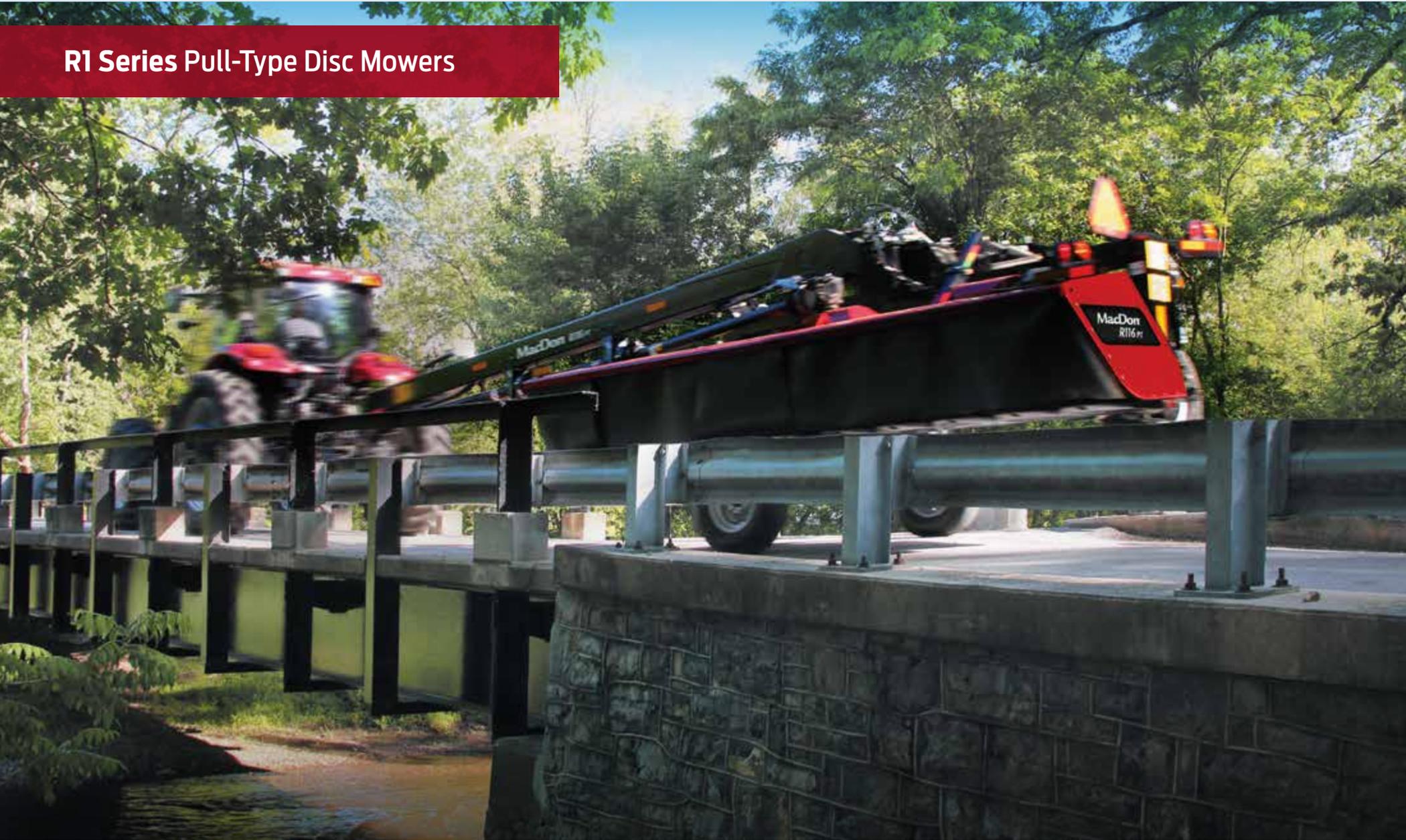


MacDon[®] *The Harvesting Specialists.*



Pull-Type Disc Mower Brochure

R1 Series Pull-Type Disc Mowers



Quick in the field, quick on the road.

Don't be limited by transport width. In just 30 seconds our Road Friendly Transport™ option, transforms both our 13' (4 m) and 16' (4.9 m) R1 Pull-Types to a narrow 9' (2.75 m) wide transport. This allows for quick travel to, from, and between fields. The all new forward mounted cutterbar design provides a cleaner, smoother cut than ever before, and it's backed by a 3 Year Cutterbar Warranty. No matter what the harvest situation or conditioning need, the R1 Series lays down well-formed, well-conditioned windrows with the industry's widest rolls at 129" (328 cm), and four interchangeable conditioning options. Don't limit your harvesting possibilities, find out why more top producers trust MacDon for their harvest.

