Degelman

AGRICULTURAL EQUIPMENT

STRAWMA

The Degelman Strawmaster® pioneered the heavy harrow industry. It is the revolutionary machine designed to tackle enormous straw problems. It is simple, durable and effective. With 26 inch long tines placed in rows of four or five, and set in large ten foot wide by six foot deep sections, this machine is at the forefront of modern straw management. The Strawmaster® will shatter straw, control weeds, rake flax straw, and incorporate seed and chemicals.

" One of the best investments I've made. . . gets rid of the straw on the stubble field and pre-works the summerfallow before seeding. . . Works the land without drying it out and controls weeds. I have also used it to pack and level after seeding. " - Ray Francis, Herbert, SK

SPECIFICATIONS

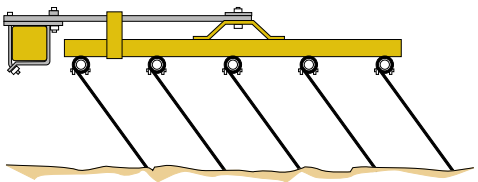
Model	SM30	SM50	SM70	SM82
Widths Available	30'	50'	70'	82'
Weight	7,700 lbs	10,300 lbs	12,900 lbs	14,200 lbs
Horsepower (min)	100	150	200	300
Horsepower (ideal)	150	200	300	350
Transport Hitch Weight	-300 lbs (upwards)			
Transport Width	14'-7"			
Transport Length	32'	42'	52'	58'
Transport Height	10'-6"			
Trailer Frame	4" x 8" x 1/4"			
Wing Beam	8" x 8" x 1/4"			8" x 8" x 3/8"
Harrow Sections	3	5	7	9
Rows of Tines	5			
Tine Spacing	18" Centers			
Tine Section Frame	2" x 4" x 3/16"			
Tine Size	5/8" x 26" Standard, Carbide Endura-Tip			
Tine Replacement	Easy Drop-Out Tine Bar			
Hydraulics - Auto-Fold	3-1/2" x 31" x 2" Rod			
Hydraulics - Center Beam Lift (optional)	3" x 8" x 1-1/4" Rod			
Hydraulics - End Wheels (optional)	2-3/4" x 8" x 1-1/4" Rod			
Hydraulics - Tine Angle (optional)	Re-Phasing (incremental sizes)			
Tires - Main Cart	16.5 L x 16.1			
Tires - End Wheel	9.5 L x 15 Highway			
Tires - Transport	9.5 L x 15 Highway			11 L x 15

Patented Spring Bar Control

At the heart of every Strawmaster® is the simple torsional spring bar design. These twin spring bars allow in-cab hydraulic control by applying pressure from zero to 1900 pounds per harrow section. As well, the spring bars support the entire harrow in transport. Advantage: The Strawmaster® has zero moving parts on the harrow section.

Five Bar Sections

The tine bar sections have 5 rows of 5/8" x 26" straight tines.



Five Bar - 5/8" x 26"Tines

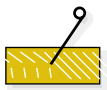
Ground Contouring

Under float or under pressure, the harrow sections are designed for flexibility. The spring bars are positioned along the sides of the harrow frame providing an even distribution of pressure to the frame. The spring bars can then flex in response, rising over hills and falling into hollows.

On The Go Hydraulic Control

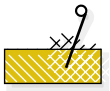
Optional hydraulic rephasing cylinders are available that replace our standard gear driven jacks. These cylinders help to synchronize the angle adjustment and provide consistent pressure for every section.

Breaking & Spreading Straw



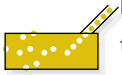
The primary purpose of the Strawmaster® is to breakup and spread most types of straw residue efficiently. For most farming practices, speeds of up to 12 m.p.h. can be attained.

Raking



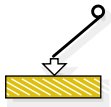
The Strawmaster® is the most popular machine for raking flax straw. It can maximize holding capacity by applying pressure through the spring bar control.

