn dealer for all replacement parts and service inquiries.

9 ASSEMBLY

STEP 1 Prepare the unit

- Uncrate the Eco 250 Top Dresser.
- Carefully remove the unit from the pallet.
- Support the unit securely on **jack stands** before proceeding with assembly.

STEP 2 Install the Driven Wheels

- Mount the **driven wheels** onto the **differential shaft**.

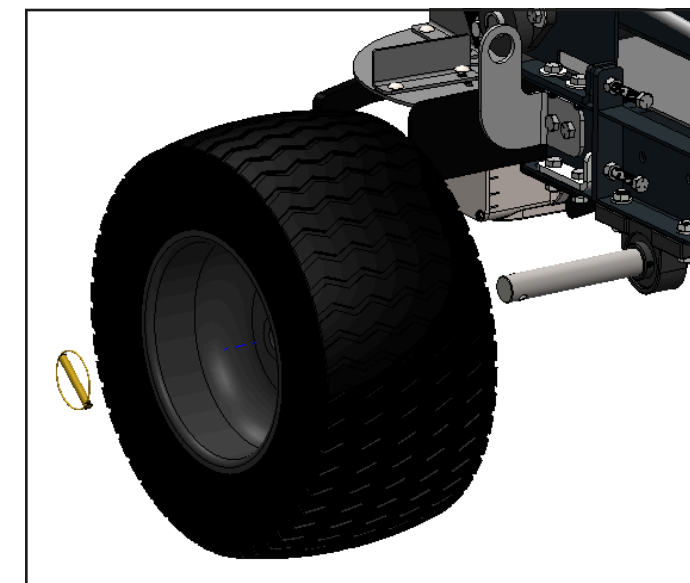


Figure 9.2

STEP 3 Install the Steering Column

- Install the **steering column** onto the frame.
- Ensure that the **trap lever pivot** is properly positioned **between the column and the support bracket**. See Figure 9.3.

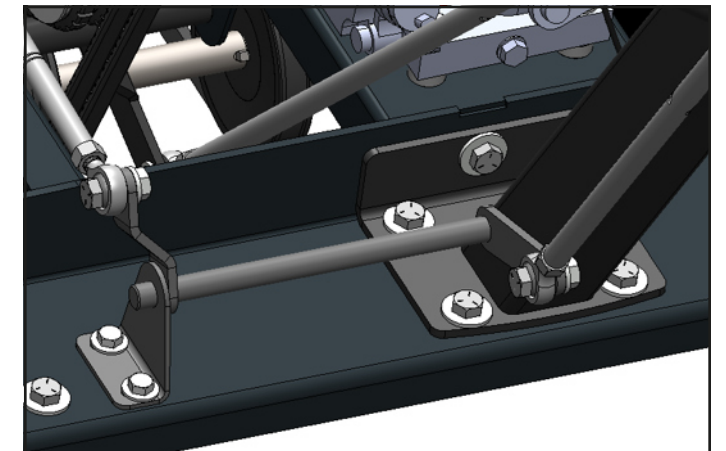


Figure 9.3

STEP 4 Install the Swivel Wheels

- Attach the **rear swivel wheels** to the frame.

STEP 5 Connect Control 1 (Drive Engagement)

- Attach the **Control 1 adjustment rod** to the **drive tensioner mechanism**.

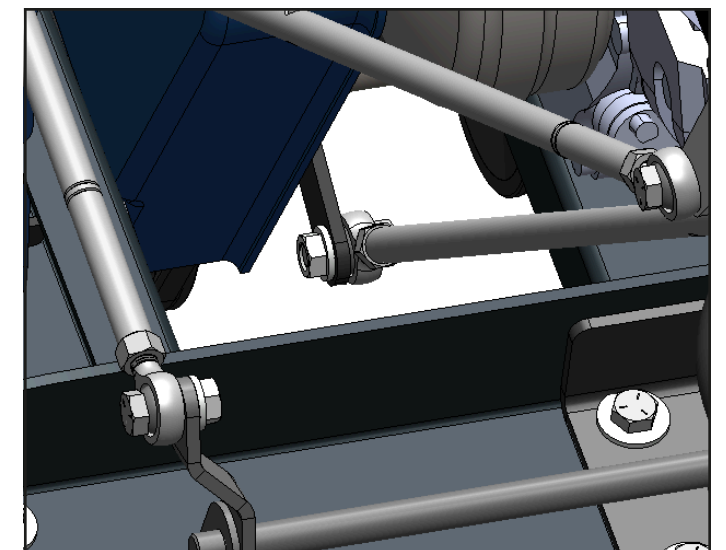


Figure 9.5

9 ASSEMBLY

STEP 6 Connect Control 2 (Conveyor Drive Tensioner)

- Attach the Control 2 adjustment rod to the drive-to-conveyor tensioner.
- ⚠ Ensure the spacer is correctly placed between the arm and the rod end.

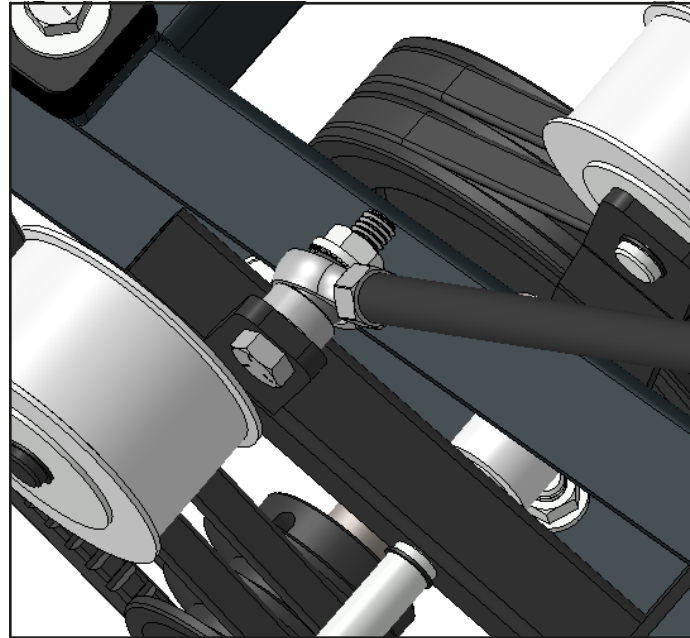


Figure 9.6

STEP 7 Connect Control 3 (Feed Trap)

- Attach the Control 3 rod to the feed trap adjustment rod.

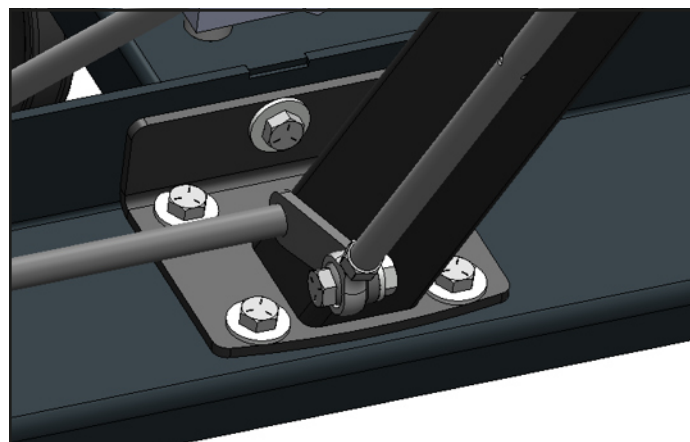


Figure 9.7

STEP 8 Install the Throttle Cable

- Connect the throttle control cable to the engine throttle arm.

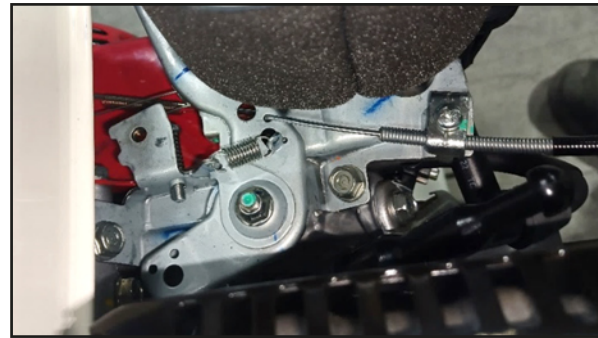


Figure 9.8

STEP 9 Connect the On/Off Switch

- Attach the wire from the engine On/Off switch to the designated terminal on the engine.



Figure 9.9

STEP 10 Add Engine Oil

- Add the appropriate type and quantity of engine oil before starting the unit.

Refer to the engine manual for detailed oil specifications and fill instructions.

10 OPERATION INSTRUCTIONS

10.1 Before Operating

Before each use, carefully inspect the Eco 250 Top Dresser to ensure all components are in good condition and functioning properly.

Confirm that the unit is safe for operation prior to use.

