



INTRODUCING THE NEXT REVOLUTION OF CUTTERS.

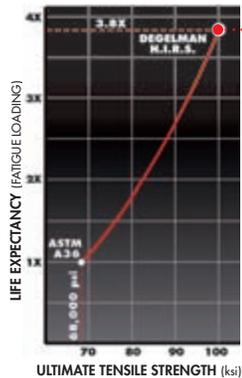
Introducing the REV 1500 rotary cutter from Degelman. The deck is made from a 3/16 inch impact resistant steel formed to create a smooth sloping deck. This curved shape deck is manufactured with

continuous welds and without pockets that collect debris. As the cutter operates, debris sheds off. Maintenance is quick, easy and weeds are not transferred from one location to another.



OVER-SIZED GEARBOXES

Designed with exacting standards for maximum life expectancy. Convenient sight glass to check lubricant level at a glance. Industrial split case design for easy and accurate assembly and gear mesh setting. Highest torque rating for rotary cutter applications worldwide.



HIGH IMPACT RESISTANT STEEL

The tougher the steel the tougher the deck. Improved impact resistant steel has three to four times the lifespan of standard grade A36, resists rust and shock loading better. As a result, the cutter lasts longer, endures more punishment and retains a higher resale value.



AR400 SKID SHOES

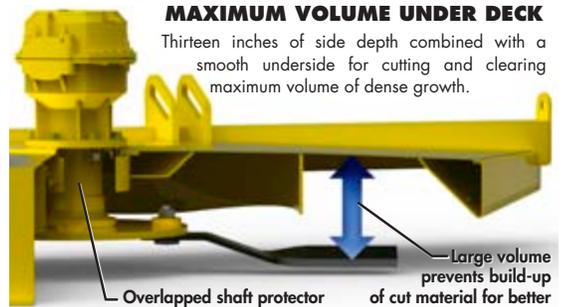
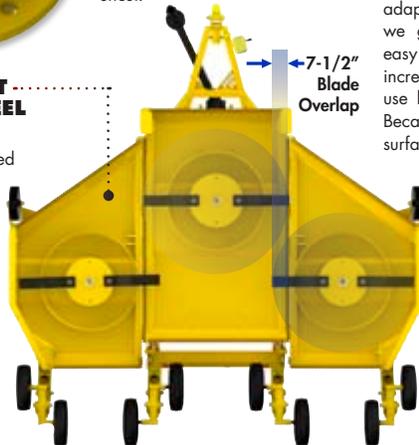
Our AR400 plated skid shoes boast eight times the abrasion resistance of regular steel. They are also replaceable.

HEAVY-DUTY 3/4" BLADE CARRIERS

A blade carrier that is tight, tough and safe. Plate of 3/4 inch steel that is four times thicker than most pans. Four-blade mounting locations utilize exclusive square and tapered bolt to eliminate movement.

7-1/2" BLADE OVERLAP

For a cleaner cut and to prevent trail-behind, we designed a 7-1/2" blade overlap between the center and wing cutting sections to ensure nothing is left uncut.



MAXIMUM VOLUME UNDER DECK

Thirteen inches of side depth combined with a smooth underside for cutting and clearing maximum volume of dense growth.

Overlapped shaft protector to reduce twine damage.

Large volume prevents build-up of cut material for better cutting performance.



Tapered fit for Nut & Bolt Mounting

LONG LASTING 5" TWIST BLADES

Heavy-duty 5 inch wide, twist blades are longer lasting and more resistant to bending and breaking.

3/4" Heavy-Duty Blade Carrier

Square fit bolt

SQUARE IS BETTER

Why do all impact and socket wrenches use square adaptors? - Torque. Again, we go a step further. For easy blade replacement and increased resiliency, we use hardened square bolts. Because of the increased surface area, the square blade bolts have a tighter tolerance and a better contact fit than keyed or hex shaped bolts. This prevents the bolts from spinning and wearing out sooner. Because of this smart design, replacing our bolts is truly a one-person job.

TAPERED BOLTS. TIGHT FIT.

It's an engineering fact that two perfectly-machined conical surfaces will centre to each other (a design the automotive industry uses for tie-rods). We applied this thinking to our nuts and bolts. Tapering centers the nut and the bolt, thus eliminating play and reducing wear.

No bolt is left unexamined. No piece of steel goes without scrutiny. No detail is too small to be engineered to perfection. That's the thought process behind every Degelman Rotary Cutter. And that's the unmatched standard that provides durable, easy-to-maintain machinery that holds its value year in and year out.



PRECISION HITCH

Our single bolt clamp hitch is machined and heat-treated from hardened steel to make our hitch superior in quality. Most grease points are designed for easy through-the-head access. Added safety comes into play with our lock up pin connection so one person can do the hook up without worry of hand injury.



NORTH AMERICAN MADE SOLID STEEL SPLINED DRIVE TRAIN

The REV1500 has been improved to incorporate an end to end Weasler engineered drive train. Weasler's heritage is all about quality, safety and precision manufacturing. Solid high tensile steel spline shafts are unrivalled for torque, shock loads and sliding ability.



