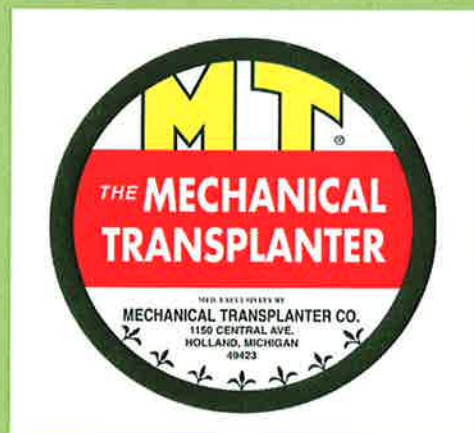


Mechanical Transplanter Company

Model 95 Tunnel Layer Operation & Assembly Manual

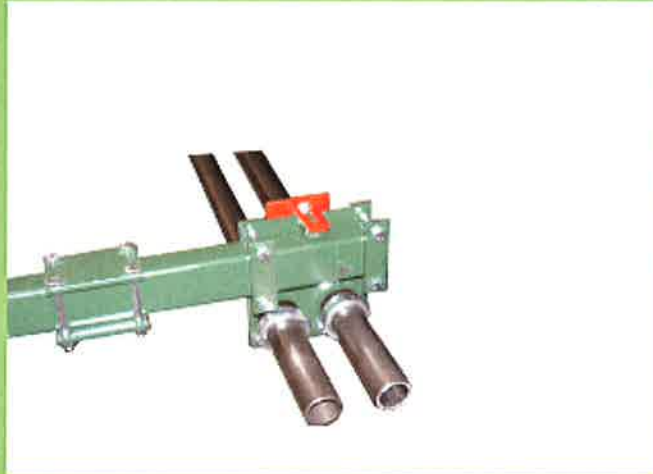


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Model 95 Setup Instructions

1. Remove main frame from crate and set it up on a level stand or put the wheels on.
2. Stand behind unit looking toward the tractor to know which parts are left and right.
3. Bolt the two main back arms to the front frame using the four 5/8 x 2" bolts that are in the front arm. (Note left and right arm labels)



4. Take the coulters arm shown below and put 1-1/4" machinery bushing on shaft.



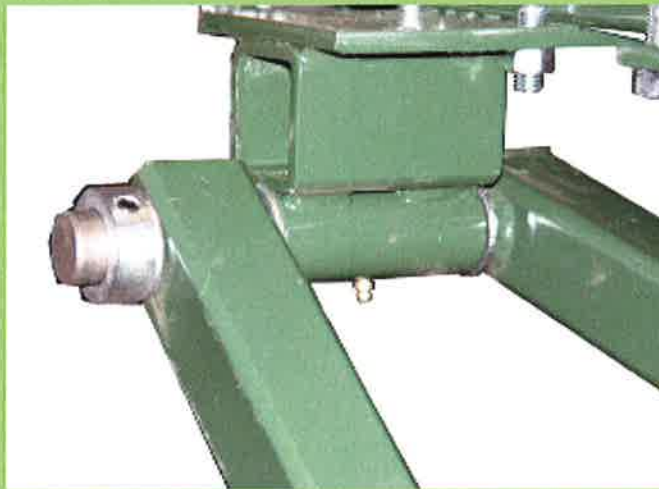
5. Slip arm into tubing under plate on the rear frame.



6. Put another 1-1/4" machinery bushing on the shaft, then slide the inside arm with smooth wheel attached, onto the shaft.



7. Put one more 1-1/4" machinery bushing and 1-1/4" set collar on the shaft.



8. Fasten disc hiller onto red plate as shown. The coulters can be adjusted in the lay down position as shown or more upright for hard soils.



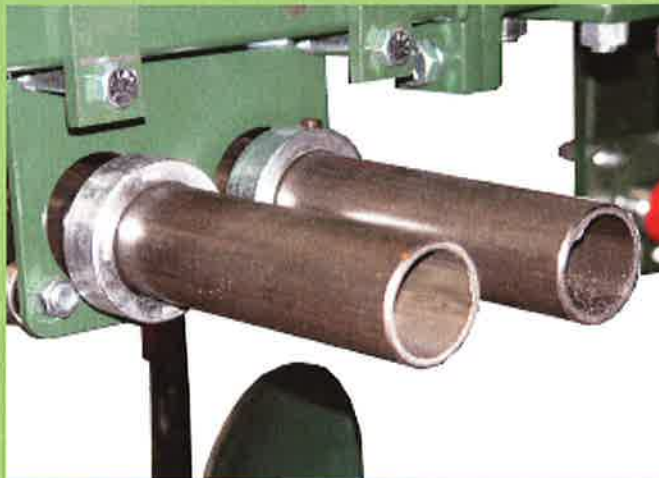
9. Fasten lift chains to rear arms as shown. Bolts and washers are already on chains. Make sure washer is on top of chain.