10.2 First Use

For optimal performance and proper break-in, follow these procedures during the first use:

1. Fill the engine with oil.
2. Add fuel to the engine.
3. Allow the engine to idle for a few minutes.
4. Run the unit empty for a few minutes to allow the v-belts to seat into the pulleys.
5. Test the unit with 1/3 of the hopper's capacity. Repeat this 3 times to confirm proper operation.
6. While running the unit with substrate, test the various controls (refer to sections 10.4 to 10.9).
7. The conveyor belt may need slight adjustments during the first 5 hours of use as it settles.
8. Minor adjustments to the controls may be necessary (see section 11.3).

10.3 Engine

Before operating the Eco 250 Top Dresser, ensure the oil level is correct in both the engine and the gear reducer.

Verify that the engine has sufficient fuel.

WARNING: Never operate the engine in an enclosed space. Exhaust fumes can be toxic and may result in serious injury or death.

NOTE: Review the engine's Operator's Manual, which is provided with the Eco 250 Top Dresser, before use.

10.4 Controls



Figure 10.4

10.4.1 Starting the unit

To start the unit:

1. Turn the engine switch located on the right-hand side of the steering column to the ON position (See figure 10.4.1).

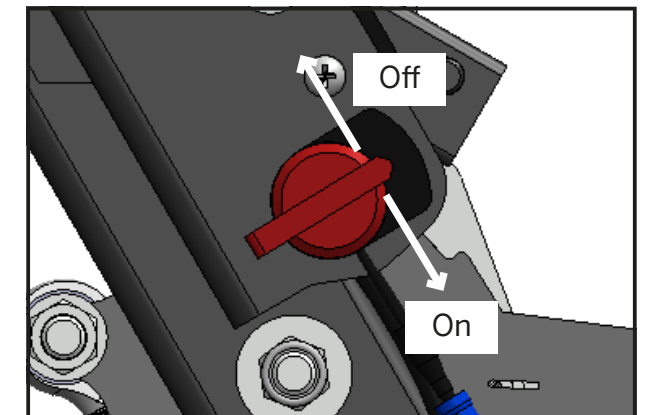


Figure 10.4.1

2. Turn the fuel valve to the ON position.
3. Move the choke lever to the CLOSED position.
NOTE: Do not use the choke if the engine is warm.
4. Move the throttle control lever to half throttle.
5. Pull the starter grip lightly until resistance is felt, the pull briskly.

10 OPERATION INSTRUCTIONS

10.4.2 Speed Control

The Eco 250 Top Dresser has a maximum speed of 3 mph (4.5 kph).

The maximum speed can be adjusted by modifying the engine's rpm via the throttle control.

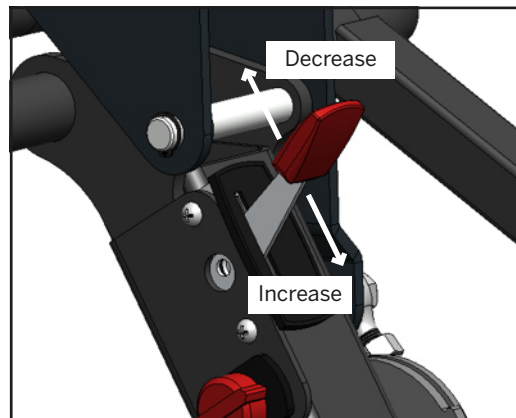


Figure 10.4.2

10.4.3 Control 1 (Drive Engagement)

Control 1 engages or disengages the drive system. When engaged, it activates the disk and engages the differential to propel the unit forward.

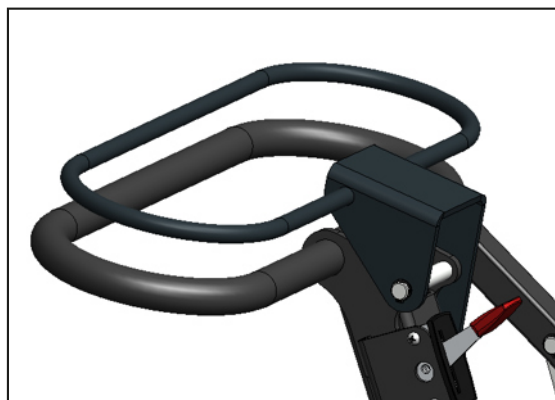


Figure 10.4.3

WARNING: Always operate the Eco 250 Top Dresser at a speed that is comfortable and manageable. Be cautious of potential hazards that may cause injury or damage.

CAUTION: Keep a firm hold on the steering column at all times when operating the unit.

10.4.4 Control 2 (Conveyor and Agitator)

Control 2 engages the conveyor belt and agitator. Engage this control along with Control 1 to activate the conveyor belt and begin spreading substrate.

NOTE: Only engage this control when ready to begin applying top dressing substrate.

NOTE: Do not operate the unit in reverse with Control 2 engaged, as this may damage the conveyor belt and cause substrate to become lodged in the hopper.

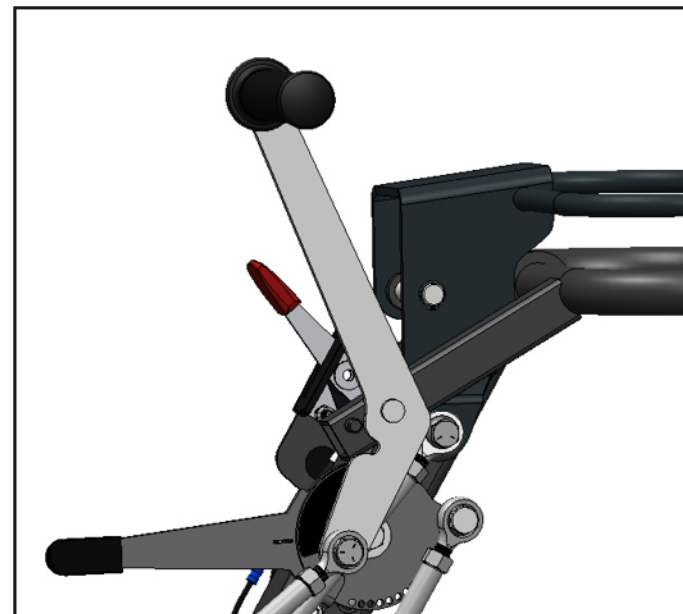


Figure 10.4.4

10.4.5 Control 3 (Feed Trap)

Control 3 opens and closes the feed trap, which regulates the flow of substrate from the hopper onto the ejection disk.

NOTE: Ensure that the feed trap remains closed when not in use to prevent spillage and uneven application. (See figure 10.4.5)

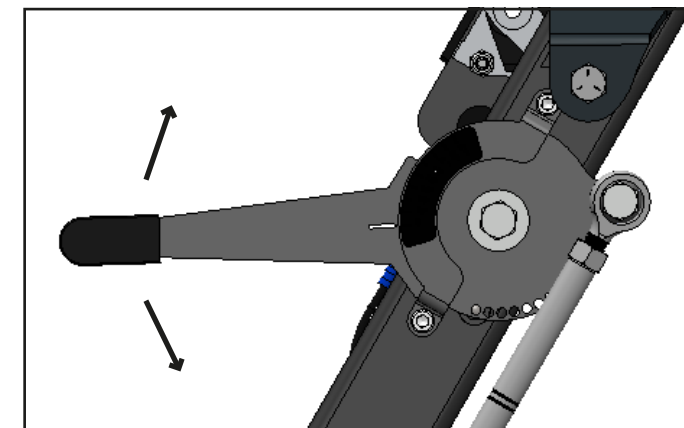


Figure 10.4.5

10.5 Application Adjustment

WARNING: Do not exceed the maximum speed of 3 mph (4.5 kph).

CAUTION: Do not modify the engine's settings to exceed the factory default speed or rpm limits.

NOTE: The thickness of the application may vary depending on the type of substrate being used.

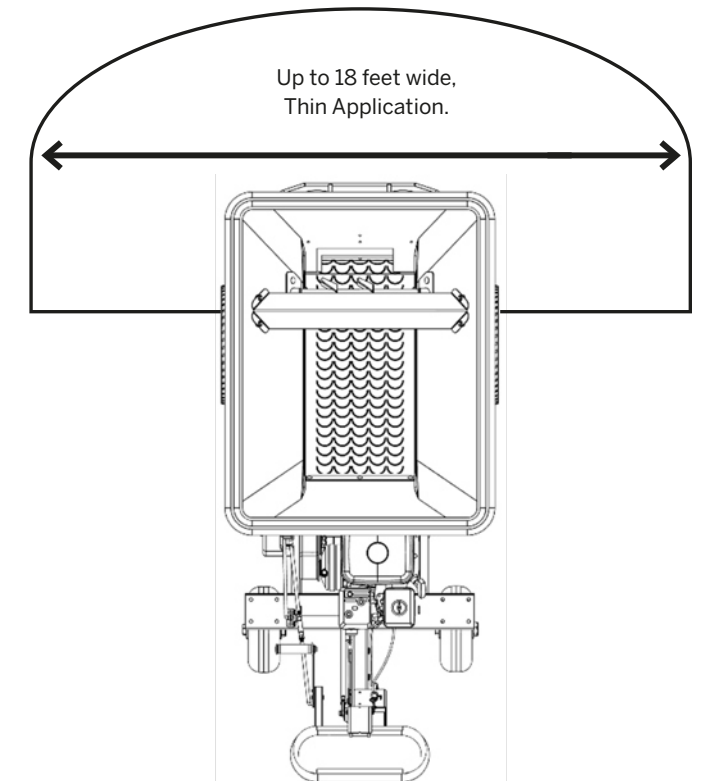


Figure 10.5.1

Lighter substrates may spread farther than heavier ones.

