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## The TW120 and TW144 ...

make short work of those larger mowing jobs and are ideal for pasture maintenance, orchard applications, shredding stalks, or cutting material up to 2" in diameter.

# TW120 TW144



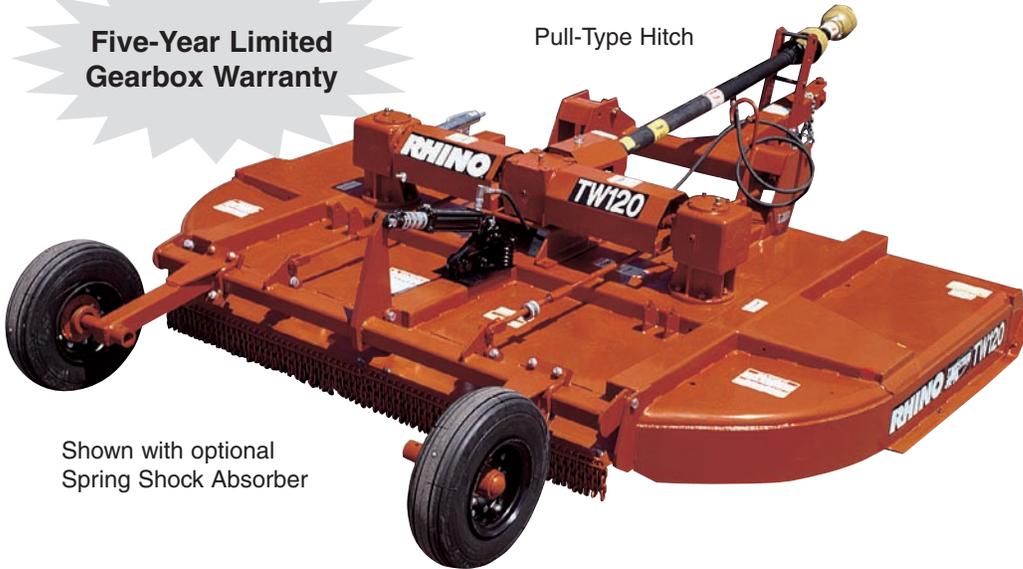
TW120 Shown with Optional Front and Rear Chain Guards and Spring Shock Absorber (Deflectors are Standard)

The TW120, and TW144 are available as a three-point lift or pull-type model and 540 or 1000 RPM (TW120 only) to fit a wide range of tractors. The center gearbox, rated at 120 HP, features 1-3/4" splined input and output shafts, and tapered roller bearings for added durability and longer service life. The gearboxes and Cat 4 driveline are protected from sudden shockloads by an adjustable slip clutch on the main driveline and by torque dampeners on both side drives. All Twisters® feature a heavily-reinforced, 10-gauge top deck with rounded-edge design for enhanced appearance, easy clean-off, and added strength. Tall, 1/4" thick side skirts and an obstruction-free underside allow high volumes of material to flow easily through the cutting chamber. Standard pan blade carriers, updraft blades, and a 4" blade overlap help assure a smooth, even cut. Rhino® Quality and Toughness make the TW120, and TW144 excellent choices!



**Five-Year Limited  
Gearbox Warranty**

Pull-Type Hitch



Shown with optional  
Spring Shock Absorber

The TW120 cuts a 120" swath of material. The center gearbox, rated at 120 HP, transfers power to the 100 HP outboard gearboxes. Torque dampeners on both sides of the center gearbox help minimize driveline and gearbox damage caused from sudden shockloads. Massive 2-3/8" diameter output shafts in the outboard gearboxes help provide optimum service. The pull-type unit requires a 50 HP (min.) tractor and the lift-type unit requires a 60 HP (min.) tractor (with adequate front weights).

The TW144 cuts a full 144" swath. The 120 HP center gearbox transfers power to the 100 HP outboard gearboxes. The pull-type unit requires a 55 HP tractor (min.) and the lift-type unit requires a 70 HP (min.) tractor (with adequate front weights).



All Units Shown with Optional  
Front and Rear Chain Guards  
(Deflectors Are Standard)

Lift-Type Hitch

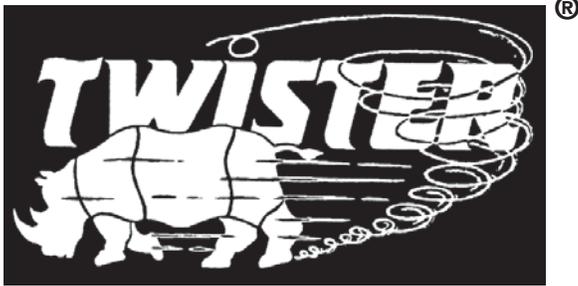


Square shouldered blade bolts are standard on the Rhino TW120 and TW144 for long lasting durability. The square shoulder means that the bolt cannot turn in the blade carrier providing less risk of premature wear compared to round shoulder blade bolts used on most competitive cutters. Round shouldered blade bolts have a small "pressed" key formed on the side. If the key wears or shears off there is little to prevent the bolt from turning in the hole, which can ruin the blade carrier.

