

SINGLE SPINDLE ROTARY CUTTER

Product Line



READY TO BE CLEAN CUT?

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A MEMBER OF THE
ALAMO GROUP
ALWAYS ON THE CUTTING EDGE...
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RHINO®

Durability. Safety. Diversity.

A leader in the agriculture equipment industry, Rhino® is synonymous with quality. Our products—well respected for their dependability and performance—are sold all over the world. In addition to the Single Spindle product line, Rhino offers Flex-Wings, flail mowers, rear blades, post-hole diggers, tillers, disc mowers, and box blades.



Durability

WITH MORE THAN 75 YEARS of manufacturing agricultural equipment, Rhino Single Spindle rotary cutters are designed for performance, reliability, and value. After 75 year, we know how to make Single Spindle mowers durable enough for wherever you need to use them.

Our products all carry a standard multi-year limited gearbox warranty, so you know they were built to withstand tough conditions. To prevent wear and tear on the blade carrier, all Rhino Single Spindles use square shouldered blade bolts that can't turn in the carrier.

Safety

AT RHINO, WE'RE DEDICATED to creating safe products as well as guidelines on how to keep them that way.

In fact, the Alamo Group Ag Division (which includes the Rhino, EarthMaster®, and Fuerst brands), along with other industry manufacturers, developed the AEM/FEMA Industrial and Agricultural Mower Safety Practices video and guide book.

Diversity

WE ARE CONTINUALLY upgrading and adding to the Rhino Single Spindle product line. Whether you're using Single Spindle cutters commercially, as a contractor, or for personal use, we have a product to meet your needs. From our lighter-duty 100 Series to our super-duty 400 Series rated for 4 1/2" diameter material, we've got a Single Spindle for a number of applications, including:

- Mowing grass or weeds
- Maintaining pastures
- Shredding crops
- Mowing roadsides or highway rights-of-way
- Cutting brush
- Maintaining commercial or industrial sites

SO, WHETHER YOU NEED to boost productivity or just need something a little more durable, we've got a Rhino Single Spindle rotary cutter that will get the job done.

RHINO SINGLE SPINDLE
APPLICATION GUIDE

<i>Applications</i>	100 SERIES	200 SERIES	400 SERIES	GR SERIES
Clearing brush up to 1 1/2" in diameter	✓	✓	✓	✓
Clearing brush up to 4 1/2" in diameter			✓	✓
Commercial mowing		✓	✓	
Farm use	✓	✓	✓	✓
General mowing	✓			
Grounds maintenance	✓			
Heavy-duty agricultural use		✓	✓	✓
Industrial mowing			✓	✓
Large estates		✓	✓	
Non-commercial uses	✓			
Pasture maintenance	✓	✓	✓	
Ranch use	✓	✓		
Right-of-way mowing		✓	✓	
Roadside mowing		✓		
Mulching				✓
Orchard or vineyard uses				✓
Waterway maintenance		✓	✓	



100 SERIES

Models available:
148, 160, 172, 184

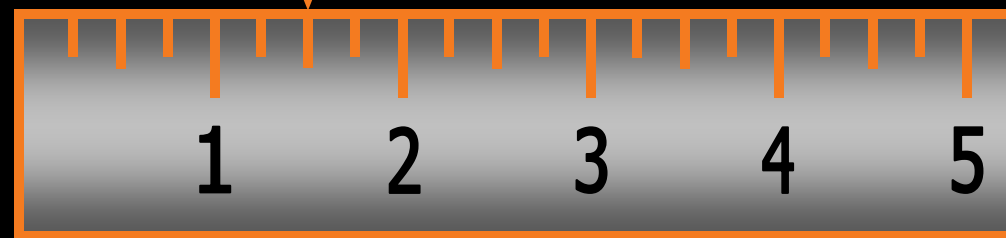
GENERAL MOWING

NON-COMMERCIAL USES

SCHOOL GROUNDS

PARK DISTRICTS

1 1/2"
Cutting
Capacity



100 SERIES



ROUND BLADE CARRIER



QUICK HITCH CAPABLE



SKIDDED SIDE SKIRT

BENEFITS

Reinforced domed deck design to minimize material buildup, allow faster cleaning, and provide greater strength.

Deep decks to handle large volumes of material more easily than cheaper, shallower deck cutters.

Smooth, obstruction free underside of the deck for more efficient material flow through the cutting chamber.

Quick hitch capabilities for simple attachment.

Smart deck and blade design for excellent cutting performance.

Improved gearbox and blade carrier design for lasting durability.

1 1/2" diameter material cut capacity to handle multiple cutting applications.