Adjusting the vehicle speed will also adjust the spreading width. Refer to figures 10.5.1 and 10.5.2 for guidance on spreading patterns at different speeds.

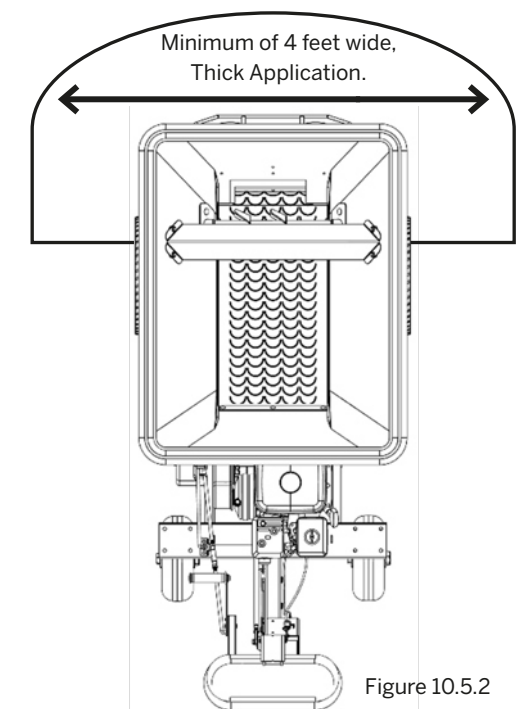


Figure 10.5.2

10 OPERATION INSTRUCTIONS

10.6 Spreading Operation

Once your Eco 250 Top Dresser is inspected and loaded, follow these steps for the spreading operation:

- Engine Off Before Loading**
 Always ensure the engine is turned off before loading the hopper. If using dumping equipment, keep a safe distance and do not stand near the unit while it is being loaded.
- Avoid Overloading the Hopper**
 The hopper has a maximum weight limit of 500 lbs (227 kg). Be mindful of the weight of the material, especially if it's wet, as it may cause the conveyor belt to slip or wear down faster.
- Proper Filling**
 Never fill the hopper to the brim. Overloading can damage the Eco 250 Top Dresser. Check section 5 for the specific hopper weight limit.
- Start from the Furthest Point**
 When spreading, begin at the furthest point from the substrate source. This avoids driving over areas you've already treated and ensures an even application.
- Adjust Spread Width and Thickness**
 Use the available controls to adjust the spread width and thickness based on the type of material and your desired coverage.
- Drive Safely**
 Always operate the unit at a comfortable speed. Drive safely around obstacles such as trees, ponds, and slopes.

WARNING: Never operate the unit on slopes or hills, as these can be dangerous.

- Never Stand in Front of the Unit**
WARNING: Never allow anyone to stand in front of the unit while spreading substrate to avoid injury from projectiles.
- Keep the Feed Trap Closed**
 Note: Keep the feed trap closed when not ready to spread to prevent spillage or uneven application.
- If Material Gets Stuck**
WARNING: If substrate collects under the disks, stop the engine, disengage all controls, and clean the unit by hand. Caution: Never touch the moving disks during operation to avoid serious injury.

11 MAINTENANCE

11.1 Before Maintenance

- WARNING:** Always turn off the engine, empty the hopper, and chock the caster wheels before performing any maintenance or adjustments. Failure to follow these steps can result in injury or death.
- WARNING:** Exercise caution when lifting the Eco 250 Top Dresser onto jack stands to avoid injury. Do not stay under the unit longer than necessary.
- CAUTION:** Never use wood or cinder blocks to support the unit. Always use proper support equipment to prevent injury and damage to the Top Dresser.
- CAUTION:** Always chock both the driving wheels and the caster wheels when performing maintenance that doesn't require lifting. If you are unsure about your ability to perform maintenance safely, take the unit to your local dealer.

11.2 Inspection

Regular inspections are key to keeping your Eco 250 Top Dresser in top condition. Perform the following checks before each use:

- Verify engine oil levels and gas in the tank (refer to engine manual).
- Inspect tires for low inflation or cracks.
- Test the controls to ensure proper function (see section 11.7 for adjustments).
- Keep an eye on the conveyor belt, especially during the first 5 hours of use, when it may require more maintenance.
- Check the hopper for debris (rocks, branches, plastic, etc.) that could obstruct function.

11.3 Lubrification Schedule

- Bearings (8x)** – Every 40 hours of use
- Casters (2x)** – Seasonal
- Engine Oil** – Refer to engine manual
- Chain** – Every 40 hours of use
- Wheel/Differential Axle** – Seasonal
Apply anti-seize to axle shaft.
- (See Figure 11.3 for axle details.)

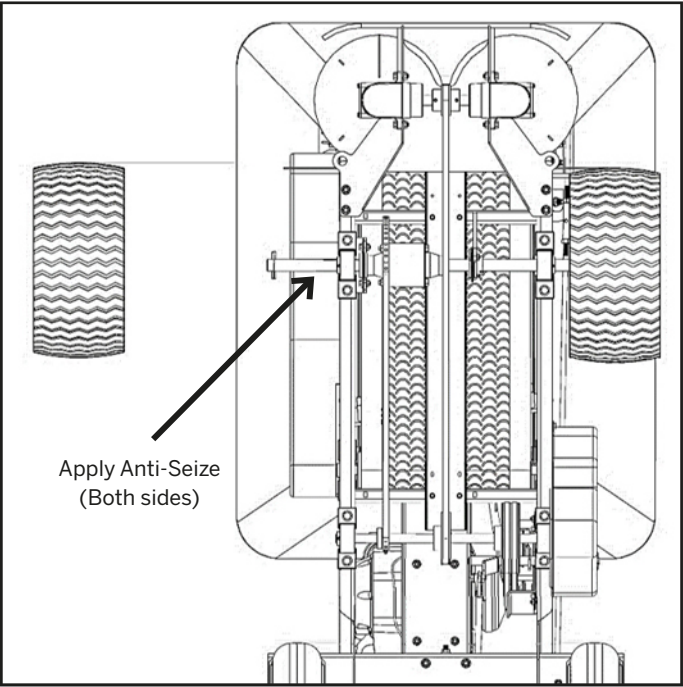


Figure 11.3

11.4 Cleaning Method

Regular cleaning is essential to maintain functionality and prevent substrate buildup in places where it shouldn't be. Always clean the Eco 250 Top Dresser after every use to ensure its proper functioning. Neglecting to do so may void the warranty.

11 MAINTENANCE

11.5 Tools

To perform maintenance, ensure you have the following tools:

- Jack
- Jack Stands
- 9/16" Wrench
- 1/2" Wrench
- 7/16" Ratchet
- Wheel Chocks

11.6 Supporting The Unit

WARNING: Always use caster wheel chocks when lifting and supporting the unit.

WARNING: Lift and support the unit only on a flat surface.

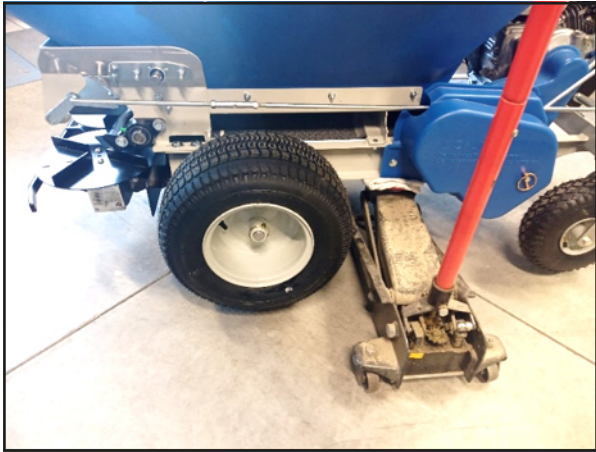


Figure 11.6

WARNING: Only lift the unit from under the frame.

11.7 Adjustments

11.7.1 Conveyor belt adjustment

WARNING: Never place your hand on the conveyor belt while the engine is running. Serious injury may occur.

NOTE: Improper tensioning can cause the conveyor belt to slip.

To adjust the conveyor belt tension:

1. Support the unit on jack stands and remove the wheels.
2. Loosen bolts #1 and #2 on both sides.
3. Using bolt #3, adjust the belt tension evenly on both sides.

