

***Degelman***

# **STRAWMASTER | PRO**

HIGH PRODUCTION FIELD CONDITIONER





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## MORE THAN A BIG HARROW.

In today's farming, time is precious. We have big acres to cover, with a relatively short growing season. Our leading farmers have been waiting for a tool to help warm the soil and promote effective seed germination. The Strawmaster Pro, with its incredible tine penetration, not only rakes straw, but moves ground, blackening up the field, stimulating plant growth when it's most critical.

It's clear, farms are getting bigger and so is the farmer's work load. The Strawmaster Pro with its up to 120'

working width makes short order of just about any field. Running at speeds upwards of 12 mph, with a machine weight near 50,000lbs, equipped with a 30" carbide Endura-Tip tine, simply does more. More acres, more tillage, more life. To build a 120ft machine is a challenge not to be taken lightly. Degelman's break-through development of Hydralink technology is the key that allows for frame flexibility and field contour. The Pro not only has the ability to transfer the machine weight to each tine but does so in hilly conditions.



# THIS IS TILLAGE.

The Degelman Strawmaster Pro is a revolutionary machine designed for both straw management or light tillage applications. With 30 inch long tines placed in 4 rows, this machine is beyond any other harrow bar. The Strawmaster Pro will shatter straw, help control weeds, rake flax straw, and incorporate seed and herbicide.





DEGELMAN EXCLUSIVE ENDURA-TIP

# LONG LIFE. MAXIMUM PERFORMANCE.

The Carbide Endura-Tip is an exclusive option to Degelman Strawmasters that will significantly increase the life and performance of your harrow bar. The tungsten carbide tipped harrow tines maintain their original length and shape, resulting in enhanced control and a more consistent field finish.



## 30" OF VIBRATION.

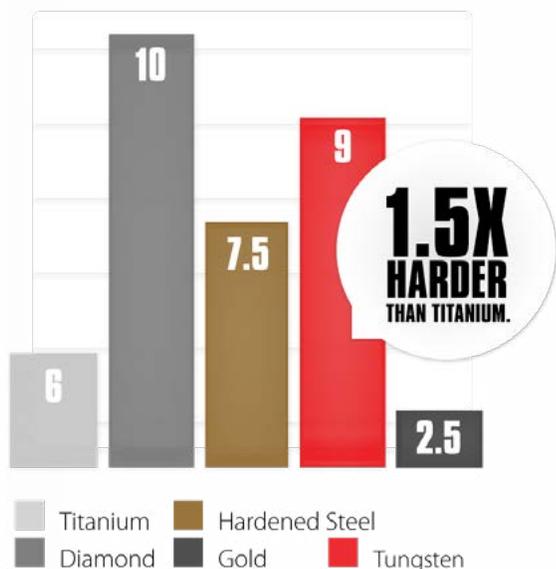
30" tines. Perfectly engineered for movement. Creating the maximum amount of mixture, leaving a fine, flawless seedbed.

## CUTTING EDGE.

The sharp corners of the square tungsten carbide tip act as cutting edges, chopping and mixing at a far superior rate than traditional round tine tips.



MOHS SCALE OF MINERAL HARDNESS

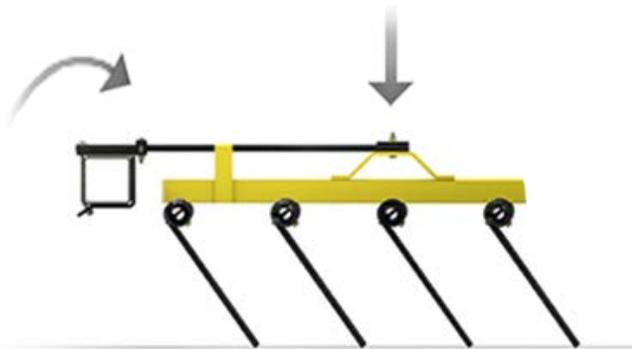


## TUNGSTEN CARBIDE.

Simply the best tines available on the market today. At 1.5 times the hardness of titanium, our tungsten carbide tine tips are proven to last 8 – 10 times longer than our competitors.

# CONTOURING FRAME.

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 to counter pressure from the land with each section rising over hills and falling into hollows.



## 50,000 LBS of Downward Force

Simply rotate the 8" x 8" beam hydraulically on the fly and the patented torsion system applies up to 50,000 LBS of pressure through the spring bars to the ground.



