



Get the most from your precision Gandy Applicator Poly Adjustable Slotted Bottom Applicator

Read This Owner's Guide-

This manual is a guide in assembly, care and use of your Gandy applicator. A parts list is also provided so you can order replacement parts from your dealer when needed. Be sure to specify the model and serial number. Record them below for your reference.

Applicator Model Number _____

Hopper Serial Number _____

Install Correctly:

Install applicator at application site so hopper is level.
Be sure electrical connections are correct.
Check regularly for loose bolts, pins, and chain alignment.
Check gauge setting for desired rate. Accurate results require a careful operator.

Understand Application Variables:

Precise granular application depends on these factors:

1. Product Characteristics:

Since many variables such as age of material, variations in formulation, humidity and temperature affect flow characteristics, we recommend checking your results before each application.

2. Gauge Setting:

The adjustable slotted bottom Gandy applicators depend upon gravity flow of particles through the adjusted opening. Rotor speeds between 10 and 20 rpm are usually acceptable. The sprocket ratio provided achieves this.

3. Application Rate:

Think of your Gandy applicator as the top half of an hour glass or egg-timer, and you will visualize how a change in speed, without changing opening size can change application rate. For example, if you set your gauge for a certain conveyor speed but operate it at twice the speed, you are applying half the desired rate. Check your application results to be sure that such changes aren't affecting your application rate.

Determine Proper Gauge Setting.

1. Determine rate from product label.

2. Set Gauge:

Adjust spring-loaded slide to desired opening by adjusting cam gauge to desired position (0-80).
Closed position is at 0, fully open at 80.
Spring-loaded tension will keep it in place.

3. Check Results:

Conduct a calibration by collecting material for a timed period. Weigh amount caught.
Adjust cam gauge setting if needed and recheck.

Proper Storage:

Empty the hoppers before letting them stand idle for any length of time. Following safety precautions listed on the product container, remove and safely store all material. Wipe the applicators clean and properly dispose of cloths and tools used in cleaning. Material left in the hopper may pick up moisture and plug or corrode the applicator.

To Remove and Empty Hopper.

1. Run hopper empty with slide set at fully open.
2. Disconnect motor from electrical source.
3. Sweep out contents with long handled brush.

Warning:

Do not place hand in hopper as rotors are sharp.

4. When material is free flowing, reconnect motor to electrical source and dispense remaining material.
5. Remove hopper and u-frame from mounted location and invert to empty.

12-Volt Electric Motor Drive:

1. Power Requirement:

Under normal load the motor will draw between 2 and 3 amps. Under adverse conditions the load will increase up to 5 amps indicating that the rotor is not turning freely and the bearings may need to be cleaned. Road travel with hoppers filled can cause compaction of some materials, making it difficult for the motor to start; therefore, fill hoppers just before use in the field.

NOTE: Under normal load the motor will run hot.

2. Rotor speed:

Properly installed, the motor turns the rotor within the recommended 10-20 rpm.

3. Safety Recommendations:

It is Gandy Company's sincere desire to manufacture safe products based upon the highest standards available for use by our customers. In the interest of our customers, we urge here and via safety decals on Gandy equipment that caution be exercised when operating any applicator. Please keep all shields and guards in place. Carefully read and adhere to the instructions. Replace any decals if they become defaced or lost.

110-Volt Electric Motor Drive:

1. Power Requirement:

The 110-Volt motor has been geared down to provide the 15-20 rpm recommended for proper agitation of the material.

2. Wiring Connections:

Be sure that electrical hookup follows electrical safety guidelines and the unit is properly grounded.

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