



ORCHARD INCORPORATORS

FOR YEAR-ROUND FLOOR MAINTENANCE

"T" Series



An important application for this tiller with rear roller is to bury wood chips by tilling 2 to 3 inches deep. The roller then slightly compacts and smooths out the orchard floor. The wood chips will decompose at a faster rate and the rolled out area is then in better condition for the harvesters. The University of California Cooperative Extension recommended keeping wood chips and shavings in the orchards. They also stated that if well managed, prunings can become a source of organic matter and nutrients in the soil. Growers have found many more uses for the Incorporators. Such as - tilling out tractor tire tracks, mulching in weeds and general floor maintenance.



TILLER WITH OPTIONAL CUTTING DISCS



CLEAN, TILLED, AND ROLLED ORCHARD FLOOR



13477 Benson Ave. • Chino, CA 91710
Ph: 909/548-4848 • Fax: 909/548-4747

www.gearmore.com • sales@gearmore.com



ORCHARD MULCH INCORPORATOR

ADDED VALUE FEATURES OF THE ORCHARD MULCH INCORPORATOR

Our bonded Tungsten coated tines....



are guaranteed to double the life over standard heat treated tines. In normal soils the life can be 3 to 4 times longer wearing.

The high capacity 160 H.P., 4 speed gearbox....



has quick change gears to obtain the best rotor speeds for 540 or 1000 RPM tractors.

Tailboard extension plates....



to level soil for the extended width of the rear roller.

All gear final drive to the rotor....



is extremely strong and smooth running. No adjustments required, insures many years of trouble free service.

Four heavy, custom built turnbuckles....



lock the rear tailboard in place so the exact amount of soil is released to the rear roller.

The large rotor bearings....



are mounted in heavy cast hubs. This assembly is an oil bath system for cooling the bearings to insure long life.

Specifications Subject To Change Without Notice

13477 Benson Ave. • Chino, CA 91710 • Ph: 909/548-4848 • Fax: 909/548-4747



ORCHARD MULCH INCORPORATOR

ADDED VALUE FEATURES OF THE ORCHARD MULCH INCORPORATOR

The 3-point lower hitch brackets....



have 4 positioning pin holes. This allows the tillers to be mounted on all tractors no matter what diameter tires.

Heavy 1/2" thick....



tailboard/hood side mounted soil containment plates to prevent ridges in the soil.

Adjustable roller mud scraper....



is supported by heavy full length tubing that insures total cleaning of the roller even in wet conditions.

The cat. II, 3-point hitch....



is formed out of steel plate. Special formed channel braces mount to the 3-pt. hitch and extend out to side plates for additional strength.

Narrow form fit final drive case skid....



for protection against wear and makes the narrowest possible footprint in the soil.

Optional dual adjustable rolling discs....



to cut and feed material into the tilling chamber. This eliminates grass build up on the skids and aids in leveling the orchard floor.

Specifications Subject To Change Without Notice

13477 Benson Ave. • Chino, CA 91710 • Ph: 909/548-4848 • Fax: 909/548-4747



ORCHARD MULCH INCORPORATOR

FEATURES:

- Cat. II, 3-point hitch
- 4 Speed gearbox - 2 speeds @ 540 RPM & 2 speeds @ 1000 RPM
- For tractors up to a maximum of 160 HP
- Strong, smooth running, all gear final drive
- Slip clutch driveshaft to protect tractor and tiller drive system
- Curved, saber style heat treated, long wearing tines
- New super alloy tungsten carbide coated tines, with normal life 3 to 4 times longer over standard heat treated tines
- Tines staggered in scroll design for easy soil penetration
- Gearbox supported by full length tubes for added support
- Torque tube frame to absorb shock loads
- Tiller is balanced to eliminate vibration
- Large, oil bath, long wearing rotor bearings
- Powder coated, baked-on paint to reduce corrosion
- Side mounted skids for depth control

OPTION:

- ~ Dual adjustable rolling discs to cut and feed material into the tilling chamber

REAR ROLLER FEATURES:

- 18" Dia. x ¼" thick wall steel tubing roller with adjustable mud scraper
- Turnbuckle roller adjustment to obtain exact required compaction
- Easy to bolt up to standard T tiller
- Roller is 6" wider than side plates to eliminate ridges
- 2" Diameter solid bearing shaft
- ½" Thick bolt-on plate between tiller and tailboard to contain soil
- 4 Tailboard turnbuckles to hold the tailboard in place for releasing the exact amount of soil to the roller
- Heavy 1" x 3" roller mounting brackets

Orchard Package built by one of central California's best specialty manufacturers.

These Orchard Mulch Incorporators come assembled and adjusted so little if any field setting is required.

NOTE: Due to the weight of the tiller with roller, you will most likely need front weights on the tractor.

SPECIFICATIONS:

MODEL #	TILLING WIDTH	ROLLER WIDTH	NO. OF TINES	MINIMUM H.P.	WEIGHT
T280RR-CT	9'-2" (110")	10'-2" (122")	66	80 HP	3075#
T305RR-CT	10' (120")	11' (132")	72	90 HP	3375#
T355RR-CT	11'-8" (140")	12'-8" (152")	84	100 HP	4080#

Specifications Subject To Change Without Notice

13477 Benson Ave. • Chino, CA 91710 • Ph: 909/548-4848 • Fax: 909/548-4747