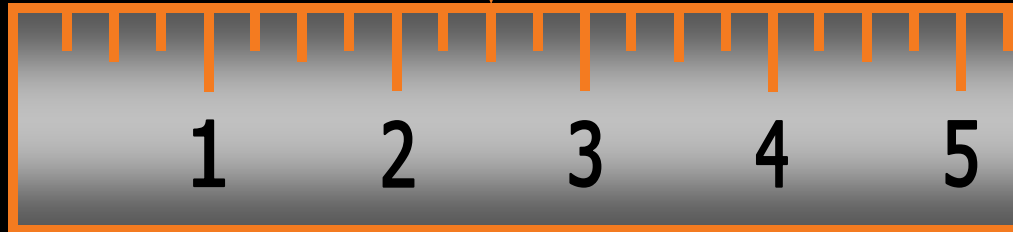


200 SERIES

Models available:
260, 272, 284

- PASTURE MAINTENANCE
- MOWING ROADSIDES
- LARGE ESTATES

2 1/2"
Cutting
Capacity



CONTINUOUS WELDS



DURABLE DECK BRACING



OPTIONAL DUAL WHEELS

284 ONLY

BENEFITS

Reinforced domed deck design to minimize material buildup, allow faster cleaning, and provide greater strength.

Full length and width deck bracing provides structural integrity for greater durability and long life.

Unobstructed underside of deck allows excellent material flow through the cutting chamber, lowering power requirements.

2 1/2" diameter material cut capacity to handle a range of cutting applications.

Cross-braced round pan blade carrier for durability in heavy mowing applications.

The round pan blade carrier provides overlapping protection for the gearbox output shaft seal, reducing the risk of damage from cut material.

High blade tip speeds provide a clean cut and better cutting performance.

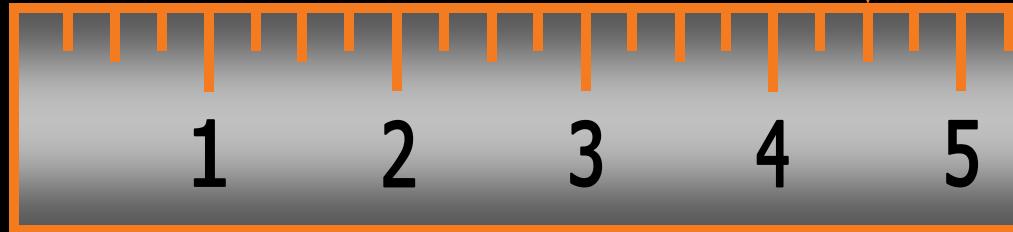


400 SERIES

Models available:
472, 484

- PASTURE MAINTENANCE
- ROADSIDE MOWING
- CLEARING BRUSH

4 1/2" Cutting Capacity



210 HP GEARBOX RATING



1/4" THICK SIDE SKIRTS



PULL TYPE CAPABLE

BENEFITS

Reinforced domed deck design to minimize material buildup, allow faster cleaning, and provide greater strength.

Full length and width deck bracing provides structural integrity for durability and long life.

Streamlined bracing under the deck maintains material flow through the cutting chamber.

4 1/2" diameter cut capacity to handle heavy mowing applications easily.

210 HP Gearbox rating (based on field performance) with 5-Year Limited Warranty.

Deep deck design to handle higher volumes of cut material.

1/4" x 11" side skirts with 1/2" thick material at the Impact Zone to handle extra abuse.

Cross braced round pan blade carrier provides excellent durability in heavy mowing applications.

The pan blade carrier overlaps the gearbox output shaft seal to protect it from cut material.

High blade tip speeds provide a clean cut and performance in heavy mowing applications.



GR SERIES

Models available:
GR260, GR472, GR484

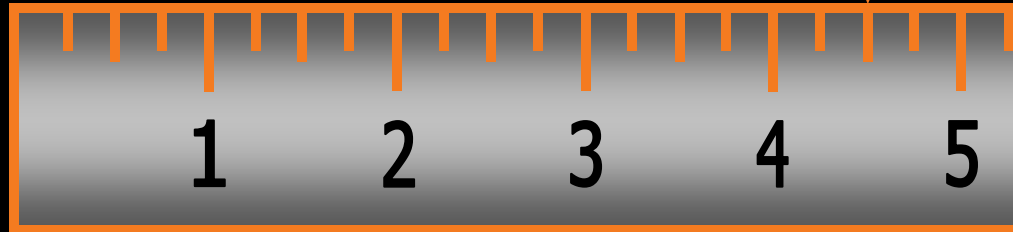
STALK AND GRASS SHREDDING

COMMERCIAL/INDUSTRIAL MOWING

**HEAVY-DUTY
AGRICULTURE USE**

MULCHING

4 1/2"
Cutting
Capacity



DUAL SHREDDING BLADES
OPTIONAL



BAR BLADE CARRIER



HEAVY-DUTY GEARBOX

BENEFITS

Dual shredding blades for finer shredding of stalks and grass materials

Blades create faster decomposition and nutrient return to the soil.

Front and rear chain guards come standard (double chain gaurds optional) to provide protection from thrown objects

4 1/2" diameter cut capacity to handle heavy mowing applications with ease.

Reinforced domed deck design to minimize material buildup, allow faster cleaning, and provide greater strength.

Deep deck design to handle higher volume of cut material.

Reduced blade tip speed to handle heavy material.



