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VIEW CATALOG

ORCHARD INCORPORATORS

FOR YEAR-ROUND FLOOR MAINTENANCE

ENGINEERED TO KEEP YOUR ORCHARD FLOORS IN PEAK CONDITION.

Our "T" Series Orchard Incorporators were developed for maintaining orchard floors. The Incorporator tills the ground, and the special "Orchard Package" rolls then slightly compacts and smooths out the soil. The special tungsten carbide saber tines produce a uniform mixture of loose, textured soil that holds moisture and reduces erosion. The heavy steel rear roller levels and lightly compacts the orchard floor for harvest. A number of State Agricultural Departments are recommending that growers incorporate wood chips and other organic material into the soil. The tilled in material will then decompose in the soil, which results in enrichment and nutrient improvement.

WATCH VIDEO

Bonded Tungsten Carbide Coated Tines Are Standard Equipment

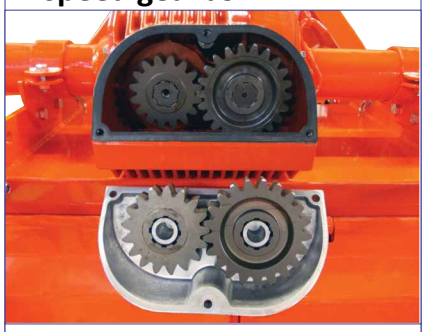
Tills in organic material and prepares the ground for harvest

Clean, tilled, and rolled orchard

ORCHARD MULCH INCORPORATORS

ADDED VALUE FEATURES OF THE ROTARY TILLER

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

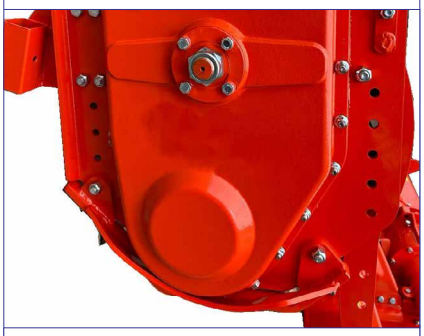


has quick change gears to obtain the best rotor speeds for 540 or 1000 RPM tractors.

All gear final drive to the rotor....

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

Heavy cast iron cover....

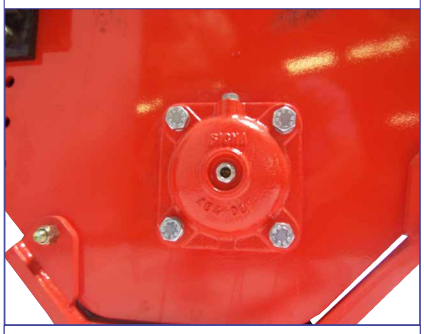


greatly strengthens the whole side transmission final drive. Skid shoe for protecting the cast iron cover.

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.

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.

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.

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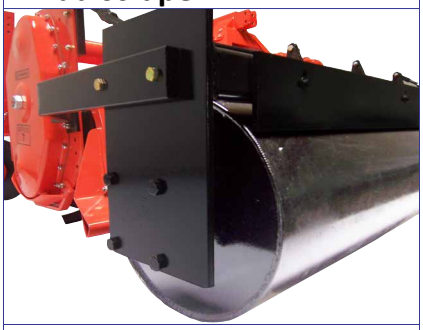
ADDED VALUE FEATURES OF THE ORCHARD PACKAGE

Adjustable roller with mud scraper....

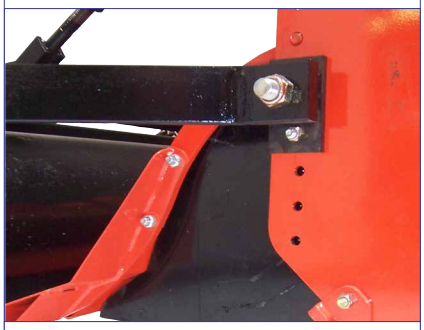


is supported by heavy full length tubing that insures total cleaning of the roller even in wet conditions.

Our bonded Tungsten carbide 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.

Heavy 1/2" thick....

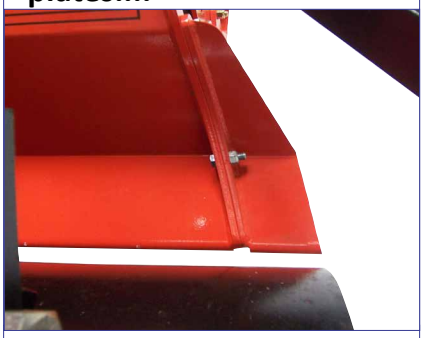


tailboard/hood side mounted soil containment plates to prevent ridges in the soil.

Four heavy, custom built turnbuckles....

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

Tailboard extension plates....



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

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.

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ROTARY TILLER FEATURES

- Cat. II, 3-point hitch
- 4 speed gearbox - 2 speeds @ 540 R.P.M. & 2 speeds @ 1,000 R.P.M.
- For tractors up to a maximum of 160 H.P.
- Strong, smooth running, all gear final drive
- Heavy duty cast iron final drive cover strengthens the whole side transmission
- Slip clutch driveshaft to protect tractor and tiller drive system
- Curved, saber style,long wearing tines
- Bonded 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 rotor is balanced to eliminate vibration
- Large, oil bath, long wearing rotor bearings
- Powder coated, baked-on paint to reduce corrosion
- Side mounted skids
- T355 comes with torque limiter PTO driveline

OPTION

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

ORCHARD PACKAGE FEATURES

- Rear roller is 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.

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
T230RR-CT	7'-6" (90")	8'-6" (102")	54	75	2,900 lbs.
T280RR-CT	9'-2" (110")	10'-2" (122")	66	80	3,100 lbs.
T305RR-CT	10' (120")	11' (132")	72	90	3,375 lbs.
T355RR-TL-CT	11'-8" (140")	12'-8" (152")	84	100	4,080 lbs.

13477 Benson Ave. Chino, CA 91710 | 909/548-4848 | sales@gearmore.com