Chemical & Seed Incorporation

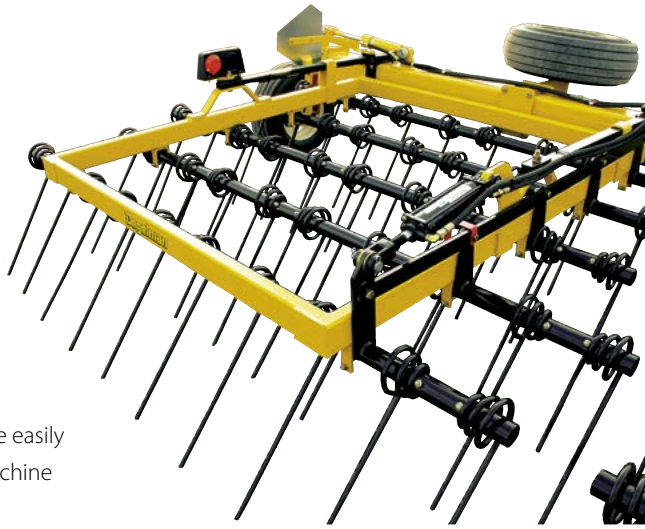


Incorporation is a natural for the Strawmaster®. By adding a Valmar Granular Applicator, both granular chemicals and seed are evenly distributed.

Field Packing

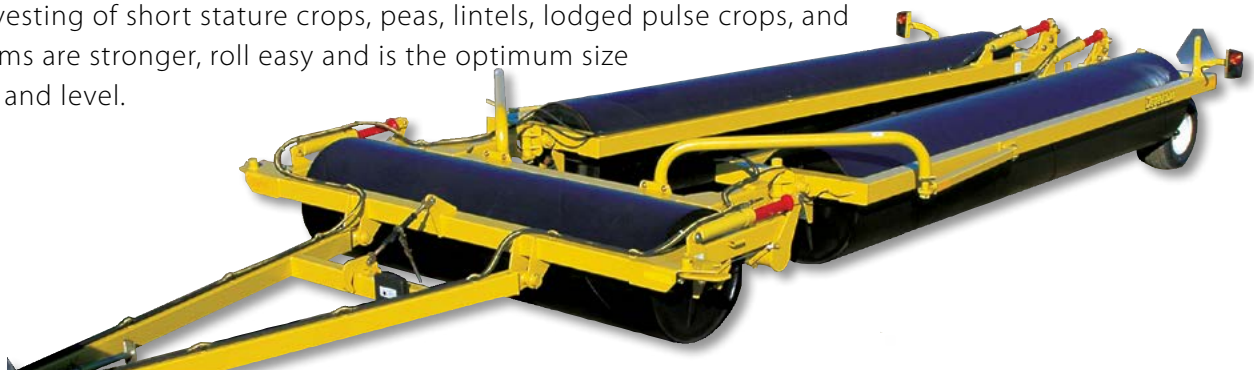


Moderatefield packing can be easily achieved by lowering the machine and leaning back the tines.



LANDRO

Without a doubt there are more Degelman rollers out there than any other roller. Literally thousands of customers from inexperienced operators from the rental market to large scale corporate farms depend on Degelman. Degelman rollers are simple, low maintenance machines that stay in the field. Any other roller is really just a compromise as Degelman has been improving these rollers year after year for twenty years. Frame tubing is large, heavy and reinforced, heavy bearings are oversized and the transport is simple and safe. Degelman Land Rollers are the ideal machines for safe harvesting of short stature crops, peas, lintels, lodged pulse crops, and soy bean. The 36" drums are stronger, roll easy and is the optimum size to keep fields smooth and level.



TRI PLEX
OLLER

Why 36" Diameter

For twenty years Degelman produced 36" diameter drums and for a reason. They work and are the ideal diameter for rolling resistance, packing pressure and strength. Bigger isn't always better. A smaller drum is stronger when you are pounding rocks down and provides 5% more packing pressure than a 42" drum. The 6x6" HSST wrap around frame is also that much stronger. One more reason why Degelman is the most popular roller on the market.