A 9' WIDE ROAD FRIENDLY TRANSPORT (OPTIONAL)

Our Road Friendly Transport™ option is available on both models. This option transforms the R1 to a Road Friendly 9' (2.75 m) wide transport. Switch from field to transport in 30 seconds, for quick, safe travel to, from, and between fields. Moving from a 10' to 16' mower can increase productivity by 60%, making this option ideal for operations where transport restrictions are a limiting factor.



Switch from field to transport in 30 seconds



AE50 AWARD WINNER!

The R1 Series Pull-Type Disc Mowers received a 2016 AE50 Outstanding Innovation Award for our revolutionary RoadFriendly Transport™ package.

B CLEAN CUT

Our low profile forward mounted cutting discs provide a flat header angle resulting in a cleaner, smoother cut.

3 YEAR CUTTERBAR WARRANTY

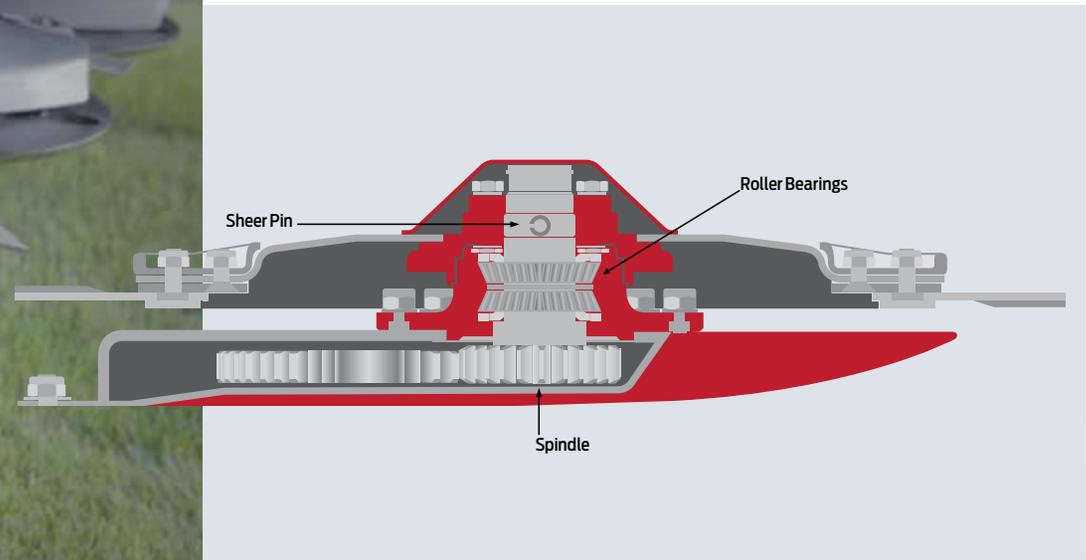
Our new cutterbar design is backed by MacDon's 3 Year Cutterbar Warranty. That's our way of ensuring worry-free harvesting performance.

OVERLOAD PROTECTION

Each of the discs on the R1 Series cutterbar feature a shear pin. These pins are designed to shear if the disc comes in contact with any object large enough to stop its movement. The disc then moves up and out of the path of the adjacent discs, reducing the risk of serious damage to the cutterbar. The shear pin can be replaced in-field allowing operators to quickly get back to cutting.



*See the R1 Pull-Type
in action or watch
set-up videos at
MacDon.com/Videos*



C SERIOUS CONDITIONING

Featuring the industry's widest conditioning roll at 129" (328 cm), and 4 interchangeable conditioning options. Choose from Steel Inter-Meshing, Polyurethane Inter-Meshing, Finger Conditioner, or No Conditioner option. The R1 lays down well-formed, well-conditioned wide to narrow windrows to suit a variety of conditioning needs.



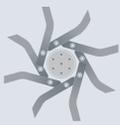
Steel Inter-Meshing Rolls:

This crimp style is especially effective for stiff or solid plant stem material. It produces well conditioned windrows over a wide range of widths. Ideal for high volume crops where aggressive feeding through the header is required. In smooth stemmed crops the steel inter-meshing roll action promotes even plant dry down by creating uniform crimps on the plant stem without bruising the delicate leaves. Steel rolls are extremely durable and require minimal maintenance.



Polyurethane Inter-Meshing Rolls:

Polyurethane delivers a combination crimp and crush action while being more gentle on plant leaves. The crushing action of the 129" (328 cm) wide polyurethane rolls produce a windrow that promotes quick even dry down of crops like alfalfa and alfalfa grass mixes. The polyurethane is also very effective on fine stemmed plants with solid stems like native hay, timothy, and bermuda grass.



Finger Conditioner:

The Finger Conditioner is ideal for wiping stem wax from plant stems. It creates a fluffy windrow best suited to promote dry down of crops like coastal grass and other mixed forages. The finger conditioner requires the least amount of horsepower of our conditioning options.

