

Calkins Culta-Weeder TM



Rotary rod weeders were initially developed to control weeds in summer fallow. Their design is highly effective: square rods rotating in a reverse direction forcing weeds upward to the ground surface.

It is not uncommon to see a rod weeder operating in a completely weedless field, but for another purpose: to set the moisture line in summer fallow. And that's important. Loose soil will lose moisture to the depth of tillage - regardless of whether you plow or disc. Consequently, this soil type should not be allowed to extend to the surface, since moisture travels upward through compact soil by capillary action.

That's why knowledgeable farmers utilize reverse rotating rods to compact their soil. This process allows an insulating mulch of loose clods, soil and trash to blanket the surface and help stop evaporation. To set the moisture line, just immediately follow your initial tillage with a rod weeder.

In each succeeding operation, avoid running the rod any shallower until moisture is held at a depth suitable for seeding. Your final rodding pass will make a firm seed bed in moist soil. Clearly, the rod weeder is an indispensable tool for all soil affected by limited rainfall. Maintaining sufficient soil moisture is key to growing crops successfully.



With the purchase of a Calkins Culta-weeder you get both effective weed control and a means of preserving vital soil moisture, both of which can add many bushels to your yield. These features allow you to achieve the lowest tillage cost and a higher yield per acre, while covering more acres per unit in all kinds of soil and trash conditions.

FEATURES:



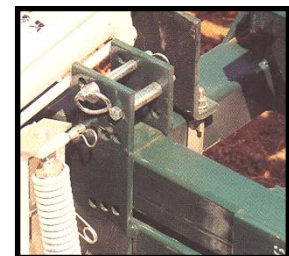
Standard Rolling Tongue:

The rolling tongue improves tillage in uneven ground by allowing the Culta-weeder to operate independently of the hitch.



Independent Leveling:

Each cylinder base is adjustable to optimize side-to-side leveling and insure even shank and rod depth.



Adjustable Rod Depth Control:

Raise or lower weeder section operating range easily by changing fastener pins.

CULTA-WEEDER™ SPECIFICATIONS

Sizes available up to 60 foot widths

3 Section 36 ft

MODEL: CW19-036
LENGTH: 36 feet
CENTER: 12 feet
WINGS: 12 feet
SHANKS: 27

5 Section 60 ft

MODEL: 1500-060
LENGTH: 60 feet
CENTER: 12 feet
WINGS: Inner....12 feet
Outer....12 feet
SHANKS: 45

- **FRAME:** 4"x4" square steel tubing
- **TONGUE UNIT:** ROLLING TONGUE FRONT: 6"x4" steel tubing
ROLLING TONGUE REAR MEMBER: 8"x4" steel tubing
- **WEEDING ROD:** 1" square, high carbon steel
Gooseneck: High carbon spring steel
Clearance: 26" from frame to rod
- **WEEDER UNIT:** Spring loaded 4"x4" steel tubing
Adjustable hydraulic pressure set
- **BOOT DRIVE CHAIN:** Special hardened solid roller. Made in the USA
- **TIRE SIZE:** 12.5Lx15 on main wheel legs. High cleat on drive tires
- **DRIVE BOOT:** One each section
- **HUBS, SPINDLES & BEARINGS:** Heavy duty greasable hubs, top quality Timken bearings
Spindles are replaceable and bolt-on
6-Bolt hubs, 8-Bolt on 5 section centers
- **TRANSPORT WIDTH:** Adjustable to 14' 8" ■ **TRANSPORT HEIGHT:** 15'2"
- **SHANK:** 5/8" x 1 3/4" spring steel
Forged to maximize trash clearance ■ **SHANK CLEARANCE:** 24" frame to point
- **DRIVELINES:** 1-1/4" square high strength steel ■ **OPTIONAL:** Tine harrow kits

The J.E. Love Company backs its equipment and customers with a highly skilled dealer service organization. You receive the complete support of factory authorized service and shop facilities, a stock of factory parts and factory trained technicians. For warranty information, please contact your local dealer.