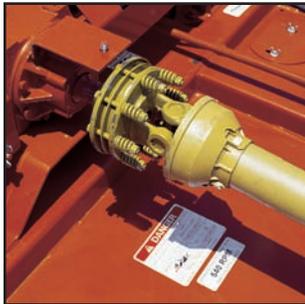
# TWISTER® Multi-Spindle Units

## From Rhino® . . .

### Quality, Value, and Dependability.

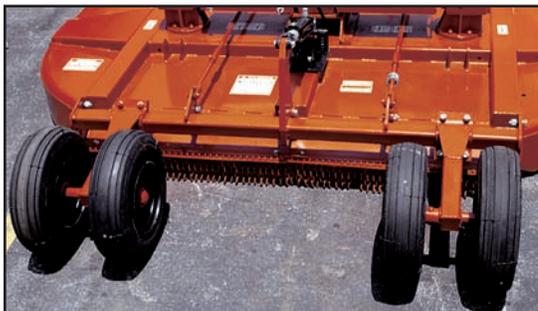


Double torque dampeners on both side drives help cushion sudden shockloads on the gearboxes and drivelines. Gearbox strength and durability are enhanced by the 1-3/4" splined shafts and tapered roller bearings. The gearboxes and drivelines are fully-shielded for added safety. (Shields removed to show detail.)



All TW's feature an easily-adjustable slip clutch and a Cat 4 driveline. The center gearbox is rated at 120 HP. (Shield removed to show detail.)

Rhino Quality and Toughness are built into every TW main-frame. The 10-gauge top deck is reinforced with formed channel bracing. The rolled-edge design adds both strength and eye appeal. The gearboxes and the three-point hitch lugs are mounted to the frame, not the deck, to minimize downtime.



An optional auxiliary wheel spindle kit is available for both the TW120 and TW144 pull-type units. The kit easily bolts into the axle arm beam for those applications where dual wheels are needed for added flotation and stability.



A spring shock absorber is available as optional equipment for the pull-type TW120 and TW144. The springs help cushion the shock loads that the deck will encounter when operating in rough terrain. Standard hydraulic control spacers are used with the available hydraulic cylinder to set the cutting height on pull-type units.

The design and the amount of deck bracing found on the Rhino TW120 and TW144 makes the Rhino deck weldment one of the strongest in the industry. The deck is braced side to side and front to rear to help provide years of service. The pull-type units feature dual control rods. The use of dual control rods provides greater load carrying capacity and helps evenly distribute the weight of the cutter to both sides of the tongue and rear axle. Compare this to some competitive cutters that only use a single control rod design where all the weight is concentrated on one side of the tongue and axle.

## STANDARD EQUIPMENT AND SPECIFICATIONS

	<b>TW120</b>	<b>TW144</b>
Cutting Width	120"	144"
Transport Width	127"	151"
Overall Width	127"	151"
Overall Length	116" Lift 156" Pull	130" Lift 168" Pull
Cutting Height	2" - 12"	2" - 12"
Blade Overlap	4"	4"
Jack Stand (Pull- Type)	Std.	Std.
Hitch:		
Lift	CAT II-III & QH	CAT II-III & QH
Pull	Clevis	Clevis
Semi-Mount Offset	N/A	N/A
Blade Carrier	Pan	Pan
PTO HP Required (Min.):		
Lift	60 HP	70 HP
Semi-Mount Offset	N/A	N/A
Pull	50 HP	55 HP
Gearbox Rating:		
Center	120 HP	120 HP
Outboard	100 HP	100 HP
Output Shaft Diameter	2-3/8"	2-3/8"
Blade Tip Speed:		
540 RPM	15,423 FPM	15,523 FPM
1000 RPM	16,166 FPM	15,839 FPM
Cutting Capacity (Max.)	2"	2"
Driveline Size	Cat 4	Cat 4
Deck Thickness	10 Ga.	10 Ga.
Side Skirts	1/4" x 10"	1/4" x 10"
Replaceable Skid Shoes	Std.	Std.
Safety Deflectors	Std.	Std.
Weight (Approx.)	1955 lbs.	2177 lbs.

### EXTRA EQUIPMENT

Spring Shock Absorber (Pull-Type)  
Check Chain (Lift)  
Auxiliary Spindle Kit (TW120 & TW144 Pull-Type)

### OPTIONAL EQUIPMENT

Front and Rear Single or Double Chain Guards  
540 or 1000 RPM (TW144 540 RPM Only)  
Constant Velocity or Non-Constant Velocity Main Driveline (Pull-Type)  
Three-Point Lift or Pull-Type Hitch  
Ratchet Lift Screw or Hydraulic Lifting (Pull-Type)  
Laminated Tire & Wheel, Foam-Filled Used Airplane Tire & Wheel, Used Airplane Tire & Wheel, or 15" Wheel (Pull-Type)



TW120-144 10/09 OSP  
Printed in USA

[www.servis-rhino.com](http://www.servis-rhino.com)

RHINO® guarantees each piece of Rhino equipment against defective materials and workmanship for a period of one year from the date of delivery to the purchaser unless otherwise specified.

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