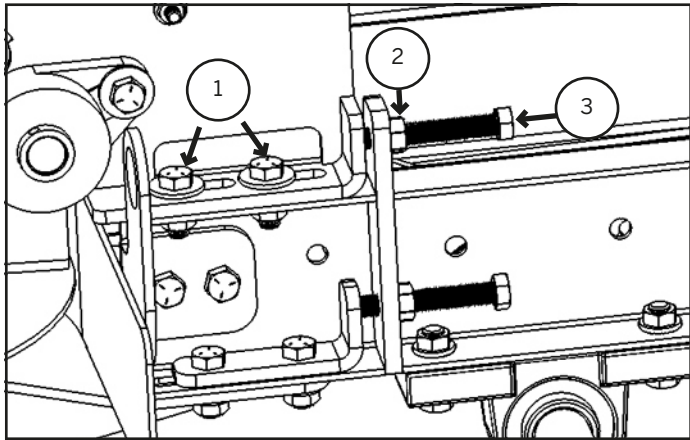
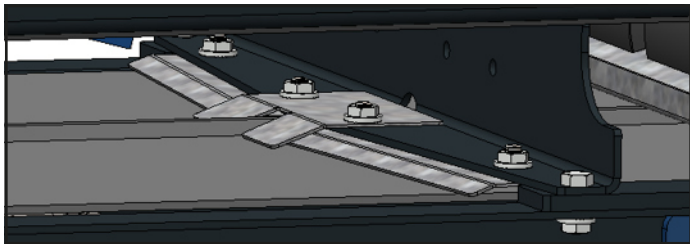


Figure 11.7.1-1

4. Press down on the conveyor belt with light to medium pressure at the scraping blade. The belt should sink approximately 3/16" (see Figure 11.7.1-2).



5. Once proper tension is set, tighten bolts #1 and #2 on both sides.

6. Start the engine and adjust tracking by turning bolt #3 on the left side. Ensure the belt stays centered in the V-groove (see Fig. 11.7.1-3 & 11.7.1.4).

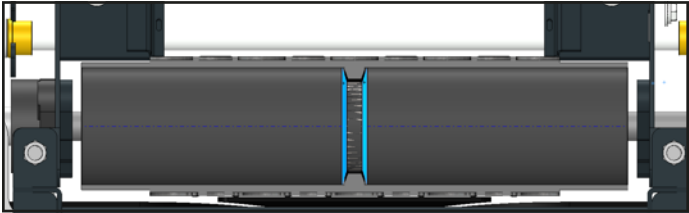


Figure 11.7.1-3

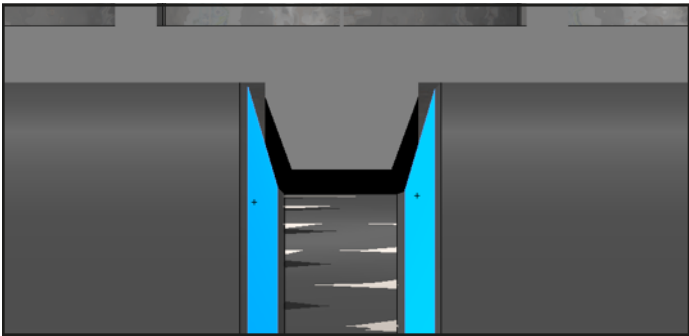


Figure 11.7.1-4

7. Retighten bolt #1 on the left side.

After adjustments, test the conveyor with 1/3 hopper capacity to ensure proper performance.

WARNING: Never place your hand on the conveyor belt while the engine is running.

11.7.2 Disc Support Adjustment

NOTE: If the disks are not spinning or if the spread is uneven, this adjustment is necessary.

1. Support the unit on jack stands and remove the wheels.
2. Loosen bolts #1 and #2 on both sides. (Figure 11.7.2)
3. Adjust tension with bolt #3.
4. Ensure equal tension on both sides.
5. Retighten bolts #1 and #2.

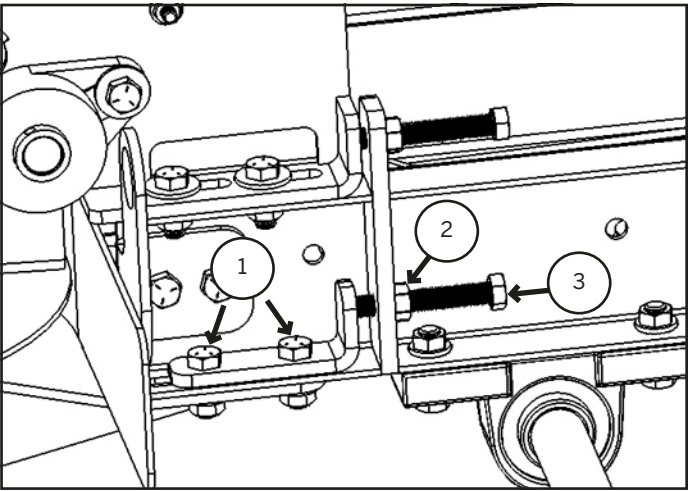


Figure 11.7.2

11.7.3 Drive Adjustment

CAUTION: Over-tightening can cause the unit to crawl when the engine is running or jam the wheels when the engine is off.

1. Loosen the jam nuts at each end of the rod (one has a left-hand thread).
2. Adjust the rod to modify tension.
3. Retighten the jam nuts.

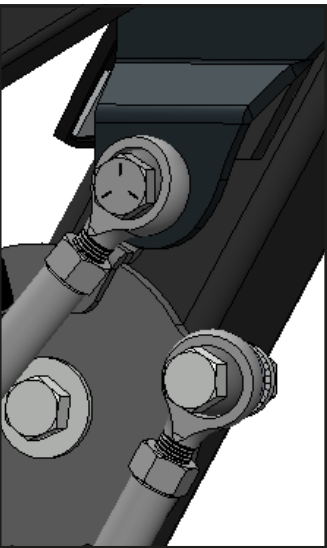


Figure 11.7.3-1

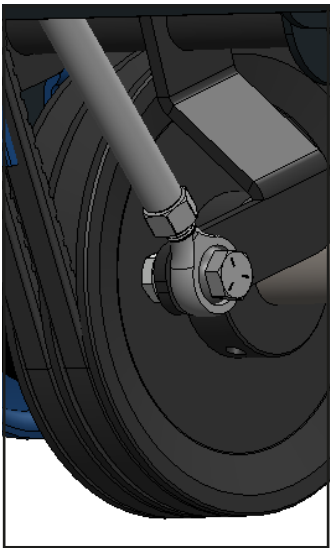


Figure 11.7.3-2

11 MAINTENANCE

11.7.4 Feed Trap Adjustment

1. Loosen the jam nuts at each end of the rod (one has a left-hand thread).
2. Adjust the rod to modify tension.
3. Retighten the jam nuts.

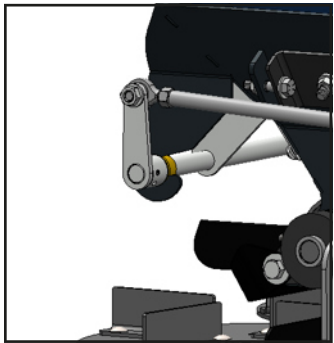


Figure 11.7.4-1

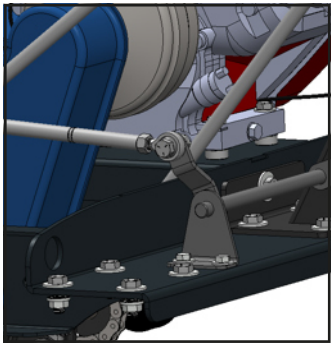


Figure 11.7.4-2

11.7.5 Mixer Adjustment

NOTE: Adjusting the mixer belt may or may not be necessary after conveyor belt adjustments.

NOTE: The factory default is a twisted belt to help break down clumped substrate.

1. Remove the guard.
2. Loosen bolt #1 by a few turns.
3. Adjust using bolt #2, ensuring both sides match.
4. Retighten bolt #1.
5. Reinstall the guard.

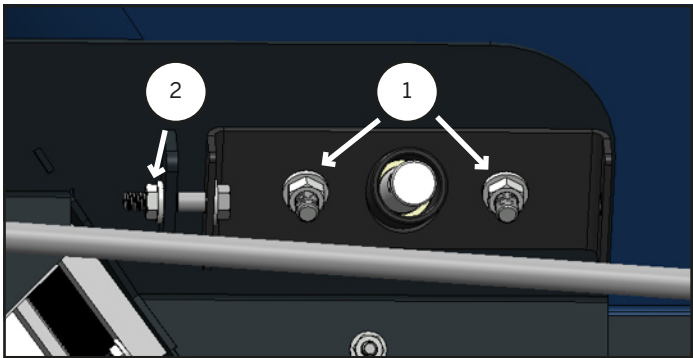


Figure 11.7.5

11.7.6 Conveyor Drive Adjustment

NOTE: This adjustment affects the conveyor belt engagement, not its tension.

1. Loosen the jam nuts at each end of the rod (one has a left-hand thread).
2. Adjust the rod to modify tension.
3. Retighten the jam nuts.

