Mulch Pot Planter Model 1265

Assembly and Operating instruction with parts list and spacing

PHOTO SHOWS PLANTER WITH STANDARD SINGLE WHEEL DRIVE AND IDLER WHEEL, AND OPTIONAL FULL TOP TRAY

LIST OF PARTS AND SUB-ASSEMBLIES NEEDED FOR MODEL 1265

*Unit main frame, with potholder spades, front stand and rear axle.
*Rear drive wheel. (two for dual wheel drive)
*Idler wheel with upright. (only with single wheel drive)
*7/8 drawbar shaft.
*3 pt. hitch or tool bar hitch.
*Two pot carrying trays and two pair of tray support brackets.
*Two tray bracket stabilizer bars.
*Two knee guard bars.
*Mulch sled
*Two fiber glass seats and seat support brace.
*Two packing wheels mounted on cross tube.
*Two pivot arms for packing wheels.
*Drive chain.
*One bag of misc. bolts.

OPTIONAL EQUIPMENT

*Water valve.
*Watering system barrel, brackets, straps, hose & clamps.
*Top tray, for extra plant carrying capacity, with two tray brackets.
*16" gauge wheels with tapered bearings, to help control planting depth.
*Offset 3 pt. hitch, for planting twin rows, 7 to 22 inches apart.
*Cat. II 3pt. hitch.
*Dual wheel drive, for extra traction and stability, in hilly and/or sandy soil.
*Row markers, for planting in bare ground.
*Cushion padded seats.
MODEL 1265 ASSEMBLY

The standard Model 1265 Mulch Pot Planter comes with a single drive-wheel mounted on the left side of the machine plus an idler wheel on the right side. A dual wheel drive model (shown below) is also available. NOTE: FOR PURPOSES OF THESE ASSEMBLY INSTRUCTIONS, THE RIGHT AND LEFT SIDE OF THE MACHINE IS DETERMINED AS IF YOU ARE STANDING BEHIND, LOOKING FORWARD, WITH THE MOUNTING HITCH BEING CONSIDERED THE FRONT.

Step 4 - IDLER WHEEL (SINGLE DRIVE-WHEEL MODEL ONLY) See photo C

In most cases, the idler wheel (1) and upright tube (2) are assembled as a unit, at the factory. It is "turned in" for shipping, to save space. Loosen the set screw, remove entire unit, turn it around and re-insert into the horizontal adjustment tube. Adjust sideways both the drive wheel and idler wheel to follow in the same tracks as the tractor wheels. This will give a more uniform planting depth for your plants. If your planter did not have the wheel and upright assembled, simply slide wheel on the axle and secure in place with cotter key, then attach to frame as described above.

Step 5 - TAKE SLACK OUT OF DRIVE CHAIN

Position yourself behind the planter. Grasp the drive-wheel axle and pull toward you until the drive chain is tightened. Back off, leaving about 1/2" slack. DO NOT OPERATE WITH DRIVE CHAIN TIGHT. Tight chains will cause wheel slippage. AT THIS POINT TIGHTEN AND SECURE ALL BOLTS, INCLUDING REAR AXLE, DRIVE WHEEL AND IDLER WHEEL BOLTS.

Step 6 - DUAL DRIVE-WHEEL (Optional)

For dual wheel models, repeat step 3 using right side drive-wheel. Reference numbers are exactly the same as a single drive model. Take up slack in both drive chains, as in step 5.

Step 7 - PACKING WHEELS See Diagram D and Photo D

The packing wheel assembly attaches below the rear of the main frame. Attach the pivot arms to the bottom of the mainframe by inserting two 5/8" pivot pins through the square tubes on the main frame. Slide the pre-assembled packing wheel assembly onto the pivot arms (1) and tighten set screws. Adjust packing wheels for both the distance between them (plant clearance) as well as angle of slope (plant packing). We suggest you begin with the bottom of the wheels about 3° apart at a 60 degree angle. Make Adjustments for your desired packing of soil once in the field. The weight bracket (2) is designed to hold a 5 gallon pail. Add soil in the pail until the right amount of weight is applied to the wheels to insure the desired amount of packing of soil around each pot.
Step 8 - ATTACH SEATS
Attach seats to the support bar with the four bolts furnished for each seat. The only difference between the fiberglass (standard equipment) or the cushion seat (optional) is, the fiberglass has built in bolts while the cushion seat has nuts recessed into the seat frame.