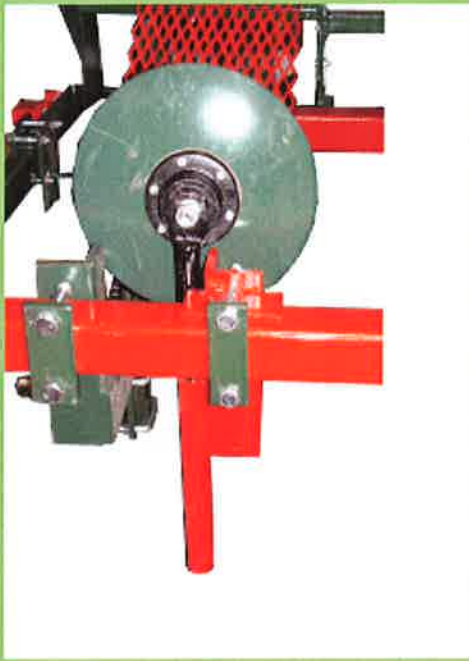


10. Slide both roll holders onto rear 2" sq. tubing. Loosen bolts on side arm plate and lift plates. Slide bar under plates. Center and tighten plates and roll-holders.



11. Slide both rollers through plates under frame. Center and put four 2-5/16" set collars on rollers.





12. Picture to left shows disc hiller in the shipping position. Loosen black disc hiller arm and remove from the bracket. Wait to install disc hiller arm from the bottom until unit is hooked up to tractor; then raise unit, insert disc hiller, as shown in picture on the right. Tighten with two set screws. Otherwise, loosen bracket from toolbar and insert disc hiller. Refasten bracket to toolbar. These will have to be readjusted once planter is out in the field to set depth and angle for desired cut.

OPERATION INSTRUCTIONS FOR MODEL 95

1. The Model 95 is configured for the size wires specified when ordered. The heads are preset in the factory for these wires. No adjustments should be made until unit has been tried. When Model 95 is in operation, the wires will lean forward when the plastic is pulled over them. They will stand upright as the sun warms the plastic and causes it to stretch.
2. If it is determined that the wires lay too far back or forward, adjust the angle by slightly rotating the plates with slots.



3. Head in closed position. If head has wear or the wire slips out, check the clearance between the roller and closing cam. The cam should run close to the roller. To adjust, loosen the two set screws on the cam and move in.



4. A,B&C. To widen unit for 76" wires, loosen clamps on one side of the unit. Loosen outside arms, back side-arm clamp, inside wheel brackets, coulter brackets, back roll holder bar plates and move outside 6":

A



B



C



5. The angle iron between the wire holding brackets must be replaced with a longer or shorter one depending on the desired width.

ANGLE IRON



6. For narrow 56" wires, follow above instructions but move arms in toward center 5". Remember to move one side at a time to keep entire frame square.

Safety Precautions

1. Make sure tractor is stopped and in neutral with the transplanter lowered to the ground before getting on and off the unit.
2. No operator is allowed to be on the unit as it is raised and lowered.
3. No operator is allowed on the transplanter as it is transported to or from the field.
4. All operators must be seated before movement begins and remain seated until the transplanter is completely stopped.
5. Never leave the transplanter in the raised position.
6. Keep all shields and guards in place when operating the transplanter.
7. Never attempt repairs or maintenance while the transplanter is in motion.
8. Never put the tractor in reverse while the transplanter is on the ground.
9. Follow all safety instructions supplied by the tractor manufacturer to which the transplanter is mounted.

MACHINE IMPROVEMENTS

MECHANICAL TRANSPLANTER CO. IS ALWAYS STRIVING TO MAKE IMPROVEMENTS ON THEIR LINE OF EQUIPMENT. MECHANICAL TRANSPLANTER CO. RESERVES THE RIGHT TO MAKE IMPROVEMENTS AND CHANGES AT ANY TIME WITHOUT INCURRING OBLIGATIONS TO MAKE SUCH CHANGES OR ADDITIONS TO EQUIPMENT PREVIOUSLY SOLD.

Limited Warranty

Mechanical Transplanter Company warrants each item of new equipment manufactured by Mechanical to be free from defects in material and workmanship under normal use and service.

The obligation of Mechanical Transplanter Company under this LIMITED WARRANTY is limited to repairing or replacing as Mechanical may elect, and any parts that prove, in Mechanical's judgment, to be defective in material and workmanship within the first season's use or 45 consecutive days after initially placing equipment in operation, whichever occurs first. Any outside work or alterations without Mechanical's written approval will render the LIMITED WARRANTY void.

Mechanical's obligation specifically excludes any liability for consequential damages, such as loss of profits, delays, expenses, damage to goods or property used in connection with or processed in or by the product sold, or damage to the product sold from whatsoever cause, whether or not such loss is due to negligence of selling dealer of Mechanical Transplanter Company.

This limited warranty shall not apply to any item or machine which shall have been operated in a manner not recommended by the Company nor which shall have been repaired, altered, misused, damaged in an accident, neglected, tampered with or used in any way which in the Company's opinion adversely affects its performance and results.

No person is authorized to give any other warranties or to assume any other liability on behalf of Mechanical Transplanter Company, unless made in writing by Mechanical.

This limited warranty covers repair or replacement of Mechanical Transplanter Co. equipment only and does not cover crop loss, downtime, labor, damage to other equipment, etc.

This limited warranty does not apply to exterior finishes, tires, chain links, bearings, or any other items sold by Mechanical Transplanter Co., but warranted by the original manufacturer except to the extent of their individual manufacturer's warranty.

THIS LIMITED WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WARRANTIES OF MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSE ARE EXCLUDED, AS ARE ALL OTHER REPRESENTATIONS TO THE USER-PURCHASER, AND ALL OTHER OBLIGATIONS OR LIABILITIES, INCLUDING LIABILITY FOR INCIDENTAL AND CONSEQUENTIAL DAMAGES, ON THE PART OF MECHANICAL OR THE SELLER.