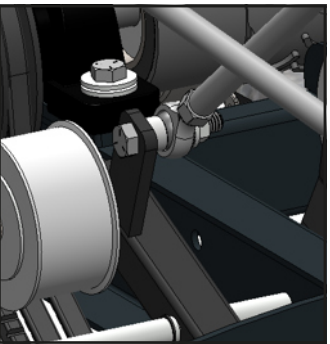


Figure 11.7.6-1

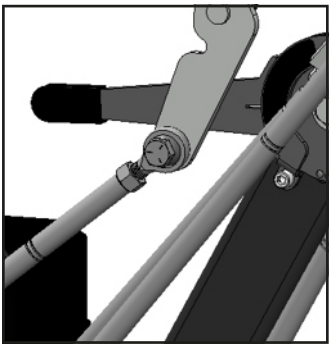


Figure 11.7.6-2

11.8 Storage

Before storing the Eco 250 Top Dresser, complete all maintenance tasks, including lubrication. This prevents parts from corroding, galling, or seizing during the off-season. When removing the unit from storage, inspect adjustments, as fluctuating temperatures may affect them.

For long-term storage, consider loosening adjustments to prevent belts from stretching due to time or temperature variations.

12 TROUBLESHOOTING

12.1 Conveyor Belt

| PROBLEM | SOLUTION |
|---|---|
| Conveyor tracks from side to side / Bump in center of conveyor. | <ul style="list-style-type: none">• Adjust conveyor (Section 11.7.6). |
| Belt slips when substrate in hopper | <ul style="list-style-type: none">• Too much weight.• Adjust conveyor tension. |

12.2 Unit Creeps Forward

| PROBLEM | SOLUTION |
|--------------------------------|---|
| Wheels lock, engine turned off | <ul style="list-style-type: none">• Make sure blue engine guard is installed.• Verify drive engagement (control 1) rod adjustment. |
| Unit runs away when engine on | <ul style="list-style-type: none">• Solutions above apply.• Verify interior of blue engine guard, if damaged, replace it.• Verify engine v-belts condition, if too worn they may sit too deeply in the pulley's grooves and must be replaced.• Verify that proper length and model V-belts are used. |

12.3 Other

| PROBLEM | SOLUTION |
|---|---|
| Disks won't turn | <ul style="list-style-type: none">• Verify disk support adjustment (Section 11.7.2).• Something stuck in disks.• V-belt might be worn. |
| Only one disk turns | <ul style="list-style-type: none">• Verify gearbox assembly.<ul style="list-style-type: none">o Key might be missing from shaft/pulley.o Pulley might not be tight on both gearboxes.• Gearbox may need replacement |
| Conveyor belt does not engage, roller does not move | <ul style="list-style-type: none">• Adjust conveyor and agitator (control 2) rod tension.• Replace V-belts |

12 TROUBLESHOOTING

12.3 Other

| PROBLEM | SOLUTION |
|---|---|
| Mixer doesn't turn. | <ul style="list-style-type: none">• Check for debris• Verify if adjustment matches on both sides• Adjust mixer tension• Replace mixer v-belt• Verify mixer shafts and bushings for wear. |
| Engine turned on, machine will not drive. | <ul style="list-style-type: none">• Adjust drive engagement (control 1) rod tension.• Verify chain/sprockets, may be loose/damaged• Verify differential and differential bearings.• Replace drive engagement V-belts |
| Substrate spills and collects on ground | <ul style="list-style-type: none">• Make sure feed trap is closed when not in operation.• Inspect hopper seals to conveyor for damage• Adjust feed trap (control 3) rod length, when closed there should be no gap between feed trap and conveyor• Verify if disks spin properly |

13 REPLACING THE CONVEYOR BELT

⚠ WARNING:

- Never operate the engine in confined spaces —carbon monoxide can cause injury or death.
- Do not perform maintenance or repairs with substrate in the hopper.

Before beginning, support the unit on jack stands and remove the wheels.

13.1 Procedure Overview

Follow these steps in order:

1. Uninstall the mixer assembly
2. Uninstall the hopper assembly
3. Uninstall the rollers
4. Replace the belt
5. Reinstall the rollers
6. Reinstall the hopper
7. Reinstall the mixer assembly
8. Adjust the conveyor belt

13.2 Uninstall the Mixer Assembly

- Remove the mixer guard.

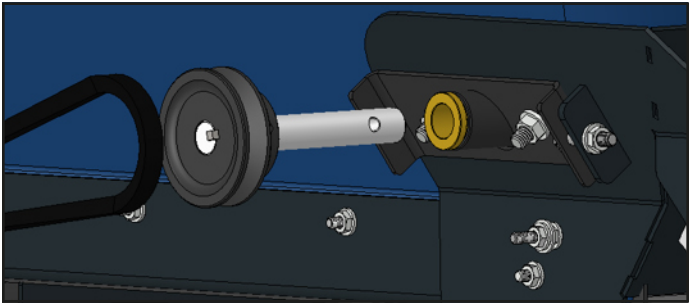


Figure 13.2

- Remove the shafts from both sides of the mixer tube.

13.3 Uninstall the Hopper Assembly

- Remove the flaps.
- Remove the mixer support brackets.
- Remove the 3 screws over the feed trap.

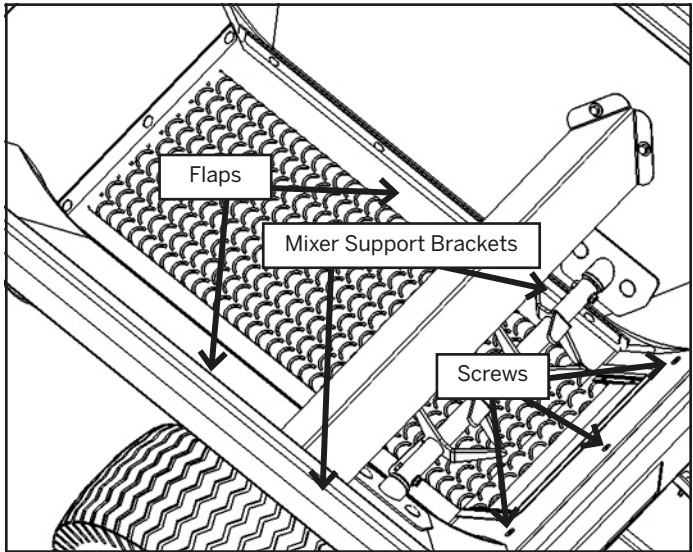


Figure 13.3

13.4 Uninstall the rollers

- Remove the scraping blade from the frame.
- Remove the tension guard.
- Remove the Drive to Conveyor v-belts.
- Remove the drive roller.
- Remove the flange bearings.
- Remove the front roller.

13 REPLACING THE CONVEYOR BELT

13.5 Replace the conveyor belt

- Remove the bolts from the plate to the feed mechanism support. (Fig 13.4)

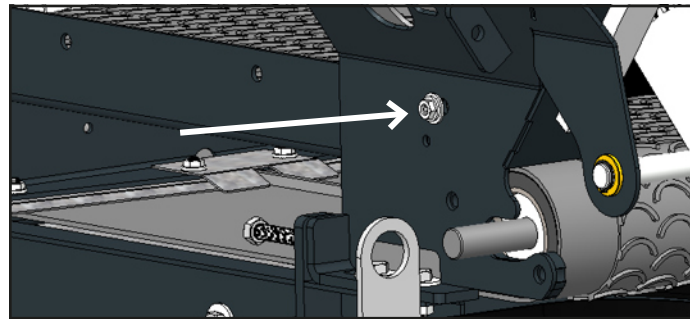


Figure 13.4

- Change the conveyor belt.
- Reinstall the plate onto the feed mechanism support.

13.6 Install the rollers

13.6.1 Front Roller Installation

- Install the front roller (Fig 13.6.1-1)

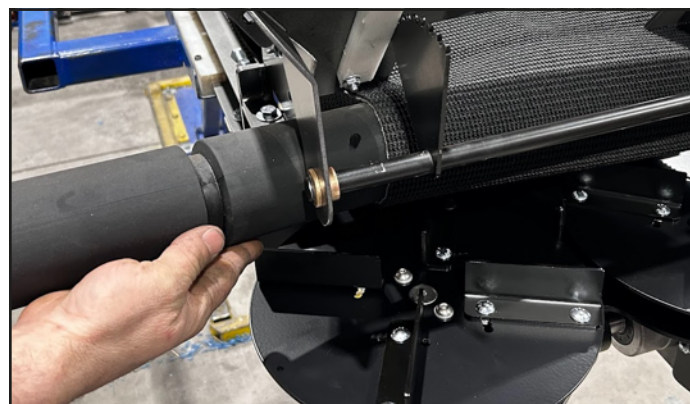


Figure 13.6.1-1

- Slide flange bearings onto each shaft. Ensure grease fittings will be accessible after reassembly.
- Install all four bolts but do not tighten.
- Wedge a pry bar between the conveyor and feed support mechanism, then tighten the top bolts first. (Fig. 13.6.1-2)
 - Eco 250 gap: 3/16" between feed support and conveyor
 - Eco 250-S gap: 1/16" (See Eco 250-S section)



Figure 13.6.1-2

- Install the from nose deflector so it sits 1-7/8" from the disk (Fig 13.6.1.3).