CAUTION
After installation (either seat) you must check for clearance between the back of the seat and the hitch. Raise planting unit and check for clearance. Seats can be moved by bolting through a different hole in the "Seat Adjustment Bar".

Step 9 - POT CARRYING TRAYS
Photo E

As you stand behind the machine, one pair of triangular shaped tray brackets (with short bolts - 1&2) attach to the right side of the main frame. The second pair (with long bolts - 3&4) attach to the left side. The two front brackets (1&3) attach just behind the bearing support of the Idler Disc (6). The two rear brackets attach just ahead of the rear frame member. Two 1/8 x 1-1/4 x 21" flat cross support bars (7) are positioned on top of the brackets. Line up the holes and attach with the same bolts that secure the two trays.

NOTE: The dual wheel drive machine uses ALL long bolts on the tray brackets.

Step 10 - KNEE GUARD
Attach one knee guard on each side of the machine. This is a flat 2" x 1/8" x 23" long bar. One end is bolted to the front tray support brackets (1 and 3)(photo F). The other end is attached to the seat support bracket.

Step 11 - PLANTING DEPTHS
Photo G
The depths pots are planted is controlled by the height of the frame above the drive-wheel. If you followed instructions in step 3 on the location of the drive-wheel axle, there should be approximately 18" from the bottom of the main frame to the planting surface. The front of the machine should be 19" above the bed or planting surface, (see photo G). The combination gives a slight uphill slant which is the recommended starting position.

Step 12 - IN FIELD ADJUSTMENTS
Once planting begins, small changes in the desired planting depth of the plants can be done by raising or lowering the front of the machine with the tractor's hitch. Monitor the front of the machine with the tractor's hitch. Make regular checks to assure correct planting. Plants should not have pot showing above the ground, as this can cause wicking of the root ball which could result in plants drying out and dying.
POCKET SPADES
ASSEMBLY

DIAGRAM E

ROTATING DISCS TO
HOLD POCKET SPADES

DIAGRAM F

REF PART  NO  NO  DESCRIPTION
1  M-27  Frame support arm
2  M-37  Retaining pin for arm
3  M-38  Closer adjustment spring
4  M-39  Holder frame with bearing
5  M-31A  Spade spring
6  ------  Pair of spades - see number & sizes below
7  M-31  Spade pivot rod
8  M-32  Mulch cutter
9  M-29  Idler arm bearing, with bushing
10  M-28  Idler arm
11  M-30  Idler arm bearing bolt, with valve trip.
12  M-9  Spacing adjustment washers
13  M-37A  Frame holder bearing (2 needed) - with shim

NOTE: M-25 Complete spade holder assembly
Includes:
1 - M-26  1 - M-30  1 - M-97
1 - M-27  2 - M-31  2 - M-98
1 - M-28  2 - M-31A  M-9
1 - M-29  1 - M-32  (Number needed varies)

Plus 1 set of spades - (designate size and number)

NOT SHOWN
M-10P Plastic insert, with bracket, for M-10 spade.
M-60 Mulch slide
M-80A Mulch slide, rail only.

SPADE SIZES
The 1265 Holland Pot Planter comes with 3 to 8 spade holders, depending upon planting spacing. However, there are a number of different sized spades available to accept your own particular size pots. The "spade holders" will accept any of the following sized pocket spades:

SPADE  CELL OR POT NUMBER POT SIZE SHAPE
M-10  3/4  Round or Square
M-10A 1 1/2" - 1 1/2"  Round or Square
M-11  1 1/2" - 2"  Round or Square
M-18  2 1/2" - 3"  Round or Square
M-16  4"  Round or Square

CHANGING POCKET SPADES
Remove present two part spade by first removing mulch cutter (8). Disconnect springs from top of spade. Insert punch into holes in back of holder frame (4) and tap out the pivot rods (7). CAUTION. Make sure you "catch" the spacing adjustment washers which are located between the holder frame and the pivot rod sleeves, attached to the pocket spade. Put new spade in using reverse order. IMPORTANT ADJUSTMENT. Make sure you use both adjustment screws and the spacing washers to "center" the spade in the holder frame. The spade must be centered from side to side within the holder, and bottom edges must be lined up and also flush with each other to get the right planting action. M-10 and M-10A spades use the inner set of holes, all other spades use the outside set of holes.

