

TRI DECK 92 ROTARY MOWER

-ZERO TURNING RADIUS – 22 FT CUT



Daily maintenance and servicing can be easily performed in the field. The PTO shafts have Ring Lock collars for easy removal and additional safety. All blade spindle assemblies can be easily removed from the deck as a complete unit. The blade spindles are greaseable from the top side of the decks, through lubrication holes in the belt guards. Belt guards have wing nut hold downs for fast removal without tools. All mower deck components are totally interchangeable, for easy servicing. All spindle assemblies are interchangeable. Blades are attached to the support bar with 2- 1/2" x 1-3/4" bolts. Extra Plates Welded on spindle locations to give additional support. Spindles are greaseable from top side without removing the belt shields. Spindles can be removed form deck without disassembly.

3/16" Steel Deck is formed and welded, with bracing at high stress areas to provide maximum structural strength. Open back discharge allows clippings to be dispersed without bunching up, leaving an after cut appearance, second to none. Heavy Duty Gear Box, with machined and case hardened gears, transmits power to the mower decks. All PTO shafts have Ring Lock collars instead of pins for additional safety. Oil level dip stick and drain plug allow for easy maintenance.

Automatic Wing Lock system is deactivated from the tractor seat. System control valves regulate the lifting and lowering speed of the mower decks. All PTO shafts run at the minimum angle for maximum life expectancy.

Easily Change Blades with all decks in raised position. Automatic safety locks hold all decks in place with the hydraulics disconnected. Anti-scalp rollers are attached on both wing decks.

Excellent Floatation is obtained with 12 large low pressure floatation tires, all staggered, providing minimum soil penetration and compaction. Cutting height adjustment can be simply done by removing lynch pin from top of each castor stem and moving the spacers either above or below support tube as required. Wheel hub and castor pivot are greaseable. Replaceable castor pivot bushings. Six rigid, "In-Line" tires keep mower in place while mowing along hillsides.

Narrow Transport width of 9-1/2 ft is achieved without disconnecting PTO shafts. Radial automotive tires allow mower to be moved conveniently to distant locations.



DESCRIPTION	TD 92 (22 FT)
Cutting Width	22 Feet
Cutting Height	3/4" to 5" - 3/8" steps Easy to use spacer bushing allow adjustment.
Transport - Width	9 - 1/2 Feet
Height	10 Feet
Length	16 Feet
Ground Clearance	9 - 1/4"
Weight	4100 Pounds
Tongue Weight	
- Transporting	965 Pounds
- Mowing	360 Pounds
Ground Pressure	7 Pounds per sq. in.
Recommended HP	45 Min. - 70 Max. PTO
Mowing Capacity	Acres Per Hour
- 2 MPH	5.4
- 4 MPH	10.7
- 6 MPH	16
-7.5 MPH	20
360 Degree Turn	0" Uncut Circle
Number of Spindles	9 spindles
Spindles	35mm diameter spindles are each carried in 2 greaseable ball bearings which are housed in precision machined hub.
Blade Support	3/4" x 2 1/2" x 11-1/2" long bar welded to spindle and machined. 1/2" bolts hold blade rigid to provide a clean, level cut.
Blades	High lift, heat treated, alloy steel blades 5/16" x 2-1/2" x 32"- 3 per deck. Optional: Low Lift Blades
Number of Tires	10 on decks, 2 transport on main frame
Deck Tires	18 x 9.5 x 8 NHS, 4 ply pneumatic tires mounted on 5 bolt wheels. All hubs and caster pivot bushings are replaceable and greaseable.
Transport Tires	P275/60SR 15" automotive radials.
Axles	Rated at 4000 lbs. each and are greaseable.
Wheels	6 bolt, 6" bolt circle.
Deck Construction	A single PC 3/16" steel plate formed and welded with supporting members at high stress areas to achieve maximum structural strength. Deck is 5" deep.
Deck Flexibility	25° up 15° down, 12° front to back
Deck Drive	PTO shaft to right angle gear box driving. 2-"B" section belts to 3 heavy duty spindles.
Belt Adjustment	Easily made by loosening four bolts at gear box base and adjusting the slide plate forward or backward and retightening.
Main Gear Box	4 shaft gear box with 1 3/8" - 6 spline shafts, delivering power to decks.

PTO Shafts	Telescoping, agricultural PTO Drive shafts, with proper safety shields. 1-3/8" - 6 spline quick-disconnect yokes on both ends with Ring Lock collars. Input PTO ...Category # 6 Deck PTO ...Category # 4
Speeds	Tractor PTO - 540 RPM Blades - 2215 RPM Blade Tip Speed - 18,547 F.P.M
Cylinders	Rear deck: 1- 2-1/2" x 16" double acting. Wing decks: 2- 3" x 16" double acting.
"A" Frame	Hollow structural steel tubing with supports at high stress areas to achieve maximum strength.
Hitch	4 positions, with height settings from 10-1/2" to 15". Safety chain with hook according to Dept. or Transport regulations.
Screw Jack	2000 lbs. top wind jack for easy hook up.
Paint Finish	Electro-statically painted with oven baked finish.