SPECIFICATIONS

Product	Tri Plex		
Model	LR7634	LR7645	LR7651
# of Segments	3		
Drum Width Configuration	11'-6" | 11'-6" | 11'-6"	17' | 11'-6" | 17'	20' | 11'-6" | 20'
Working Width	34'	45'	51'
Drum Diameter	36"		
Drum Overlap	4-3/8"		
Drum Width (center)	11'-6"		
Drum Width (wing)	11'-6"	17'	20'
Drum Width (inner wing)	n/a		
Drum Width (outer wing)	n/a		
Transport Length	36'-6"	42'	45'
Transport Width	16'		
Transport Height	5'-2"		
Working Weight	12,195 lbs	16,733 lbs	18,007 lbs
Weight Per Ft	359 lbs	372 lbs	353 lbs
Transport Hitch Weight	475 lbs		275 lbs
Hitch Pole Thickness	4" x 6" x 1/4"		
Center Frame Thickness	6" x 6" x 1/4"		
Wing Frame Thickness	6" x 6" x 1/4"		
Hydraulics - Hitch Float	n/a		
Hydraulics - Transport (center)	3-1/2" x 16" x 1-1/2" Rod		
Drum Wall Thickness	.46 - .6"		
Drum Bearings	2-7/16" Double Row Spherical Roller		
Drum Shaft (impact resistant)	2-7/16" dia		
Cross Joint Pins	2" dia		
Tires (center frame)	9.5 L x 15 (8-Ply)		
Tires (wing)	9.5 L x 15 (8-Ply)		12.5 L x 15 (8-Ply)
Floating Hitch	Mechanical		
Mud Scrapers	Standard		
Safety Lights	LED		
Autofold (transport to field)	Back Up		
Autofold (field to transport)	Drive Forward		

Heavy Duty And Built To Last

The rigid reinforced frame is made out of six inch structural tubing. The drums are manufactured from 36 inch diameter pipe with over-sized shafts and bearings. Extra heavy duty cross joints and high quality cylinders and bearings are just a few of the standard features.

LANDRO

Degelman Five Plex rollers are built like no other and made for big operators that cannot afford any down time. The robust frame, oversized commercial no-maintenace bearings and simple straight forward design is the accepted standard by serious operators. Drum overlap has to be done right. Competitors will try to disguise overlap with small secondary drums causing unequal pressure, unnecessary complexity, moving parts and bearings. Degelman drum overlap is simple and built into one heavy duty design.

Inexperienced operators from the rental market to large scale corporate farms depend on Degelman. Degelman Five Plex rollers are simple, low maintenance machines that stay in the field. Frame tubing is large, heavy and reinforced. Bearings are extreme commercial duty and oversized. Transport is simple and safe. Cross joints are massive. The 36" drums are stronger, provide more packing pressure, roll easy and are the optimum size to keep fields smooth and level.

FIVE PLEX ROLLER

Extreme Duty No Maintenance Bearings

These extreme duty, double-row, spherical bearings are proven through years of performance in applications ranging from marine to mining. The sturdy one-piece flange unit and bearing insert is completely assembled, sealed and lubricated in clean factory environments. The phosphate coated insert bearing provides excellent corrosion protection. Single lip contact seals mounted in the outer ring of the bearing ensure superior sealing under contaminated conditions and allow higher misalignment capability.

Flexibility For Rough Terrain

The unique "floating hitch" system provides the LR8000 series with more flexibility while in the field position. The hydraulic cylinders set on "float" allow the roller to move freely over rough terrain without being restricted by the hitch.

Simple And Safe Transport

The ease of transporting this roller from working width to a transport width of 14 feet (without operators needing to leave the tractor cab) makes it the safest in transport of any land roller available.

True Drum Overlap

Drum overlap has to be done right. Competitors will try to disguise overlap with small secondary drums causing unequal pressure, unnecessary complexity, moving parts and bearings. Degelman drum overlap is simple and built into one heavy duty design.

