

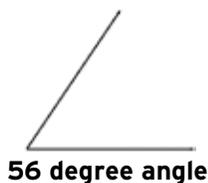
ChangingTimes

Changing Times Dry Applicator Instructions and Adjustments

Available models: **6 gallon 12v** **14 gallon 110**
 6 gallon 110 **21 gallon 110**

Mounting

CT Dry Applicator can be mounted by bolting the applicator mounting bracket to a flat mounting area directly above the target application area. Attach the 2" hose to the bottom cone to direct the flow of powder to the center of the target application area. A section of hose is provided.



If mounting of CT Dry Applicator needs to be to the left or the right of the target application area such that 2" hose must be at an angle, the angle should not be less than 56 degrees and hose must be smooth inside to allow powders to flow freely. Additional 2" hose will be needed and is not provided.

Run 2" hose to the center point where seed is moving into auger, conveyor belt or at the center of pickup attachment for hay or silage inoculants to insure proper placement of talc, inoculant or other dry powder products. Hose should be placed no more than 2" above the target application to minimize impact of wind. Do not let seed or other material build up around the 2" tube to avoid powder back up in the hose.

The center point of the application target may change as the auger or conveyor is moved from side to side for planter fill or other reasons. In that case, the 2" hose should be attached to a 90 degree bracket that is fastened to the auger or conveyor to keep the hose centered. That bracket is not supplied. Keep the lid on except to fill and keep hands out of the container when it is running.

Calibration

Powder application rate can be varied by adjusting the rotation speed of the agitator/brush. The agitator/brush will begin to rotate and increase speed to setting 10. Calibration is made by measuring the quantity of powder dispensed per minute and correlating the setting number on the speed control to the amount of seed, hay, silage or other target product that will pass by the hose opening in one minute. **The green screen (1/8") is the standard screen that is installed in the applicator.** Additional screens are included for lower and higher application rates.
Red = 1/16" Blue = 3/32" Yellow = 5/32" Black = 1/4"

Material quantity that will push through the screen will vary depending on the density of the product, amount used, humidity, and/or other environmental factors. Please refer to the rate charts for products tested and approved.

Changing Screens

Tools needed: 7/16" wrench, 1/8" allen wrench

1. Take off clamp that holds clamp to applicator with 7/16" wrench.
2. Take off swiper by using 1/8" allen wrench from agitator arm.
3. Take off current screen on agitator arm and replace with desired screen. (color side down)
4. When changing the screens, be sure to place the 5 hole plate below the screen (see figure A). **If not using the 5 hole plate, you must insert the metal spacer ring (see figure B).** The brush needs to rotate on the screen surface to keep it clean and keep the powder moving.
5. Replace swiper on agitator arm and hand tighten allen screw just enough to hold swiper (**do not over tighten**).
6. Replace cone and clamp and tighten securely.

Use the smallest screen possible with a higher control rate setting as motor RPMs will be higher, producing better product consistency, motor longevity, and prevention of motor stoppage with lower settings.

Figure A



Figure B



Brush adjustment may be necessary as brush wears. To adjust the brush, loosen the 4-1/4" motor mount bracket bolts with 7/16" wrench. Apply downward pressure on top of the motor until there is proper brush contact with the screen. Bristles should lean back slightly when brush rotates.

* To avoid set-up problems associated with long-term storage of dry product in the hopper, empty the hopper completely when done treating seed. If you leave product in hopper for an extended period of time there may be product settling causing the applicator to not run, in this case use a stir stick or spatula to loosen up dry product in hopper before you start treating!

Photo 1



Photo 2



Photo 3



How to Attach Auger to Applicator

1. Remove cone from Applicator. (photo 1)
This is now the time to change the screen if needed. Follow instructions on how to change screen.
2. Attach auger cone with 5-hole restrictor plate or spacer to Applicator. (photo 2)
3. Tighten clamp when the auger is positioned as needed. (photo 3)
4. Wire according to instructions.
5. Keep the cone from the Applicator as it may be needed if you decide not to use the auger.



Changing Times Applicator Warranty

General Warranty Coverage:

CT Applicator parts* are guaranteed for 12 months from the date of shipment.

The following is made in lieu of all warranties, expressed or implied: Changing Times warrants all material and workmanship on equipment to be free of defects for a period of 12 months from the date of shipment. Any part or parts thought to be defective within these 12 months are to be returned by the customer to Changing Times. Changing Times only obligation shall be to repair or replace parts proved to be defective by Changing Times. Changing Times shall not be liable for any injury, loss or damage, direct or consequential, arising out of the use of, or the inability to use, the applicator. Before using, user shall determine the suitability of the product for the intended use, and user assumes all risk and liability. This warranty does not apply to products altered by users after the point of manufacture. Changing Times policy is to improve products whenever it is practical to do so. We reserve the right to make changes or improvements at any time without incurring any obligation to make such changes on products sold previously.

Effective Jan. 1, 2015.

*Automated panel warranty is 90 days.

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2832 9th Ave. SW, Unit 16 • Watertown, SD 57201
PRODUCTION, SALES & SUPPORT: 605-878-3611
E-mail info@ctapplicators.com

HEADQUARTERS:
PO Box 21, Buffalo, SD 57720

www.ctapplicators.com



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