

Conveyorized Glue Applicator

Installation & Operation Manual



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Contents

Introduction.....	9
Installation	11
Operation.....	13
Daily Operation	13
Clean-Up	13
Maintenance	15
Monthly.....	15
Electrical Diagrams	17

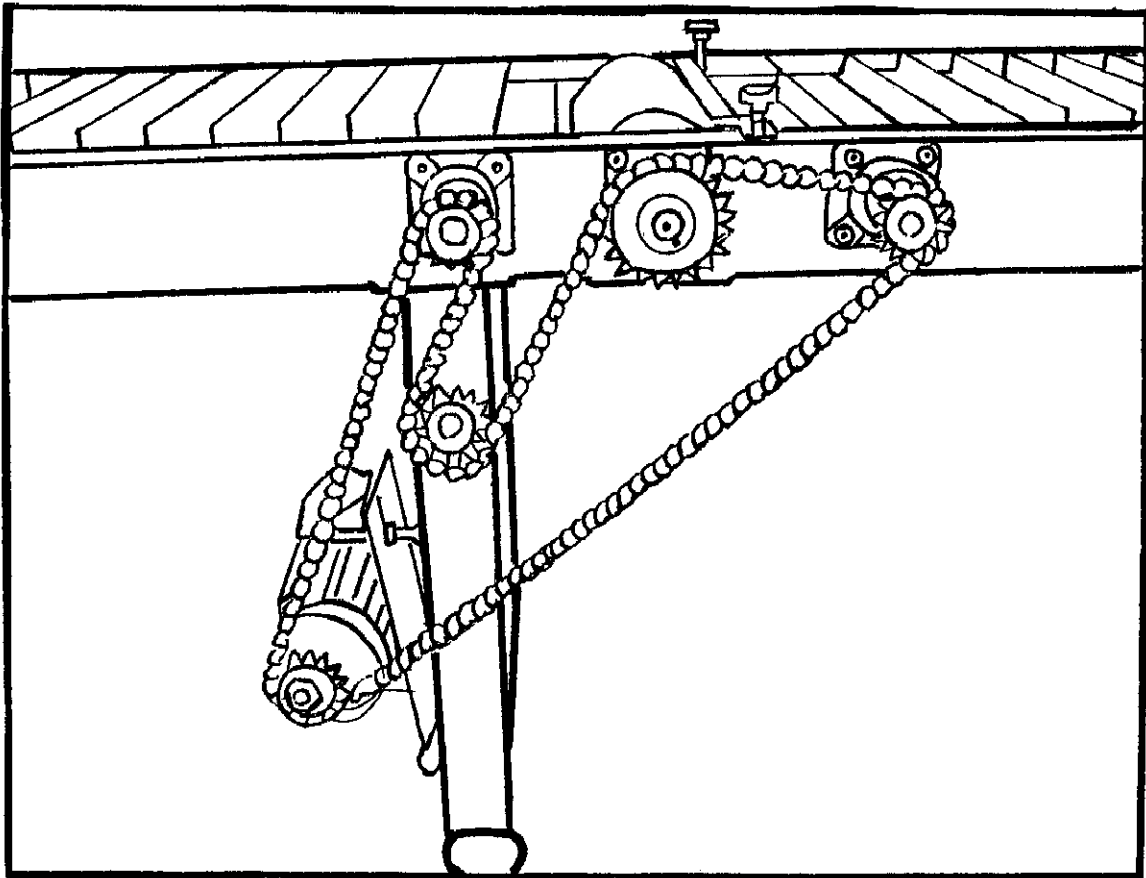
Introduction

Thank you for your purchase of a QUICK Conveyorized Glue Applicator. Your machine has been designed for many years of trouble-free performance. Please read this installation & operation manual and follow its instructions to correctly install, operate and maintain your Conveyorized Glue Applicator. Doing so will help ensure optimum productivity and reliability of your machine.



Installation

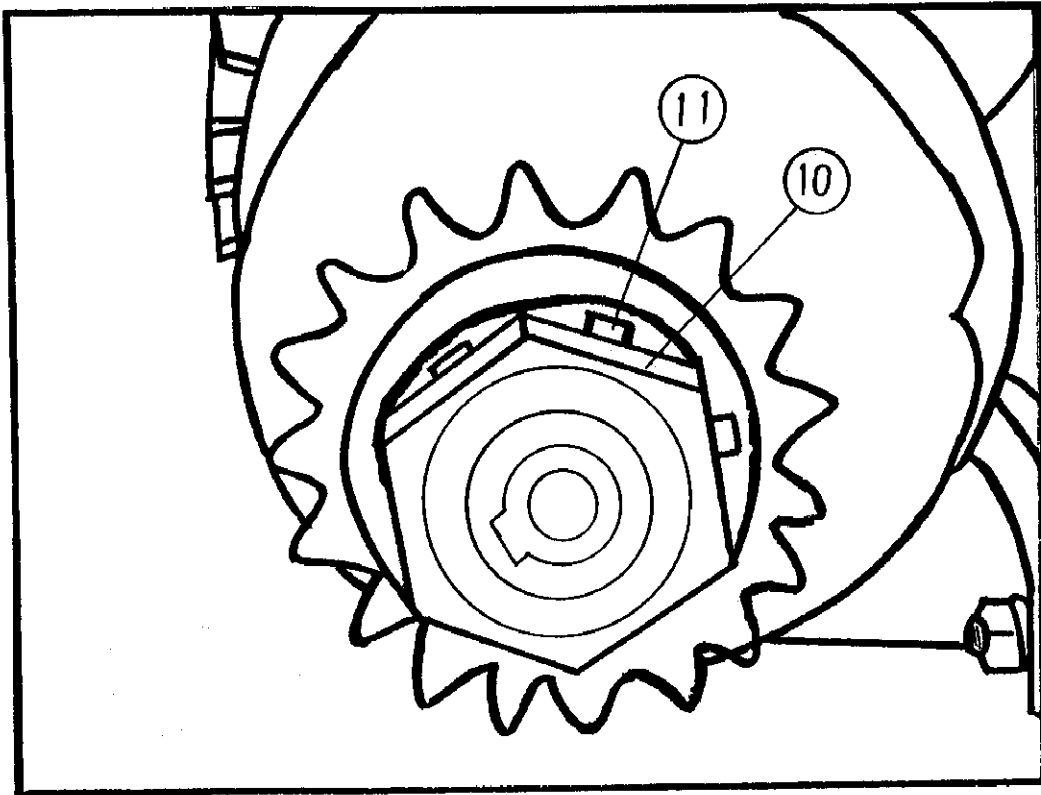
1. Remove the wooden shipping pallet from underneath the machine.
2. Install each of the three legs according to their number markings.
3. Install the chain on the sprockets as shown below.



