



TSV TURF
RENOVATIONS

ECO 250 TOP DRESSER

OVERVIEW

A self-propelled broadcast top dresser designed for efficient and uniform application of substrates on turf.

- Engine: Honda GX160 5.5HP, 4-stroke OHV
- Hopper Capacity: 325 L
- Maximum Load: 227 kg
- Spreading Width: 1.2 to 5.5 m (4 to 18 ft)
- Speed: Up to 8 km/h
- Weight: 145 kg
- Dimensions: 198 cm (L) x 86 cm (W) x 102 cm (H)

Best For: Topdressing with sand, soil and custom blends; lawn restoration and renovation

BEFORE YOU START

Safety Gear

- Safety Boots, Eye Protection, Hearing Protection and Gloves

Pre-Use Checks

1. Read the User Guide
2. Ensure the fuel tank is filled with unleaded petrol (provided)
3. Inspect for loose parts or damage
4. Clear or mark any obstacles such as stones, toys, or irrigation equipment

WARNINGS / DO NOT

- ⊘ Operate on wet or slippery lawns
- ⊘ Use on slopes exceeding a 15-degree incline
- ⊘ Leave the engine running unattended
- ⊘ Refuel while the engine is running or hot
- ⊘ Operate without using safety gear
- ⊘ Place hands or tools inside the hopper while the engine is running ⚠ Moving parts can cause serious injury
- ⊘ Allow children or untrained individuals to operate the machine



PRO TIPS

- Topdress only dry or slightly damp materials, excessive moisture reduces flow and risks clogging.
- Begin with small test passes to familiarise yourself and fine-tune feed rate and speed.
- Adjust the feed trap opening and engine speed to achieve the desired application rate and width.
- Overlap your passes slightly to ensure even distribution, especially on uneven ground.
- Keep the machine moving during application to avoid over-application and reduce conveyor strain.

AFTER USE

Cleaning

- Ensure equipment is clean before return by brushing off debris from the hopper, conveyor, spreading disk and exterior shell and tires
- Let engine cool before cleaning
- Avoid using water to prevent rust

Maintenance

- Check for loose parts and tighten if required
- Ensure air filter is kept clean and dry

Storage and Transport

- Store dry, indoors, away from direct sunlight
- Secure during transport using the four designated tie-down points to prevent movement

This guide is a summary only. By hiring this equipment, you agree to the full Terms & Conditions provided at the time of hire, including your responsibility for safe use, proper care, and any damage caused. TSV Turf Renovations is not liable for injury or property damage resulting from misuse or failure to follow instructions.

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HOW TO USE

Starting the Top Dresser Engine

1. Ensure the Feed Trap (Figure 1) is closed by pulling up on the Feed Trap Lever (Figure 2)
2. Disengage the Conveyor Activation Lever (Figure 3)
3. Turn the Fuel Valve to the "ON" position
4. Set the Choke to "ON" if starting cold
5. Pull the Starter Handle firmly
6. Once the engine is running smoothly, set the Choke to "OFF"

Honda GX160 Manual



Feeding the Hopper

1. Ensure the Feed Trap is properly closed using the Feed Trap Lever (Figure 2)
 2. Fill the Hopper with your chosen substrate
- ⚠ Do not exceed the maximum load capacity of 227kg, overloading may damage the conveyor system and reduce performance

Operating the Top Dresser

1. Open the Feed Trap to the desired height using the Feed Trap Lever (Figure 2)
2. Engage the Conveyor Activation Lever (Figure 3) to ready the conveyor belt
3. Squeeze the Self-Propel Handle (Figure 4) to move the spreader forward and begin spreading
4. Adjust engine speed with the throttle to control ground speed and spread width

Stopping the Top Dresser

1. Release the Self-Propel Handle (Figure 4) to stop
2. Disengage the Conveyor Activation Lever (Figure 3) to stop the conveyor belt
3. Close the Feed Trap (Figure 1) with the Feed Trap Lever (Figure 2)
4. Turn off the engine if refilling or finished

Eco 250 Top Dresser Manual



FIGURE 1

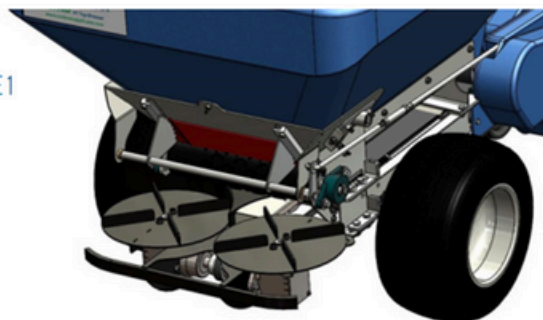


FIGURE 2



FIGURE 3



FIGURE 4



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