SPECIFICATIONS

Product	Five Plex	
Model	LR8064	LR8080
# of Segments	5	
Drum Width Configuration	13' | 13' | 15' | 13' | 13'	17' | 17' | 15' | 17' | 17'
Working Width	64'	80'
Drum Diameter	36"	
Drum Overlap	6" & 11-1/2"	
Drum Width (center)	15'	
Drum Width (wing)	n/a	n/a
Drum Width (inner wing)	13'	17'
Drum Width (outer wing)	13'	17'
Transport Length	51'-6"	59'-5"
Transport Width	16'	
Transport Height	6'-10"	
Working Weight	28,673 lbs	33,202 lbs
Weight Per Ft	448 lbs	415 lbs
Transport Hitch Weight	750 lbs	575 lbs
Hitch Pole Thickness	4" x 6" x 1/4"	
Center Frame Thickness	8" x 12" x 1/4" & 8" x 8" x 1/4"	
Wing Frame Thickness	8" x 12" x 1/4"	
Hydraulics - Hitch Float	3-1/2" x 8" x 1-1/2" Rod	
Hydraulics - Transport (center)	3-1/2" x 16" x 1-1/2" Rod	
Drum Wall Thickness	.46 - .6"	
Drum Bearings	2-7/16" Double Row Spherical Roller	
Drum Shaft (impact resistant)	2-7/16" dia	
Cross Joint Pins	2-1/2" dia	
Tires (center frame)	11 L x 15 (12-Ply)	
Tires (wing)	17.5 L x 16 (8-Ply) or 235 (75R)	
Floating Hitch	Hydraulic	
Mud Scrapers	Standard	
Safety Lights	LED	
Autofold (transport to field)	Back Up with Hydraulic Assist	
Autofold (field to transport)	Drive Forward	

SIGNAT
ROCK PI

The Signature™ Series Rock Pickers are used in countries all over the globe and in every type of field condition imaginable. Degelman Signature™ Series Rock Pickers are top of the line machines - designed for the most demanding rock removal applications day in and day out. These machines are ideal for rock windrows and extreme-duty picking applications.

A Rock Solid Philosophy - In 1963 Wilf Degelman created his first rock picker and an unrivalled company philosophy: *"The fewer number of parts and complexity the better. And when you build something, build it right, build it heavy and build it to last from top to bottom."*
This is the same philosophy we use in every piece of machinery we make to this very day.

URE ® SERIES

CKER

"Glad to see lots of steel on your 7200 picker just like the rest of your products.
The picker works excellent on breaking, the hydraulic drive is a good way to go on the roots."
- Ron Lamb, Wishart, SK

Compression Spring Reels

High strength compression spring reels give the Signature™ Series unprecedented durability. From a small rock to a huge boulder, it can handle any type of job.

16.5L X 16.1 Flotation Tires

These large high flotation tires are standard equipment used to reduce soil compaction while carrying those heavy loads.

Grated Hopper Bottom

Spring tine steel straps in the hopper are engineered to bounce back into shape.

Rock Guard

This is a standard feature which stops rocks from spilling and allows picking at a faster speed. It also loads from the back to the front, filling the bucket to maximum capacity.