MAINTAINING A BALANCE
The rotating discs (1 and 11, diagram F) on your 1265 Mulch Planter must always remain "in balance". Check chart below for correct number of spade holders required to get the distance between plants that you need. However, remember a minimum of 3 or 4 arms and holder frames are required to keep the planter running smooth and "in balance", and will help cushion any shock should you run into a rock or other hidden object which could otherwise cause damage, i.e. 42" and 84" spacing must have a minimum of 4 arms and holder frames.

PLANT SPACING CHART

Distance wanted between plants.

<table>
<thead>
<tr>
<th>10'</th>
<th>12'</th>
<th>14'</th>
<th>17'</th>
<th>21'</th>
<th>24'</th>
<th>28'</th>
<th>34'</th>
<th>42'</th>
<th>55'</th>
<th>84'</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>No. of spade holders needed</th>
<th>8*</th>
<th>7**</th>
<th>6***</th>
<th>5</th>
<th>4</th>
<th>3</th>
<th>3</th>
<th>5</th>
<th>4</th>
<th>3</th>
<th>4</th>
</tr>
</thead>
</table>

*The 8 holder machine is a special order, available only with M-10 or M-10A spades.
**Not available with M-15 or M-16 spades.
***Not available with M-16 spades.

You pick the spacing you want. We will attach spades to the disc to match the distance you request, per the drawings shown above.
WATERING SYSTEM

Holland’s special optional watering system is designed to give plants that important first shot of liquid. This can be just water, or a liquid fertilizer.

<table>
<thead>
<tr>
<th>REF PART NO</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-150-3</td>
<td>Control guide assy.</td>
</tr>
<tr>
<td>2-84</td>
<td>Water valve reservoir assy.</td>
</tr>
<tr>
<td>3-83</td>
<td>Valve reservoir clamp</td>
</tr>
<tr>
<td>4-80</td>
<td>Spout</td>
</tr>
<tr>
<td>5-76</td>
<td>Connecting link for rocker arm assy.</td>
</tr>
<tr>
<td>6-85</td>
<td>Rocker arm assy.</td>
</tr>
<tr>
<td>7-72</td>
<td>Adjustment rod</td>
</tr>
<tr>
<td>8-71</td>
<td>Valve mounting bracket</td>
</tr>
<tr>
<td>9-84</td>
<td>Adjustment plate for supply tube</td>
</tr>
<tr>
<td>10-82</td>
<td>Supply tube</td>
</tr>
<tr>
<td>11-86</td>
<td>Trip arm</td>
</tr>
<tr>
<td>12-83</td>
<td>Trip plate</td>
</tr>
<tr>
<td>21-73</td>
<td>Adjustment collar</td>
</tr>
<tr>
<td>22-75</td>
<td>Connecting tube</td>
</tr>
<tr>
<td>23-74</td>
<td>Cushion spring</td>
</tr>
</tbody>
</table>

Note: Some parts of the watering system have been modified after the 1984 models. When ordering, make special note if your model is 1984, before, or after 1984.

WATER VALVE PARTS

<table>
<thead>
<tr>
<th>REF PART NO</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>13-151</td>
<td>Hex air vent cap</td>
</tr>
<tr>
<td>15-93</td>
<td>Air valve seat with both metal and rubber washer (P-93-A)</td>
</tr>
<tr>
<td>16-82</td>
<td>Male brass air valve</td>
</tr>
<tr>
<td>17-96</td>
<td>Ball float</td>
</tr>
<tr>
<td>18-95</td>
<td>Brass ball support</td>
</tr>
<tr>
<td>19-84</td>
<td>Lower rubber valve</td>
</tr>
<tr>
<td>20-87</td>
<td>Spout clamp</td>
</tr>
</tbody>
</table>

NOTE: Complete water valve includes Ref. No's 1 thru 21

HOLLAND TRANSPLANTER CO.

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