

Mechanical Transplanter Company



Model 94 Bed Shaper Assembly

Instructions & Operating Instructions



Model 94 Assembly Instructions

Photo shows bed shaper after shipping crate is removed.

1. Lift all loose parts from middle of unit and set aside. Now remove bolts from large red clamps on back of toolbar.

2. Install the two green side arms into red clamps with the two $3/4 \times 4-1/2$ " bolts and $3/4$ " lock nuts, using the top hole in clamp. Make sure arms are installed with the disc hillers on outside of arms as shown.
3. **DO NOT TIGHTEN** arms too tightly. Lock nut should be tightened only enough so arm can still move up and down freely in clamp.



4. Remove extra roll carrier arms from second or back toolbar. Now rotate them so they are parallel to green arms and bolt them both back onto toolbar.
5. Next remove both wooden cone brackets and turn them from the forward position to a backward position as shown in photo.

6. Loosen 1-1/2 square green tubing and slide it through brackets under side arms. Tighten set screws after bar is centered.



Model 94

Operating Instructions

1. It is best to have soil worked loose so disc hillers can grab plenty of soil to form proper
2. Lengthen third arm on tractor so unit is tilted slightly back. This will put pressure on back of plate to pack bed properly.
3. Install roll of plastic by sliding one wooden cone. Then adjust both so roll is centered.
4. When you begin, adjust disc hillers in front to soil conditions to bring enough soil under pan. Rear wheels may have to be adjusted to keep plastic tight under wheels. Rear disc hillers should be angled to bring in desired amount of soil to hold plastic drum.
5. If soil is not worked deeply enough and the disc hillers are not going deep enough into the ground, place a 5 gallon pail filled with weight in each round pail holder on green side arms. Use enough weight to force arms deeper into the ground.
6. If you want a flat top on your bed, leave the bolts on each side at the back of the main pan up. For a crowned bed, turn bolts in or down.

For different sized beds, side plates can be moved in or out using adjusting holes. Move side arms accordingly.

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