4. Install the chain guard.
5. Place the machine on a flat concrete floor. Adjust the levelers on the Glue Applicator feet such that all of the feet touch the floor and the Applicator is level.
6. Attach the proper-voltage (same as the Glue Applicator motor) 3-phase power source to the Glue Applicator's power connection box. Be sure to connect a proper ground connection to minimize the risk of electrical shock. Make sure to check that the motor turns in the proper direction. If not, reverse two of the three 3-phase power source leads.

Installation

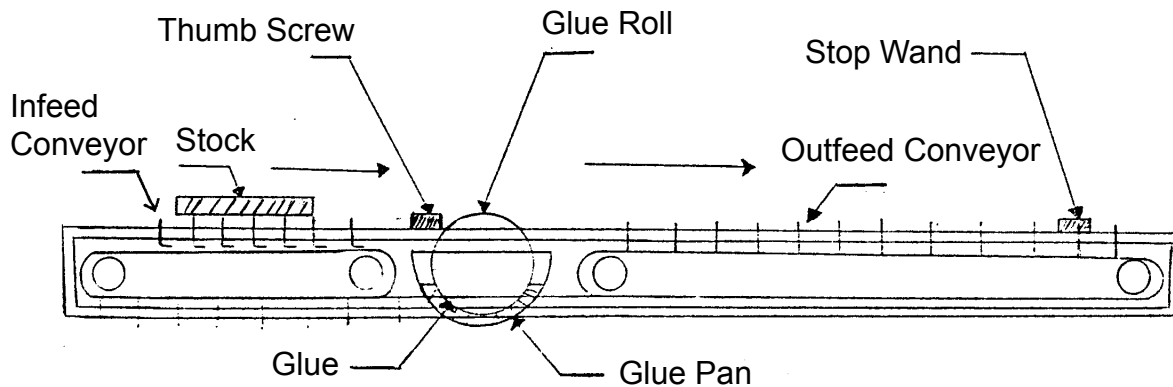
7. Adjust the safety slip clutch on the motor such that the conveyors stop when pulling on them by hand. This will help maximize operator safety and will help prevent the conveyor cross bars from bending or breaking should stock get stuck in the conveyor.



Adjust the slip clutch by straightening the tabs on the the tab ring (11), adjusting the nut (10), then re-bending the tabs on the tab ring.

8. Apply glue release to the conveyor crossbars to keep glue from sticking to them. This will make clean-up of the crossbars quick and easy.

Operation



Daily Operation

1. Remove the glue pan cover and store it underneath the Applicator by hanging it on its storage hooks:



2. Install the stainless steel doctor blade if it isn't already installed.
3. Fill the glue pan with glue, to a level that is $\frac{1}{3}$ of the way up the glue roll.
4. Start the motor. Let the Applicator run for a minute or so.
5. After the glue roll grooves have filled with glue, adjust the thumb screws to set the doctor blade for the desired glue spread.

Operation

6. Place stock on the infeed of the conveyor.
7. The stock is automatically conveyed over the glue roll, where glue is applied to the underside of the stock. The stock then travels down the outfeed conveyor until it reaches the stop wand. The conveyor then stops and waits for the stock to be removed from the Applicator. When the stock is removed, the conveyor automatically starts again.

Clean-Up

1. **Every day** after gluing, remove the doctor blade. Clean the doctor blade in warm water. Either spray a mist of water onto the top of the glue roll, or place some wet rags on top of the glue roll. Place the glue pan cover snugly over the glue pan. The glue should remain liquid, without skimming over, until the following morning.
2. Clean the glue from the conveyor cross bars.
3. To make tomorrow's clean-up as easy as possible, apply glue release to the conveyor cross bars.
4. **At the end of the work week**, remove the doctor blade and glue pan. Clean the wiper blade in warm water, and clean most of the glue from the glue roll and glue pan with warm water.
5. Replace the glue pan. Fill the glue pan 1/2 full with warm water. While running the Applicator, clean the glue roll with a soft brush (not a steel brush, as this will damage the rubber roll!):



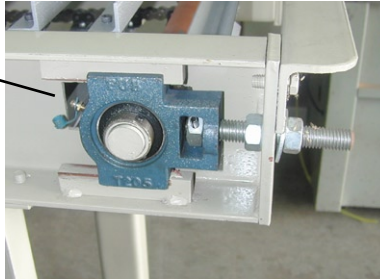
6. Remove the glue pan again, and dump out the water. Replace the glue pan.

Maintenance

Monthly

1. Oil the drive chain and the conveyor chains.
2. Grease the conveyor bearings. The bearings have Zerk fittings for this purpose.

Zerk Fitting



3. Adjust the safety slip clutch, if needed, for proper operation (see Installation section, pages 11 & 12).

Electrical Diagram