SPECIFICATIONS

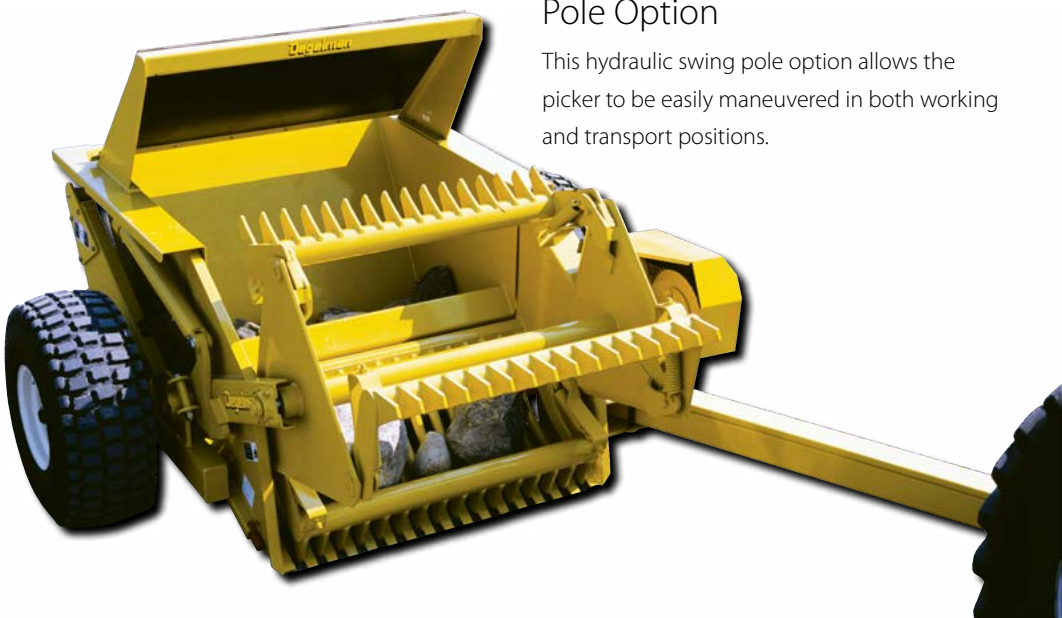
Model	Signature 6000	Signature 7200
Working Width	11'-6"	13'-11"
Grill Width	5'	6'
Transport Width	9'-7"	10'-10"
Horsepower	70-150 hp	70-180 hp
Hopper Capacity	2 yd^3	3 yd^3
Weight	4,700 lbs	6,350 lbs
Hitch Weight	750 lbs	850 lbs
Length	14'-16'	
Height - Empty	6'-4"	
Height - Unloading	3'	
Frame	6" x 6" x 1/4"	
Drive	Hydraulic	
Chain	#100 hd	
Paddles	3 Paddles	
Paddle Teeth Surface	Hard Surface	
Grill Tines	Tips)	
Hitch	Bolt-On	
Hitch Pole	Hydraulic	
Reel Spring	Tension	Compression
Hydraulic Cylinders	3" x 31" x 1-1/2" Rod	
Hydraulic Pressure (min)	2,500 psi	
Hydraulic Flow (min)	15 gpm	
Hydraulic Motor Displacement	280 cm^3 (17.1 in^3)	
Hydraulic Outlets Needed	3	
Tires	16.5 L x 16.1	
Picks Rocks	2" - 24"	

Solid Shaft Tines With Replaceable Grill Tips

The grill is easily maintained with replaceable tips and provides six feet of clean sifting and trouble free performance. That means less downtime and longer life.

Hydraulic Swing Pole Option

This hydraulic swing pole option allows the picker to be easily maneuvered in both working and transport positions.



ROCK DIG
PRONG PI

The best solution for big rock handling. Used for years by professional landscapers, contractors and farmers, the Degelman Prong Rock Picker and Digger are designed to clear big stones and boulders for selective rock picking. These proven rugged machines are ideal for land clearing and reclamation applications.

" Several of my neighbours are using the Degelman Rock Digger with very impressive results. I've seen huge rocks extracted with this machine . . . It will definitely make my land safer for my machinery and will increase its value. " - Kent Ableidinger, Kensal, ND

GER &
CKER

SPECIFICATIONS

Model	RD320
Width	8'-6"
Transport Length	13'-5"
Weight	2,400 lbs
Hitch Weight	240 lbs
Digging Depth	32"
Horsepower (max)	250 hp
Tires	12.5 L x 15
Hydraulics - Lifting/Digging	5" x 24" x 2-1/2" Rod
Hydraulics - Cradle Arms	3" x 16" x 1-1/2" Rod

Prong Picker R570p

The R570P Prong Rock Picker has tremendous strength for a small machine. This fork-type rock picker is ideal for picking anything from a two pound stone to a 3000 pound boulder.

SIMPLICITY. One hydraulic lever works both the operation of the grill for picking as well as the hopper for unloading.

CAPACITY. The prong is equipped with a 1-1/2 cubic yard capacity hopper.