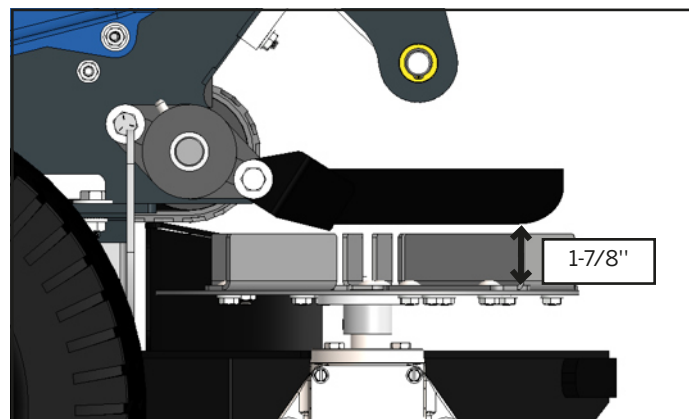


Figure 13.6.1-3

- Center the roller in the assembly and tighten flange bearing set screws.

13.6.2 Drive Roller Installation

- Install the drive roller.
- Mount pillow block bearings at the edge of the welded support to ensure that the roller is square to the frame (Fig 13.6.2).

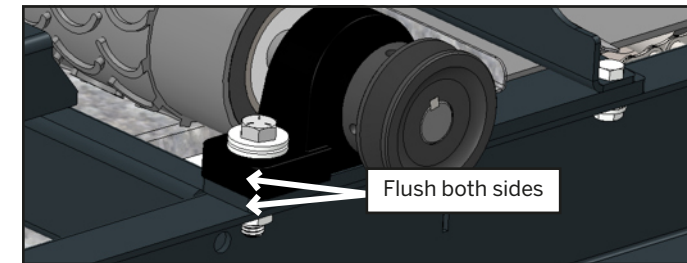


Figure 13.6.2

13.7 Install the Scrapers

- Install the **conveyor scraper assembly**.
 - Ensure it's centered on the belt and not in contact with the belt guide.
- Install the **drive roller scraper**:
 - Mount between two washers using the pillow block bolts.
 - Maintain a very small gap (1/32") between the roller and scraper.
 - Confirm it is centered with the V-groove and not touching the roller.

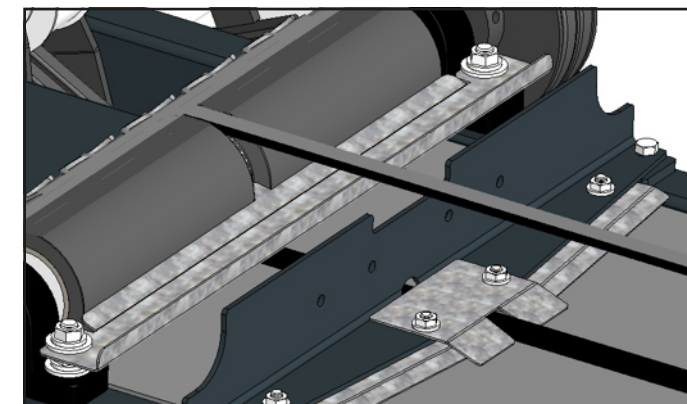


Figure 13.7

13.8 Reinstall the hopper

- Install the 3 front bolts.
- Install the mixer supports, leaving slack for the mixer V-belt.
- Install the side flaps:
 - Use the two longer carriage bolts on the **right-hand side** (front-most and rear-most holes).
 - These bolts are used to reattach the mixer guard later.

13.9 Reinstall the mixer assembly

- Install the shafts (pulley-side shaft goes on the **right**).
- Install the mixer belt.
- Adjust the mixer tension (see **Mixer Adjustment**, Section 11.7.5).
- Reinstall the mixer guard.

13.10 Adjust the conveyor belt

See **Section 11.7.1 – Conveyor Belt Adjustment** for full instructions.

14 ECO 250 SAND VARIANT

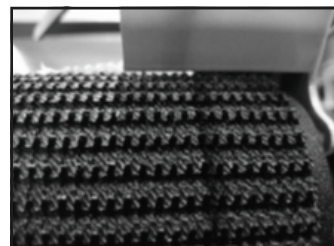
The Eco 250-S Top Dresser is a variant of the standard Eco 250 model, designed specifically for spreading sand and other fine materials. The primary differences between the Eco 250-S and the standard Eco 250 are:

- A rough-top conveyor belt
- Additional weight deflectors

14.1 Rough-Top Conveyor Belt

The Eco 250-S uses a **rough-top conveyor belt**, which is better suited for fine materials such as sand.

- Its smaller pores and thicker surface reduce leakage and improve material movement.
- While optimized for sand, it is also effective for compost and other fine substrates.
- This belt improves handling of lightweight, loose materials by providing better traction and flow control.



Rough Top Guided Conveyor
P/N: C-0110



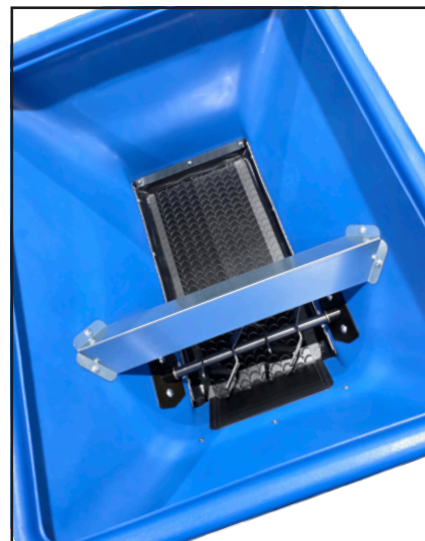
Crescent Top Guided Conveyor
P/N: C-0109

14.2 Weight Deflector

The extra weight deflector helps in keeping the weight of finer substrates off the conveyor belt, to ensure smooth movement.



Eco 250-S Top Dresser



Eco 250 Top Dresser

14.2 Adjustable spinners Vanes

Both models are equipped with **adjustable spinner discs** featuring flat vane spinners as standard. The Eco 250-S includes **optional scooped vanes** for improved control when spreading fine materials.

Installing Scooped Vanes:

- Note the orientation of the scoops:
 - o One scoop is designed for **Clockwise (CW)** rotation
 - o The other for **Counter-Clockwise (CCW)** rotation
- Ensure correct placement based on the rotation direction of each spinner.

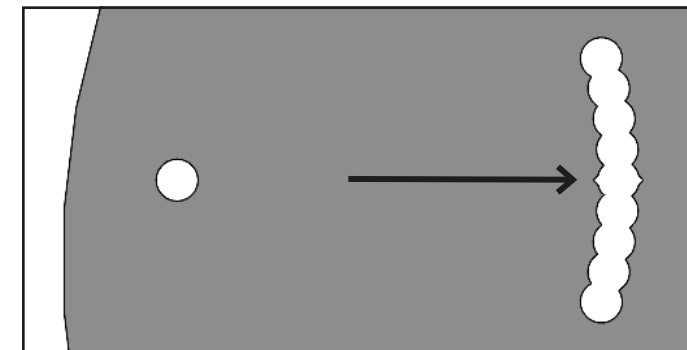


Fig 14.2.1 - Vane adjustment slot

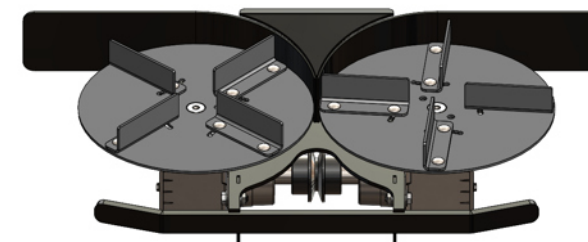


Fig 14.2.2 – Flat Vane configuration

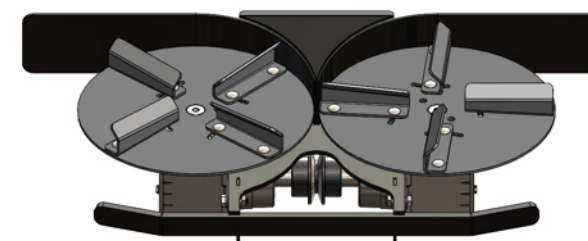


Fig 14.2.3 - Scoop configuration

Adjustment Settings:

- The spinner disc (**D-0200**) features a slotted mounting path for vane or scoop installation.
- The **center hole**, marked by **diamond points**, represents the default setting.
- Adjusting vane or scoop positions within the slot affects the spread pattern:
 - o Wider, lighter spreads for finer materials
 - o Narrower, heavier spreads for denser substrates



Fig 14.2.4 - D-0203 – Flat Vane

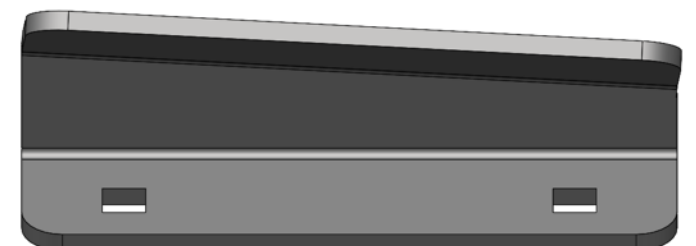


Fig 14.2.5 - D-0202 – CCW Scoop

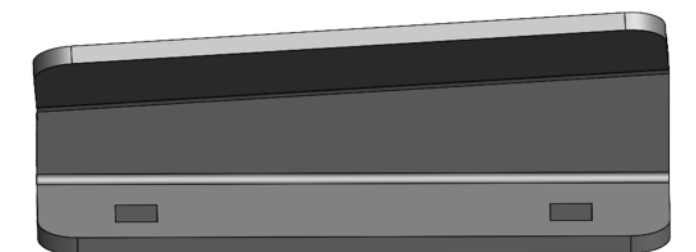


Fig 14-2.6 - D-0201 – CW Scoop

15 ACCESSORIES

ECO SEEDER | Part #: E-0004

The ECO Seeder turns a multi-step task into a single operation by spreading seeds and compost at the same time.

