Seedbed Rollers
Assembly and Use

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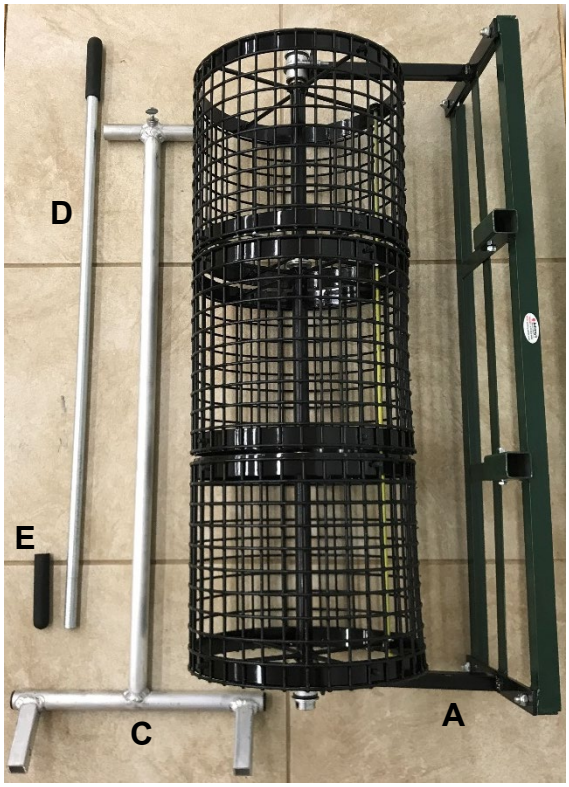


Seedbed Rollers are used to prepare a firm, smooth bed top for both direct seeded and transplanted crops. A firm seedbed promotes better seed-to-soil contact for direct seeded crops, which in turn improves germination rates. It can also be helpful for leveling the soil surface prior to transplanting or laying plastic mulch.

The heavy-duty lobster trap wire mesh creates a uniform 1” grid pattern on the soil surface, essentially creating mini-furrows for improved moisture and erosion management when compared to the completely smooth surface created by turf rollers.

PARTS INCLUDED

A. Pre-assembled frame and roller
B. Yellow ganging rod (inserted through nuts welded to the spokes inside the rollers) ***On 30” Model ONLY.***
C. Handle shaft
D. Handlebar with one hand grip installed
E. Second hand grip



HARDWARE INCLUDED

(2) 1/4" x 1 1/2" Hex Bolts
(2) 1/4” Nylock Nuts
(1) Flat Thumb Screw
(1) Cotter Pin for Ganging Rod

Frame hardware:
(4) 5/16” x 1” Hex Bolts
(4) 5/16” Nylock Nuts
(2) U-bolts
(4) 1/4” Nylock Nuts



ADDITIONAL TOOLS NEEDED

Set of 7/16” wrenches or sockets

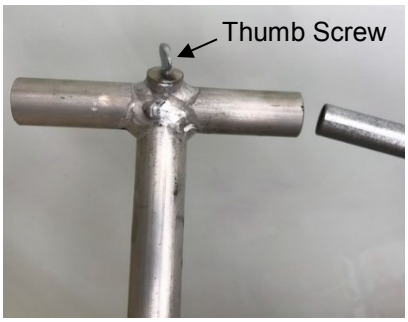
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ASSEMBLY





1. Remove the handle pieces that have been fastened inside the roller cage for shipping.
2. Using a set of 7/16” wrenches or sockets, remove the two hex bolts and nylock nuts from the welded receiver brackets on the frame. See right.
3. Insert the T-shaped handle shaft into welded receiver brackets and replace the hex bolts and nylock nuts to secure the handle shaft to the Seedbed Roller frame. See right.
4. Slide the handlebar into the opening at the top of the handle shaft before attaching the second hand grip. Install the thumb screw into the threaded receiver located at the top of the handle shaft and tighten to secure the handlebar in place. See below left.
5. Once handlebar is in place, you may install the detached hand grip. See below right.





***Note*:** Carefully inspect the handlebar before use, to be sure the frame and handles are level and the hardware is secure. If not, loosen the nylock nuts attaching the handle shaft to the frame and adjust the handle as necessary. Tighten the nylock nuts again once the handle in in its desired position.

INSTRUCTIONS FOR USE

Seedbed Rollers can be pushed or pulled over the bed to create a firm surface, and can be used repeatedly until the desired effect is achieved. For best results, place cement pavers or cinderblocks onto the roller frame: **Do not exceed 75 lbs** if using the 30” model or the axle could bow, causing the individual cages to rub together. With the added weight in place, it is generally easier to pull rather than push the Seedbed Roller.

The source supplier’s original 30” model features a ganging rod that can be easily removed to ensure a limited slip differential between the rollers, allowing the user to make tight turns at the end of the bed while minimizing soil plowing. The ganging rod must be secured when using Snap-In Dibbles (see below), or they will fail to remain stationary on the roller. The 36” and 48” models are constructed with a single wire roller for added strength.

OPTIONAL ACCESSORIES

Row Markers



Great for marking rows for direct seeding with a precision seeder or the Paperpot Transplanter. Made from 5/16” polyethylene tubing, with plastic disconnects for quick installation.

Snap-In Dibbles



Easy to install dibbles make perfectly spaced holes for transplanting vegetable and flower crops. Easy to change out on the roller, and available in three sizes.

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