

Degelman

M28/M34

MANURE SPREADER





WHAT MAKES THE WORLD'S BEST SPREADER?

DEGELMAN TOUGH

How do you build the best manure spreader in the world? Start with Degelman, renowned for building legendary equipment for the past 50 years. The design is unmistakably Degelman. After five years of design, development, and intensive testing, Degelman introduces the most rugged spreaders available – the Degelman M Series.

From the ground up, these machines have been 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.

ROCK BYPASS SYSTEM

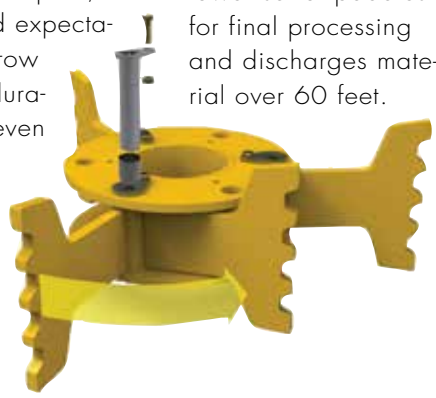
Up until now, all spreaders in the world employ beaters made from some variation of a helical or auger shape. This inherently rigid design is always vulnerable to rock damage and high maintenance costs.

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. Degelman manure spreaders cut and tear material,



drop heavier crumbled material to the next lower set of paddles for final processing and discharges material over 60 feet.



GREASELESS PINS

The paddles are interchangeable, reversible and can be easily replaced by removing a single over sized pin – without cutting or welding. These induction hardened chrome pins are sealed at either end by polymer bushings creating a completely greaseless operation.

MATERIALS TRAILER

The entire drive and beater assembly can be quickly lifted off the machine in minutes to clear any severe blockages and will quickly convert your spreader into a versatile wagon with an active drive floor ideal for transporting other commodities such as dirt and silage.

LOW MAINTENANCE

From the ground up, M Series were designed with superior components, easy access and minimal maintenance: replaceable impeller paddles,

4"x 12" HSST frame, super-duty gearboxes, oversized marine-grade chains, 1" AR400 paddles, self lubricating bearings, large oversized idler/drive grease points, high tensile bushings, nylon sandwiched walking wheels and easy to replace 2" x 4" floor slats.

GREAT VISIBILITY

The front wall, front drive and dosage gate are designed for outstanding visibility from the tractor cab. The front drive is also open for easy viewing and accessible with a single large easy access door for maintenance.



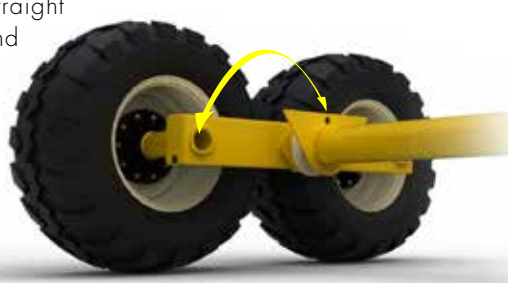
HOLLOW RUBBER SPRING FRAME SUSPENSION

Degelman manure spreaders were designed to handle heavy manure with a two-fold suspension system to reduce vibration and shock loading to the tractor drawbar and to the machine itself. The first system incorporates low maintenance convolution hollow rubber springs. These are suspended under the A-frame to better distribute loads and to de-amplify shock. Initial take-up is very smooth and the spring rate increase is progressive, resulting in a greatly improved ride,

improved load handling and greater load stability.

WALKING BEAM SUSPENSION

Secondly, Degelman manure spreaders incorporate a straight forward and time tested walking beam floating suspension system. Tandem walking wheels cut uneven terrain in half with a massive unrestricted range of motion. All four wheels are always in contact



WORLD'S MOST RUGGED GEARBOX

The gearboxes that support the beaters are the largest commercial boxes available. From the inside out, these boxes are overbuilt. The 2-3/4" diameter heat-treated spline shafts are massive. Oil bathed heat-treated gear sets and roller bearings are in some cases twice the size of anything out there. These boxes are designed for years of maintenance free commercial use. The input drivelines also include runaway clutches for further rock protection.



SUPERIOR DISTRIBUTION PATTERN

Distribution and throw distance is unrivalled with Degelman. Fine pulverized material is spread over 60 feet with secondary field passes normally not required. Hydraulic Push Off systems, how-

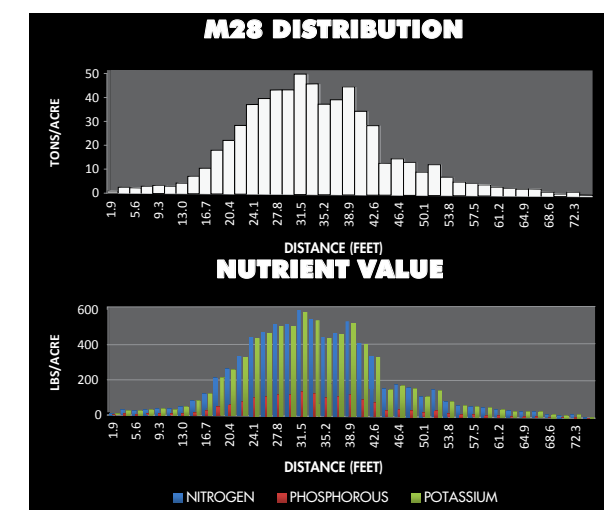
ever, compress manure as it is unloaded. This compression rate changes as less material is available for offloading resulting in inconsistent field distribution patterns.

Commercial operators have long known that a good chain floor

drag system will spread material more evenly and is more reliable. These machines pull the material to the beaters with dual 3/4" pre-stretched 100,000+ lb breaking strength marine grade drag chain and the Degelman RBS takes care of the rest.



SPECIFICATIONS	M28	M34
CAPACITY	28 Tons - 2000lbs/cu.yd. 28 cubic yards 21 cubic meters 756 cubic feet 950 bushels	34 Tons - 2000lbs/cu.yd. 34 cubic yards 26 cubic meters 918 cubic feet 1150 bushels
DRY WEIGHT	19,500lbs	21,500lbs
HORSEPOWER (recommended)	180+ HP	225+ HP
HYDRAULIC REQUIREMENTS	3000 psi 25gpm min	3000 psi 25gpm min
PTO	1000 RPM, 20 spl. 1-3/4"	1000 RPM, 20 spl. 1-3/4"
UNLOADING TIME	90 seconds	100 seconds
SPREAD WIDTH	60' - 80'	60' - 80'
TIRES	Alliance 650/55R 26.5	Alliance 650/55R 26.5
DIMENSIONS	Loading height 102" Inside width 78" Inside length 240" Outside width 12'10 1/4" Outside length 32' 3/4"	Loading height 102" Inside width 78" Inside length 285" Outside width 12'10 1/4" Outside length 35,11 3/4"



Patent pending. Degelman Industries Ltd. is constantly striving to improve its products and reserves the right to change design, material and specifications without notice. Printed in Canada