FEATURES:

- Self-propelled broadcast top dresser
- The stainless-steel container holds 5 to 6 pounds of seed. It can also be used for synthetic fertilizer, bio-char blends, and other products.
- Its adjustable and precise opening mechanism allows the operator to adjust the flow as desired.
- The Eco-Seeder fits all Ecolawn Applicator models.



GATE STOPPER | Part #: MIC-025

Pre-adjustable door opening ensures consistent setting for each use, adapted to the specific material being spread.

- The gate stopper fits on ECO 250, ECO 250-S, ECO 250-G, ECO 250-E



HOPPER FUNNEL | Part #: E-0001

Introducing the New Hopper Funnel by Ecolawn Applicator —the perfect solution for easy, efficient loading.

FEATURES:

The new Hopper Funnel fits all models

- Designed to accommodate loading by buckets, this funnel extends the opening up to 54 inches, making the process faster and hassle-free.
- Not only does it simplify loading, but it also serves as a protective shield for your engine, preventing material from accidentally dropping on it during the process. Enhance your efficiency and protect your equipment with the New Hopper Funnel by Ecolawn Applicator.



16 SPARE PARTS

Order parts through your local dealer or distributor, have your model and serial numbers ready when ordering parts. Only use OEM parts, failure to do so will void the warranty.

| PART # | DESCRIPTION |
|-----------|---|
| C-0004 | DIFFERENTIAL |
| C-0005 | DOUBLE GROOVE V-BELT PULLEY 2MA53-3/4" |
| C-0006 | DOUBLE GROOVE V-BELT PULLEY (TO MOTOR) 2MA 58-3/4 |
| C-0007 | DOUBLE GROOVE V-BELT PULLEY (TO CONVOYER) 2MA 25 3/4" |
| C-0008 | EXTENSION SPRING 3.25" |
| C-0009 | FLANGE BEARING 3/4" |
| C-0010 | BEARING (SUPPORT DIFFERENTIAL) |
| C-0011 | MOTOR BELT GUARD -> REPLACED BY MIC-017_150_250 <- |
| C-0016 | MOTOR CABLE & CONTROLLER |
| C-0017 | HONDA MOTOR GX160 HH |
| C-0018 | MUFFLER / DEFLECTOR COMP. |
| C-0019 | OILITE BUSHING OD 7/8" X ID 5/8" X 1/2" LG |
| C-0021 | OILITE BUSHING OD 1" X ID 3/4" X 3/4" LG |
| C-0025 | COMPRESSION SPRING (0.312" OD X 0.047" X 2") |
| C-0026 | SINGLE GROOVE V-BELT PULLEY MA25-3/4" |
| C-0027 | SINGLE GROOVE V-BELT PULLEY MA30-3/4" |
| C-0028 | SINGLE GROOVE V-BELT PULLEY MA 43 3/4 - I.D. 3/4 " |
| C-0029 | SPROCKET 48 TEETH |
| C-0030 | SPROCKET 14 TEETH |
| C-0037 | RECT VINYL CAP ROUND END 5/8" X 1 3/4" |
| C-0040 | GEAR BOX PGM 1000-026D |
| C-0041 | SINGLE GROOVE V-BELT PULLEY MA25 - 7/8 |
| C-0042 | WOODRUFF KEY NO. 6, 5/32" W X 5/8" |
| C-0043 | WOODRUFF KEY NO. 9, 3/16" W X 3/4" |
| C-0044 | NOTCHED V-BELT AX37 (TO MOTOR) |
| C-0045 | V-BELT-ECO 250 -A81 |
| C-0046 | NOTCHED V-BELT AX28 (TO CONVEYOR) |
| C-0047 | PILLOW BLOCK 1" |
| C-0048 | PILLOW BLOCK 3/4" |
| C-0052 | CHAIN 60" (INCLUDES C-0014 & C-0015) |
| C-0101 | BEARING FLANGE (LOCKING COLLAR) |
| C-0105 | SLICK SWIVEL WHEEL 4,1 X 3,5-4 W/BRAKE |
| C-0106 | TURF SAVER TIRE AND BLACK RIM 16" X 7.50" |
| C-0107 | SPHERICAL ROD END 3/8-24 W/NUT BZ/P |
| C-0108 | SPHERICAL ROD END 3/8-24 LH W/NUT BZ/P |
| C-0109 | GUIDED CONVEYOR BELT CRES TOP 61 3/8" X 13 3/4" |
| C-0110 | GUIDED CONVEYOR BELT ROUGH TOP 61 3/8" X 13 3/4" |
| C-0152-01 | CONVEYOR (CLUTCH) BELT GUARD ECO250 |
| C-0153 | PULLEY AND BELT GUARD |
| C-0160 | V-BELT A55 (SMOOTH) |
| C-0166 | GRIP (RUBBER) ID 7/8" |

16

SPARE PARTS

| PART # | DESCRIPTION |
|-------------------|--|
| C-0217 | RUBBER CAP (HONDA MOTOR) |
| D-0017 | FEED TRAP HANDLE |
| D-0027 | MOUNTING PLATE -> REPLACED BY MIC-017_150_250 <- |
| D-0045 | FEED TRAP - INDICATOR |
| D-0070 | FEED TRAP - SUPPORT LEVER - ECO 250 |
| D-0109 | DIFFERENTIAL SUPPORT BRACKET |
| D-0111 | DEFLECTOR FOR BELT |
| D-0113 | CENTRAL WEIGHT DEFLECTOR |
| D-0114 | ANTI-FRICTION PLATE GUIDED CONVEYOR -> USED WITH S-1183 <- |
| D-0115 | GUIDED DRIVE ROLLER SCRAPER |
| D-0117 | GROUNDING PLATE |
| D-0168 | ANGLE BRACKET |
| D-0177 | FEED TRAP_250 |
| D-0184 | SHORT FLAP CLIP |
| D-0185 | LONG FLAP CLIP |
| D-0194 | AGITATOR SUPPORT PLATE |
| D-0200 | ADJUSTABLE DISC PLATE |
| D-0201 | SCOOP CW FOR D-0200 |
| D-0202 | SCOOP CCW FOR D-0200 |
| D-0203 | FLAT BLADE FOR D-0200 DISC |
| D-0268 | FEED TRAP ADJUSTER BRAKET |
| D-0666 | LEFT SIDE LIFT HOOK |
| D-0667 | RIGHT SIDE LIFT HOOK |
| D-0999 | CHAIN GUARD |
| D-1125 | CONVEYOR SCRAPER UPPER - GUIDED |
| D-1162 | CONVEYOR SCRAPER LOWER SIDE - GUIDED -> USED WITH D-1125 |
| D-1162-02 | CONVEYOR SCRAPER CENTER BLADE W/SLOT - GUIDED |
| GA-001_250 | GALVANISED S/A FEED TRAP 250 |
| GA-006_250 | GALVANISED S/A PLATE EJECTION 250 |
| GD-1125 | GALVANISED CONVEYOR SCRAPER SUPPORT - GUIDED |
| GIC-104 | GALVANISED SCRAPER ASSEMBLY GUIDED |
| GIC-119 | GALVANISED S/A CONVEYOR SUPPORT PLATE GUIDED |
| GS-0021 | GALVANISED DEFLECTOR FOR DOUBLE PLATE (LONG) |
| GS-0026 | GALVANISEZ DOUBLE PLATE EJECTION SUPPORT ECO 250 |
| GS-0076 | GALVANISED 4 PRONG MIXED-BLENDER |
| GS-0202 | GALVANISED FRAME ECO-250 |
| GS-0253 | GALVANISED FEED TRAP-SUPPORT-ECO 250 |
| GS-0274 | GALVANISED PLATE EJECTION ECO 250 |
| GS-1183 | GALVANISED CONVEYOR SUPPORT PLATE GUIDED |
| MIC-002_250 | S/A CHAIN 250 |
| MIC-003_150_250 | S/A CLUTH HANDLE |
| MIC-006_150_250 | S/A CONVEYOR CLUTH ARM |
| MIC-007_150_250_H | S/A MOTOR HONDA |
| MIC-009_250 | S/A SHIPPING KIT 250 |
| MIC-010_150_250 | S/A ROD ADJUSTEMENT LH-RH |