Specifications	148	160	172	184
Cutting Width	48"	60"	72"	84"
Overall Width	53 1/2"	66"	78"	88 1/2"
Overall Length	88"	100"	128"	130"
Cutting Height (Min.)	1 1/4"	1 5/8"	1"	1 1/4"
Hitch	CAT I & QH	CAT I & QH	CAT I & QH	CAT I & QH
Blade Carrier	Round Pan	Round Pan	Round Pan	Round Pan
Horsepower Required*	15 Min.	25 Min.	35 Min.	45 Min.
Gearbox Rating	30 HP	65 HP	65 HP	90 HP
Output Shaft Diameter**	1 9/16"	1 9/16"	1 9/16"	2"
Blade Tip Speed (FPM)	13,097	14,335	14,930	16,030
Cutting Capacity (Max.)	1 1/2"	1 1/2"	1 1/2"	1 1/2"
Driveline Size	Cat 3	Cat 3	Cat 3	Cat 4
Deck Thickness	11 Ga.	10 Ga.	10 Ga.	10 Ga.
Side Skirt	11 Ga. x 7 5/8"	10 Ga. x 9 1/4"	10 Ga. x 9 1/4"	10 Ga. x 9 1/4"
Safety Deflectors	Standard	Standard	Standard	Standard
Weight (Approx.)	410 lbs.	640 lbs.	785 lbs.	1128 lbs.

* with adequate front end tractor ballast.

** Gearbox rating based on field performance

Specifications	260	272	284
Cutting Width	60"	72"	84"
Overall Width	67 1/2"	79 1/2"	90 1/2"
Overall Length	111"	123"	138 1/2"
Cutting Height (Min.)	1 1/2"	1 1/2"	1 1/2"
Hitch	Cat I, II / QH Cat II	Cat II, III / QH Cat II	Cat II-III, QH or Pull
Blade Carrier	Reinforced Pan	Reinforced Pan	Reinforced Pan
Horsepower Required	35 Min.	45 Min.	60 Lift, 45 Pull
Gearbox Rating*	130 HP	130 HP	130 HP
Output Shaft Diameter	2"	2"	2"
Blade Tip Speed (FPM)	13,572	16,286	16,328
Cutting Capacity (Max.)	2 1/2"	2 1/2"	2 1/2"
Driveline Size	CAT 4	CAT 4	CAT 4
Deck Thickness	10 Ga.	10 Ga.	10 Ga.
Side Skirt	1/4" x 11"	1/4" x 11"	1/4" x 11"
Safety Deflectors	Standard	Standard	Standard
Weight (Approx.)	998 lbs.	1158 lbs.	1265 Lift, 1427 Pull

* Gearbox rating based on field performance

Specifications	472	484
Cutting Width	72"	84"
Overall Width	79 1/2"	90 1/2"
Overall Length	123"	138 1/2" Lift / 154 1/2" Pull
Cutting Height (Min.)	1 1/2"	1 1/2"
Hitch	Std. Cat I, II / QH Cat I, II	Std. Cat II, III / QH Cat II
Blade Carrier	Reinforced Pan	Reinforced Pan
Horsepower Required	55 Min.	60 Lift / 50 Pull
Gearbox Rating*	210 HP	210 HP
Output Shaft Diameter	2 3/8"	2 3/8"
Blade Tip Speed (FPM)	16,286	15,675
Cutting Capacity (Max.)	4 1/2"	4 1/2"
Driveline Size	CAT 5	CAT 5
Deck Thickness	7 Ga.	7 Ga.
Side Skirt	1/4" x 11"	1/4" x 11"
Safety Deflectors	Single / Double Chain	Single / Double Chain
Weight (Approx.)	1,560 lbs.	1,823 lbs.

* Gearbox rating based on field performance

Specifications	GR260	GR472	GR484
Cutting Width	60"	72"	84"
Overall Width	67-1/2"	79-1/2"	90-1/2"
Overall Length	111"	121"	138" Lift / 154-1/2" Pull
Cutting Height (Min.)	1-1/2"	1-1/2"	1-1/2"
Hitch	Cat I, II, Cat I QH	Cat I-II, Cat II QH	Cat II-III, QH or Pull
Blade Carrier	Shredder Bar	Shredder Bar	Shredder Bar
Min. PTO Horsepower Required	35 HP	55 HP	60 HP Lift, 45 HP Pull
Gearbox Rating*	130 HP	210 HP	210 HP
Output Shaft Diameter	2"	2-3/8"	2-3/8"
Blade Tip Speed (FPM)	12,723	13,995	9900
Cutting Capacity (Max.)	2-1/2"	4-1/2"	4 1/2"
Driveline Size	CAT 4	CAT 4	CAT 5
Deck Thickness	10 Ga.	7 Ga.	7 Ga.
Side Skirt**	1/4" x 11"	1/4" x 11"	1/4" x 11"
Safety Deflectors	Chain Guard	Chain Guard	Chain Guard
Weight (Approx.)	998 lbs.	1560 lbs.	1860 Lift, 2250 Pull

* Gearbox rating based on field performance ** 1/2" thick in Impact Zone