Rotary cutters put tremendous stress on the drive lines. The REV is protected from the wide angle drive shafts to the heat dissipating preset friction torque limiters. The multi-patented 80° ball and socket constant velocity joint distributes loads evenly, retains lubricant, reduces wear and keeps contaminants out. And for safety the patented articulated guard system maintains full coverage with the mating gear bell.



1.78" Solid high tensile steel spline shaft

DEGELMAN HYDRAULIC CYLINDERS

We manufacture our own industrial cylinders with induction hardened chrome shafting,



urethane seals and wear bands to eliminate scarring and oil contamination. Shorter strokes translate into rapid movements and more wear, so we developed our center cylinder with a longer, smoother stroke to increase life expectancy and reduce wear and tear.

INCREASED WING CONTROL

Flow restricted hydraulic fittings allow increased control over the speed that the wings go up and down to reduce the risk of damage.



ROBUST ROCKSHAFT

Talk about long life. Our rockshaft is over-sized and overbuilt utilizing an extra-wide boxed strut construction for strength. Add to that our dual lug configuration to prevent torsion stress and you have one serious structure. Unmatched in the industry.



Internal Rubber Spring Suspension System

VIBRATION CONTROL

Vibration. The largest single contributor to metal fatigue, stress-cracking and structural failures. In the design of our rotary cutter we've integrated a series of vibration dampening systems that collectively absorb the vibrations.

RUGGED KNEE ACTION SUSPENSION

For absorbing and reducing impact the rubber we use is top of the line, self-dampening and UV-protected to ensure the longevity and performance of the entire machine. Plus, our active suspension is held in place by a one and-a-quarter-inch Grade 8 grease-accessible hex bolt.



LOW MAINTENANCE TAPERED BEARING

To reduce wear and tear we've implemented low maintenance tapered bearings in both our walking axles and our optional wing guide wheel assemblies.



WALKING AXLE WHEELS

Our walking axle wheels are the other half of the equation. They add to the reduction of vibrations by dampening fifty per cent of movement and terrain shock. They stabilize the movement to ensure smooth and even cutting.

REV 1500 ROTARY CUTTER - SPECIFICATIONS & OPTIONS

1000 model specs. shown in (I's).

Field Position:	
Cutting Height	1" to 16"
Cutting Width	180" (123")
Overall Width	189" (138")
Overall Length	198"
Side Depth	13"
Transport Position:	
Overall Height	84"
Overall Width (no wheels)	96" (92")
Overall Width (with wheels)	122" (105")
Overall Length	198"
Ground Clearance:	15"
Weight: Standard	5830 lbs (5780 lbs)
Hitch Weight:	
Field Position	1975 lbs (1970 lbs)
Transport Position	1925 lbs (1920 lbs)
Wing Flex:	22° down, 88° up
Deck Thickness:	3/16" High Impact Resistant Steel
Skid Shoes:	
Wing	3/8" x 3" AR400
Center Section	3/8" x 5-1/2" AR400
Deck Rings:	Standard
Side Skirt Thickness:	Laminated up to 7/16" thick
Chain Shield:	
Standard Double Row	5/16" GR 30
Optional Cable through Chain	1/4" Cable
Minimum Tractor PTO Power:	80 hp
Recommended Tractor PTO Power:	100 hp
Drivelines:	
540 RPM Machine Gearcases	
Tractor to Transfer	CAT 6 with 80° CV
Transfer to Center/Wing	CAT 5
1000 RPM Machine Gearcases	
Tractor to Transfer	CAT 5 with 80° CV
Transfer to Center/Wing	CAT 5
Driveline Protection:	Preset Friction Torque Limiters

Gearcase Power Rating:	
Transfer Gearcase:	200 hp - continuous 250 hp - peak
Center and Wing Gearcase:	175 hp - continuous 200 hp - peak
Brush Cutting Capacity: 4"	
Blade Holder:	Standard - 3/4" Blade Carrier
Blades: Milled, 7-1/2" Overlap	
Standard	1/2" x 5"
Optional	1/2" x 4"
Blade Tip Speed:	
540 PTO	Center 17,960 ft/minute Wing 17,030 ft/minute
1000 PTO	Center 17,670 ft/minute Wing 15,950 ft/minute
Wing Lift Hydraulics:	Standard - Single acting individual circuits
Hitch (Self-leveling):	
Standard	1-1/4" Precision Clamping System
Optional	1-1/8" Clevis Hitch
Suspension:	
Center:	Walking Axle and Rubber Spring
Wings: Standard	Single Wheel and Rubber Spring
Optional	Walking Axle and Rubber Spring
Wheels/Tires:	
Standard	5 Bolt 20x5.5 Laminated
Optional	5 Bolt 22x6.6 Aircraft (foam filled)
Optional	5 Bolt 22x6.6 Aircraft (air filled)
Optional Accessories:	Light Kit, Wing Gauge Wheel, Toolbox



Degelman

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Details subject to change without notice.

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