No Conditioner:

Not using a conditioner is ideal in crop conditions where laying out a wide loose windrow is enough to reduce moisture levels for baling or chopping.

D UNIQUE RESPONSIVE FLOAT

Using minimal ground pressure, our Responsive Float System moves the R1 "Up and Back" as it encounters bumps in the field. This unique movement results in true, even ground following and helps ensure a clean, smooth cut.

LOW HORSE POWER REQUIREMENTS

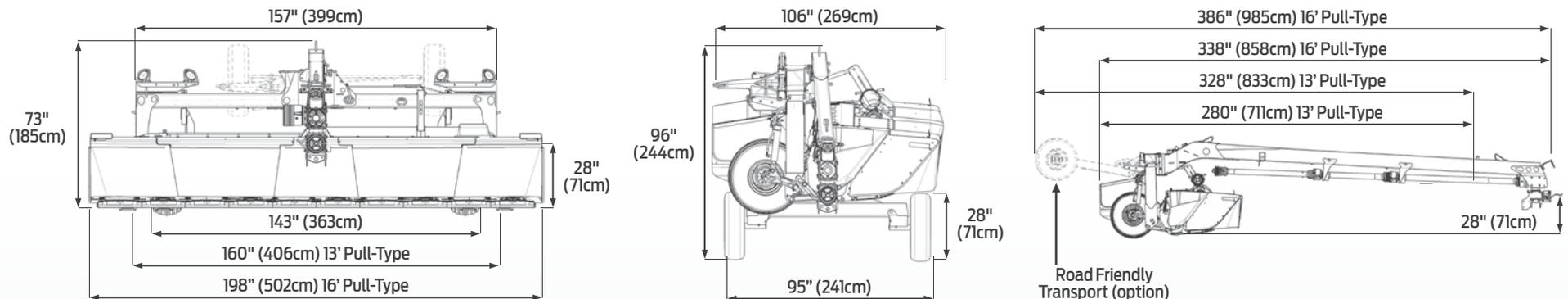
Requires only 100 hp for 13' and 125 hp for 16' model. Available with either 1000 pto 1.375" (35mm), 21 spline or 1.75" (45mm), 20 spline pto drive shaft options. Less horsepower means lower fuel consumption.



SPECIFICATIONS

R1 SERIES PULL-TYPE DISC MOWER SPECIFICATIONS

Size	13' (4 m)	16' (4.9 m)
Number of Cutting Discs / Blades	8 / 2	10 / 2
Horse Power Requirements	100 hp	125 hp
PTO	1000 RPM PTO 1 3/8" (35 mm) / 21 spline or 1 3/4" (45 mm) / 20 spline	
Weight (Steel Conditioner)	5300 lb (2404 kg)	6040 lb (2740 kg)
Weight (Steel Conditioner with Road Friendly Transport)	6800 lb (3085 kg)	7540 lb (3421 kg)
Length (without Road Friendly Transport)	280" (711 cm)	338" (858 cm)
Length (with Road Friendly Transport)	328" (833 cm)	386" (985 cm)
Transport Width (without Road Friendly Transport)	160" (406 cm)	198" (502 cm)
Transport Width (with Road Friendly Transport)	106" (269 cm)	106" (269 cm)
Tractor Hydraulic Capacity (psi)	2000 psi	
Tractor Hydraulic Remotes	Requires 2 remotes, 3 with Hydraulic Header Angle Adjustment option.	
Gear Train Protection (Cutter Bar)	Shear pin in each spindle	
Hay Conditioner Options: Type / Length	Inter-meshing steel and Polyurethane rolls and Finger Type / 129" (328 cm) / No Conditioner	
Hitch Type	Drawbar or Cat. II 2-Point Hitch (Quick Hitch Adaptable)	
Header Angle Adjustment	Manual standard, hydraulic optional.	
Mower Configuration	Center Pivot	
Field Tires	31-13.5 R15 8ply	
Transport Tires (optional)	235-80 R16	
Options	Tall crop divider, and Hydraulic header angle adjustment, Road Friendly Transport	



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Youtube.com/MacDonVideos

Keep your MacDon at peak performance with MacDon Performance Parts.

If you own a MacDon it's probably because you wanted a machine with a high level of performance, reliability, and overall quality. To keep your MacDon running at its peak performance, insist on MacDon Performance Parts. Our parts are designed to meet MacDon's demanding performance specifications. They are tested in the toughest real world conditions, ensuring the worry-free harvesting performance you've come to rely on with MacDon.

Demand the best for your harvest. Ask for MacDon Performance Parts at your local MacDon Dealer Parts counter.



MacDon[®] Performance Parts.



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Products subject to availability. Products featured may include available options. **MD-0111B R1 Series Pull-Type Disc Mower Brochure 2016-2017 Part #214111**