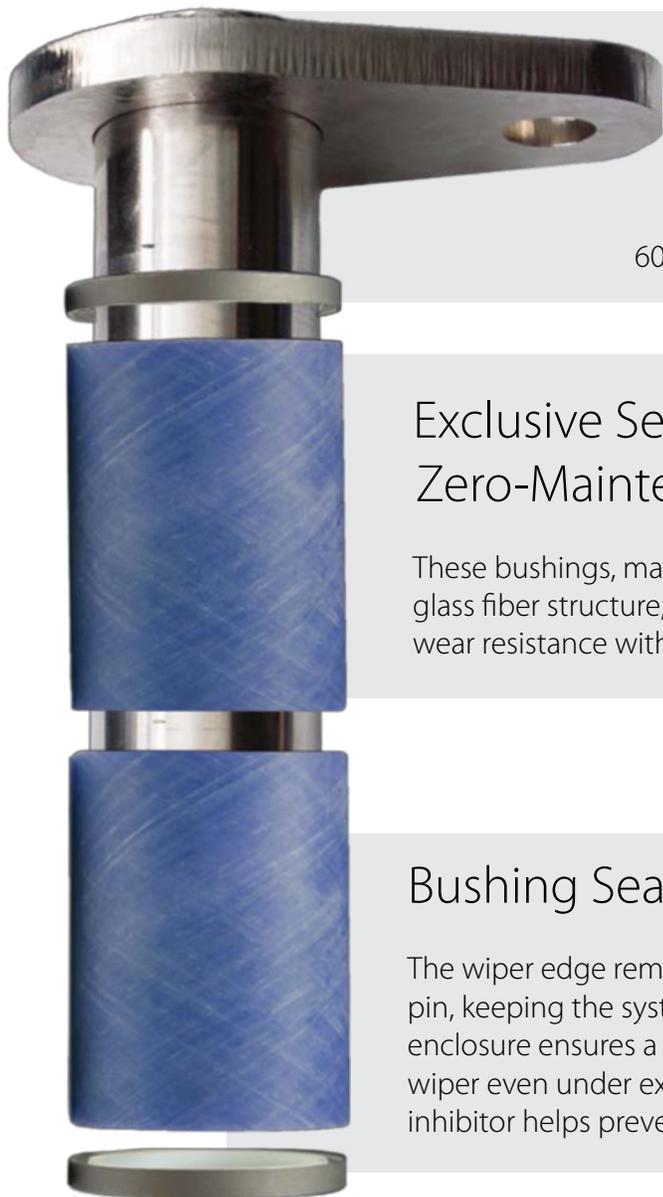
## Degelman Hydralink

The innovative Degelman Hydralink allows for even, adjustable pressure from the comfort of the cab, all while allowing each section to contour to the land independently.

# ENGINEERED TOUGH.

You may have noticed Degelman has made its mark in the industry by over doing things. Making our machines big and heavy, developing practical solutions and holding tight manufacturing tolerances, simply makes Degelman machines perform better and last longer with less problems.

Zero maintenance is our goal, which means we only ask you to do two things - drop the pin and go!



## Over Sized Electroless Plated Nickel Pin

At 2 and 2.5" in diameter, these high tensile steel pins are 60% larger than any other pin on the market.

## Exclusive Self-Lubricated, Zero-Maintenance Bushing

These bushings, manufactured from a friction liner applied on a glass fiber structure, have excellent friction properties and improved wear resistance without external lubrication even on high loads.



## Bushing Seal

The wiper edge removes even the toughest dirt and contaminants from the pin, keeping the system running clean and at its peak performance. The metal enclosure ensures a secure fit in the open housing, preventing expulsion of the wiper even under extreme conditions, and a low carbon steel case with rust inhibitor helps prevent premature corrosion.

# COMPACT TRANSPORT.

The wing back, auto-fold design is incredibly stable for road transport. It incorporates an ultra low profile, 12' (3.9m) – ideal for clearing bridges, power lines and for storage. The tremendous size of the Strawmaster Pro collapses to a minimal 18' width while in transport mode, ideal for moving from one location to another.



## Long Life Tires

Designed with great self-cleaning characteristics, these tires are suitable for on and off-the-road agricultural service on trailers and implements. The high load capacity and low inflation pressure of the tire results in high degree of agricultural soil protection, as well as low rolling resistance on both, on and off-road uses. It's strong nylon construction and compounds ensure long life.



## Steerable End Wheels

Steerable end wheels allow the operator to move from transport to field position with ease.

## SPECIFICATIONS

Model	SMP80	SMP100	SMP120
Widths Available	80'	100'	120'
Weight	37,300 lbs	45,900 lbs	48,300 lbs
Horsepower (min)	400 hp	450 hp	560 hp
Horsepower (ideal)	440 hp	550 hp	620+ hp
Transport Hitch Weight	3,455 lbs	3,780 lbs	3,750 lbs
Transport Width	18'		
Transport Length	64'-8"	74'-8"	84'-2"
Transport Height	12'		
Trailer Frame	6" x 10" x 3/8"		
Wing Beam	12" x 16" x 3/8"		
Section Beam	8" x 8" x 3/8"		
Harrow Sections	8	10	12
Rows of Tines	4		
Tine Spacing	24" Centers		
Tine Section Frame	2" x 4" x 1/4"		
Tine Size	5/8" x 30" Carbide Endura-Tip		
Tine Replacement	Easy Drop-Out Tine Bar		
Hydraulic Outlets	4		
Hydraulics - Transport	2-1/2" x 16" x 1-1/2" Rod		
Hydraulic - Beam Lift	4" x 24" x 2" Rod		
Hydraulics - Auto-Fold Latch	2" x 4" x 1-1/4" Rod		
Tine Angle Adjustment	Ratchet Jack		
Adjustable Down Force	Hydraulic		
Hitch Lift	Hydraulic		
Tires	328 High Speed Flotation 550/45-22.5		

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