| PART # | DESCRIPTION |
|-----------------|---|
| MIC-013_150_250 | S/A CLUTCH ROD |
| MIC-014_250 | S/A HANDLE FEED TRAP 250 |
| MIC-015 | S/A AGITATOR SUPPORT |
| MIC-017_150_250 | S/A MOTOR GUARD |
| MIC-018_150_250 | S/A ELECTRIC CABLE |
| MIC-020_250 | S/A HOPPER ECO 250 |
| MIC-025 | ADJUSTBLE FEED TRAP STOPPER |
| MIC-026 | ADJUSTABLE SCOOP DISC CW |
| MIC-027 | ADJUSTABLE SCOOP CCW |
| MIC-066 | 250 TRAP DOOR SHORT ROD |
| MIC-104 | SCRAPER ASSEMBLY GUIDED |
| MIC-108 | 250 TRAP DOOR LONG ROD |
| MIC-110 | CONVEYOR CLUTCH ROD ASSEMBLY |
| MIC-113 | CLUTCH ROD ASSEMBLY |
| MIC-119 | S/A CONVEYOR SUPPORT PLATE GUIDED |
| Q-0002 | EXTERNAL RETAINING RING 5/8" |
| Q-0003 | BEARING BALL/STEEL 5/16" |
| Q-0004 | ALAN SOCKET CAP SS 1/4-20 X 1/2" |
| Q-0006 | SNAP RETAINING RING 1/2" |
| Q-0007 | FLAT HEAD 1/4-20 X 1" |
| Q-0008 | FENDER WASHER 1/2" X 2" |
| Q-0009 | FLAT WASHER 1/4" |
| Q-0011 | FLAT WASHER 3/8" |
| Q-0015 | HEX BOLT 1/4-20 X 3/4" |
| Q-0016 | CARRIAGE BOLT 1/4-20 X 1" |
| Q-0019 | HEX BOLT 3/8-16 X 1" |
| Q-0020 | HEX BOLT 3/8-16 X 1 1/4" |
| Q-0022 | HEX BOLT 3/8-16 X 2" |
| Q-0023 | HEX BOLT 3/8-16 X 3" |
| Q-0025 | NYLOCK #10-24 |
| Q-0026-L | HEX NUT 3/8-16 LEFT THREADED |
| Q-0026-R | HEX NUT 3/8-16 RIGHT THREADED |
| Q-0029 | LINCH PIN 1/4" X 1 3/4" |
| Q-0030 | LINCH PIN 5/16" X 1 3/4" LG |
| Q-0031 | LOCK WASHER 3/8" |
| Q-0033 | NYLOCK 3/8-16 |
| Q-0035 | RIVET ALU 3/16" -> REPLACED BY MIC-017-150_250 <- |
| Q-0036 | SET SCREW 1/4-20 X 1/4" LG |
| Q-0038 | METAL SCREW #8 X 3/8" |
| Q-0039 | ROUND HEAD SCREW #10-24 X 3/4" |
| Q-0040 | SERRATED FLANGE HEX LOCKNUT 1/4-20 |
| Q-0041 | SERRATED FLANGE HEX LOCKNUT 3/8-16 |
| Q-0043 | SERRATED FLANGE HEX LOCKNUT 5/16-18 |
| Q-0047 | HEX BOLT 5/16-18 X 1" |
| Q-0049 | SPRING PIN 3/16 X 1 |

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SPARE PARTS

| PART # | DESCRIPTION |
|--------|--|
| Q-0051 | LOCK WASHER 5/16" |
| Q-0052 | MACH SCREW T.P. 1/4-20 X 1/2" |
| Q-0053 | BUTTON SOCKET CAP SCREW 5/16-18 X 1/2" |
| Q-0055 | CARRIAGE BOLT 1/4-20 X 1/2" LG |
| Q-0063 | FLAT WASHER 3/4 X 1.25" OD |
| Q-0064 | CARRIAGE BOLT 1/4-20 X 3/4" |
| Q-0096 | 0.093" X 1-5/8" OAL ZINC PLATED HAIRPIN COTTER |
| Q-0114 | HEX BOLT 5/16-18 X 1 3/4" |
| Q-0126 | NYLOCK SS 1/4-20 |
| Q-0130 | FLAT HEAD 1/4-20 X 1 1/2" |
| Q-0151 | HEX BOLT 5/16-18 X 1 1/2" |
| Q-0152 | CARRIAGE BOLT 1/4-20 X 1 1/2" |
| Q-0154 | HEX BOLT 3/8-16 X 1 3/4" |
| Q-0155 | MACH. SCREW 1/4-20 X 3/4" |
| Q-0156 | CARRIAGE BOLT 3/8-16 X 1 1/4" |
| Q-0157 | HEX BOLT 1/4-20 X 1 1/4" |
| Q-0166 | FLAT WASHER 3/8" X 0.812" OD |
| Q-0265 | NYLON CABLE CLAMP ID 1/8" WIDTH 1/2 |
| Q-0267 | MACH. SCREW 1/4-20 X 1 1/4" |
| Q-0269 | METAL SCREW HEX TECK #10-16 X 5/8" |
| S-0007 | ACCELERATION HANDLE |
| S-0008 | LEFT THREADED LOWER CLUTCH ROD ATTACHMENT |
| S-0009 | RIGHT THREADED UPPER CLUTCH ROD ATTACHMENT |
| S-0018 | MIXER-BLENDER (LONG) |
| S-0020 | TENSIONER ACCELERATOR |
| S-0021 | DEFLECTOR FOR DOUBLE PLATE (LONG) |
| S-0026 | DOUBLE PLATE EJECTION SUPPORT ECO 250 |
| S-0027 | CONVOYER CLUTCH ARM |
| S-0031 | FEED TRAP MECHANISM-ECO 250 |
| S-0034 | PLATE EJECTION HUB |
| S-0082 | MIXER BLENDER SUPPORT |
| S-0161 | CONVEYOR ACTIVATION HANDLE |
| S-0168 | DRIVE ROLLER |
| S-0202 | FRAME ECO-250 |
| S-0253 | FEED TRAP-SUPPORT-ECO 250 |
| S-0256 | WELDED HANDLEBAR-ECO 250 |
| S-0260 | LEVER OPENING TRAP - ECO 250 |
| S-0274 | PLATE EJECTION ECO 250 |
| S-0279 | LEVER OPENING ECO-250 |
| S-1167 | NEOPRENE GUIDED FRONT ROLLER |
| S-1168 | NEOPRENE GUIDED DRIVE ROLLER |
| S-1183 | CONVEYOR SUPPORT PLATE GUIDED |

| PART # | DESCRIPTION |
|-------------------|---|
| SA-001_250 | S/A FEED TRAP 250 |
| SA-002_50_150_250 | S/A DRIVE ROLLER |
| SA-003_250 | S/A HANDLEBAR 250 |
| SA-004_250 | S/A DRIVE SHAFT 250 |
| SA-005_50_150_250 | S/A DIFFERENTIAL |
| SA-006_250 | S/A PLATE EJECTION 250 |
| SA-012_250 | S/A GEARBOX 250 |
| SA-013_250 | S/A FEED TRAP MECHANISM 250 |
| U-0009 | BUSHING OD 5/8 X ID 3/8 X 5/16 THICK |
| U-0011 | KEY STOCK 3/16" X 1 1/4" |
| U-0015 | SHORT COMMON ROD 12" |
| U-0017 | ADJUSTMENT DRIVE SHAFT |
| U-0025 | ACCELERATION HANDLE-PIVOT SHAFT |
| U-0034 | TENSIONER WHEEL |
| U-0038 | ACCELERATION HANDLE |
| U-0042 | ROD CLUTCH |
| U-0045 | COPPER SPACER 1/2" X 1.275" |
| U-0047 | FEED TRAP GUIDE |
| U-0048 | ROD ADJUSTMENT L & R THREADED |
| U-0052 | CLUTCH HANDLE (METAL) |
| U-0062 | MOTOR SPACER 5/16" |
| U-0066 | FEED TRAP ROD - ECO 250 |
| U-0096 | NON-SLOTTED AGITATOR SHAFT |
| U-0155 | MIXER BLENDER - KEYED SHAFT |
| U-0157 | RUBBER FLAP 26-5/8 X 2-3/8 WITH HOLES |
| U-0158 | RUBBER FLAP 14 X 2-3/8 WITH HOLES |
| U-0162 | DRIVE SHAFT |
| U-0165 | SHORT ROD LEFT THREADED |
| U-1008 | TRAP OPENING ADJUSTMENT LONG TUBE |
| U-1010 | CONVEYOR CLUTCH ADJUSTMENT TUBE |
| U-1017 | DRIVE CLUTCH ADJUSTMENT TUBE |
| U-1066 | TRAP OPENING ADJUSTMENT SHORT TUBE |
| U-1114 | FEED TRAP ADJUSTABLE STOPPER |
| X-0251 | HOPPER STICKER ECO 250-S |
| X-0255 | HOPPER STICKER/ 1ST CHOICE (4 PO. X 10 PO.) |
| X-0256 | OWNER'S MANUAL 250 |
| X-0666 | HOOK STICKER |

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