VERSATILITY. There are three hydraulic settings that operate the fork, providing operators with their choice of power or speed.

DURABILITY. The entire machine is a simple forklift design with one moving part.
The machine incorporates spring steel tines that won't bend or break, and will last a lifetime. The mainframe is constructed with a double-tubing design, while the high quality twin Degelman hydraulic cylinders provide the power.

SPECIFICATIONS

Model	R570P
Width	10'-5"
Grill Width	4'-10"
Transport Width	8'-9"
Hopper Capacity	1-1/2 yd^3
Weight	2,580 lbs
Hitch Weight	300 lbs
Length	14'-6'
Height - Empty	42"
Height - Unloading	32"
Main Frame	2" x 8-1/2" x 1/4"
Grill Tines	Bolt-On/Replaceable 1" x 2"
Hitch	Bolt-On
Hitch Pole	Rigid
Hydraulic Cylinders	2-1/2" x 31" x 1-1/2" Rod
Hydraulic Pressure (min)	2,500 psi
Hydraulic Outlets Needed	1
Tires	12.5 L x 15
Picks Rocks	6" - 48"

PRONG PICKER R570P

Rock Digger Rd320

The Degelman RD320 is a trouble-free and versatile machine. Besides digging out submerged rocks, it can grab, lift, and transport boulders. The RD320 includes these rugged features:

Powerful Cylinders

We've provided a powerful 5" x 24" hydraulic cylinder for digging and lifting. The cradle arms have an independent 3" x 16" hydraulic cylinder for grabbing which holds the rock in transport. This means large horsepower tractors are unnecessary as the RD320 has ample hydraulic strength for digging.

Spring Steel Digging Teeth

These hard surfaced digging teeth are two inches thick. This means the teeth won't bend, won't break, and will last a lifetime. The teeth are angled to allow for easy gliding into the soil while the hydraulics are in float position.

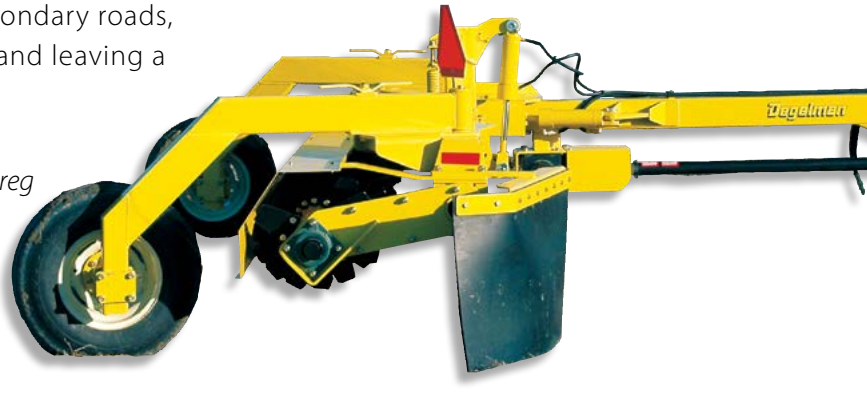
Extra Long Teeth

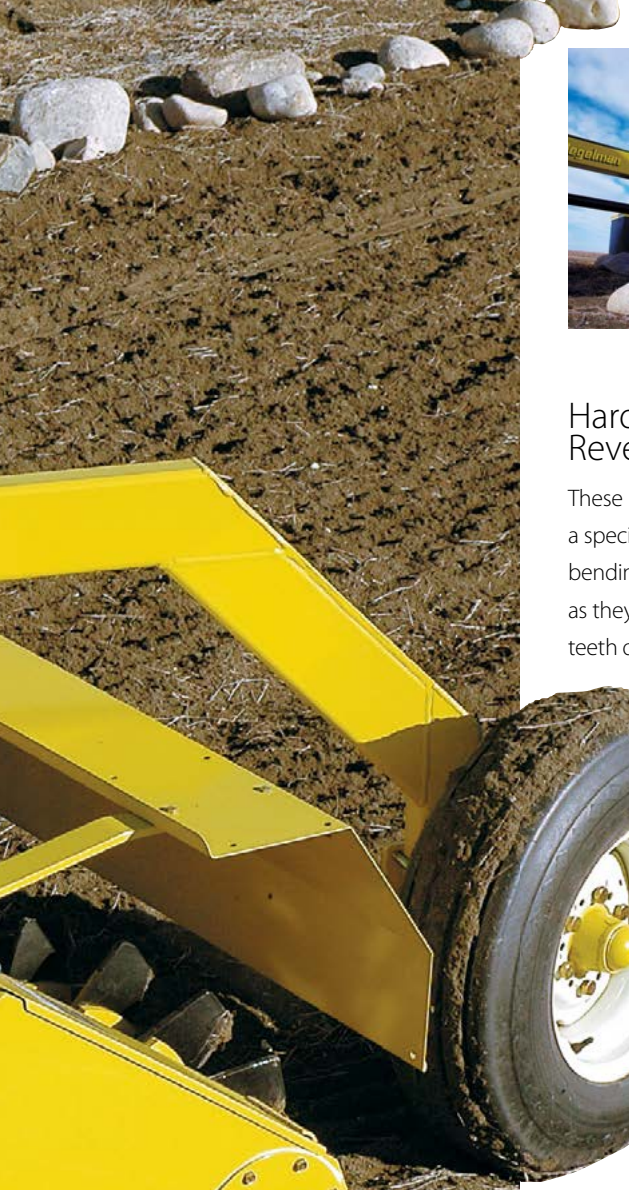
Four extra long teeth allow the RD320 to dig down to 32 inches. The benefits of having four teeth are to provide extra grip, better control and handling, and less chance of the rock skidding or falling out. They also provide a more secure hold on the rock when transporting it.

ROCK

Built in the Degelman tradition of quality rock removal equipment, the RR1500 Rock Rake tackles a variety of jobs, including windrowing rocks for subsequent picking, reclaiming gravel on secondary roads, conditioning soil for the construction of golf courses, and leaving a well-groomed final finish for optimum seeding.

"Well-built products with pride and thought put into them." - Greg Sueen, Barrhead, AB





RR1500 RAKE

Reclaim Gravel

For years rural municipalities have saved thousands of dollars, reclaiming up to 75% of their lost gravel with a Degelman Rock Rake. A simple sprocket change in the transfer case will speed the output drum to the optimum speed for breaking lumps, pulling up and sifting shoulder side gravel off of rural roads.

Drive Train

The rock rake drive train is a whole-drive system consisting of heavy duty drivelines, gear box, #100 roller chain, and slip clutch. The entire rock rake is driven either hydraulically or by 540/1000 PTO.

Hard Surfaced Reversible/Replaceable Teeth

These hard surfaced teeth are manufactured using a special grade of steel to avoid breaking and bending. These teeth also provide maximum wear as they can be rotated to use both sides. When teeth do have to be replaced, this can be done without changing the entire drum.

Optional Hydraulic Drum

The optional hyraulic powered drum allows for tight turning, quick hitching and reduced drive maintenance. The heart of Parker's TK-series powertrain, the torque link, is an extra-heavy-duty part that includes patented 60:40 spline geometry. Rugged construction throughout allows the transmission of over 23,000 lb-in of torque. The entire powertrain is continually washed in cool, high flow fluid to assure long life. Roller vanes and sealed commutator maintain high efficiency and provide smooth low speed performance.

Hydraulic Folding System

The hydraulic folding system comes standard on every machine, and provides for an easy narrow transport width of eight feet and a working position of 14 feet.

Floating Drum

The floating drum absorbs the shock of buried obstructions taking the stress off the machine.

Hydraulic Drum Angle

The hydraulic angle adjustment allows the operator to hydraulically angle the entire machine on the go. Drum Angle can be adjusted from 10° to 30° to achieve the optimum working angle to suit various windrowing conditions.

SPECIFICATIONS

Model	RR1500
Width	14'
Length	17'-10"
Transport Width	7'-4"
Transport Length	18'-10"
Weight	3,640 lbs
Hitch Weight	475 lbs
Horsepower (min)	75 hp
Drum Angle	10° - 30°
Frame	6" x 6" x 1/4"
Drive - PTO	1000/540/540 Municipal
Drive - Hydraulic (min)	17 gpm @ 2,700 psi
Drive - Hydraulic (ideal)	20-30 gpm @ 3,000 psi
Chain	#100
Rock Flap	Standard
Teeth	Hard Surfaced (Reversible/Replaceable)
Hydraulics - Angling	3" x 8" x 1-1/4" Rod
Hydraulics - Llifting	3" x 8" x 1-1/4" Rod
Tires	9.5L x 15 Highway

Extreme Duty Chain Oil Bath

Built for extreme duty, this easy to service chain housing unit provides a continuous oil bath for constant lubrication. It also incorporates our improved chain tightening system for quick and simple adjustment.

MANURE SPRE

The design is unmistakably Degelman. After five years of design, development, and intensive testing, Degelman introduces the most rugged spreader available – the M Series.

From the ground up, these spreaders were designed with rocks in mind, from its proprietary retractable free-swing flails, super duty gearbox, smooth sidewalls and heavy-duty frame to its clean gate opening.

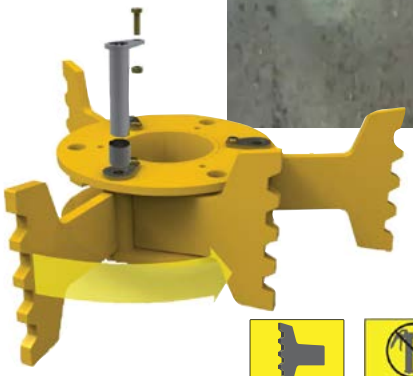
M28/M34
ADER

SPECIFICATIONS

Model	M28	M34
Spread Width	60'- 80'	
Unloading Time	90 sec	100 sec
Horsepower (ideal)	180+ hp	225+ hp
Dry Weight	21,600 lbs	23,000 lbs
Hitch Weight	620lbs	875lbs
Capacity	28 t (2,000 lbs/yd^3)	34 t (2,000 lbs/yd^3)
	28 yd^3	34 yd^3
	21 m^3	26 m^3
	756 ft^3	918 ft^3
Loading Height	8'-6"	
Inside Width	6'-6"	
Inside Length	19'	23'
Hydraulic Pressure (min)	2,700 psi	
Hydraulic Flow (min)	25 gpm	
PTO	1000 rpm, 1-3/4" - 20 Spline	
Tires (standard)	Alliance 650/55R26.5	
Tires (optional)	Muckmaster 750/60R26	
Flails	Max Life Replaceable Carbide Tip	

Rock Bypass System

Up until now, all spreaders in the world employ beaters made from some variation of a helical or auger shape. This inherently rigid design is always vulnerable to rock damage and high maintenance costs.



The Degelman ROCK BYPASS SYSTEM (RBS), the heart of the M Series, is nothing short of revolutionary. Five rows of free-swing flails, not only collapse upon stone impact, but will exceed expectations for throw distance, durability and even distribution pattern. The M Series cuts and tears material, drops heavier crumbled material to the next lower set of paddles for final processing and discharges material over 60 feet.

Hammerhead Paddle Technology

Hammerhead paddles are state-of-the-art especially for wet, sticky and clay-mix manures. The hammerhead shape covers the discharge opening equalizing the load amongst the paddles and its weighted corrugated teeth shred and distribute material without a centre buildup. Spread pattern is truly unrivalled. Hammerhead paddles still swing back for severe obstructions with the Rock Bypass System and Flat or Hammerhead paddles can still be changed by simply pulling a pin.

Distribution and throw distance is unrivalled with the Degelman M28. Fine pulverized material is spread over 60 feet with secondary field passes normally not required. Hydraulic Push Off systems, however, compress manure as it is unloaded. This compression rate changes as less material is available for offloading resulting in inconsistent field distribution patterns.