

**MacDon**® *The Harvesting Specialists.*



**WINDROWING  
SOLUTIONS**

The MacDon logo is displayed in white text on a red rectangular background. The background of the entire page is an aerial photograph of a green agricultural field with a concrete path running through it. A small piece of machinery is visible on the path in the lower right corner.

**MacDon**

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*\* Products and options may not be available in all regions. Contact your dealer for more information.*

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**MacDon Website**



# I HARVESTING PERFORMANCE

For over 70 years MacDon has been a world leader in technology, innovation, and manufacturing of high-performance harvesting equipment. Our harvesting history is rooted deep in the rich prairie heritage of Winnipeg, Manitoba, Canada. MacDon products are distributed and supported worldwide from offices in Canada, the United States, Australia, Russia, Brazil, and Germany.

MacDon's relentless pursuit of improvement is driven by the desire to make harvesting easier and more productive for farmers. Working directly with producers and custom harvesters in the toughest real-world conditions guides MacDon to pioneer industry-leading innovations like the FlexDraper®. MacDon has a worldwide reputation for excellence as **The Harvesting Specialists** and we are proud to make equipment that help producers harvest the crops that feed the world.



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**MacDon**® *The Harvesting Specialists.*



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# KEEP YOUR HARVESTING OPTIONS OPEN

As a farmer you deal with risk every day, so a little bit of control goes a long way. MacDon M1 Series Windrowers help widen your harvest window and give you more options to help manage that risk. MacDon has been perfecting the windrower concept for 70 years, so we know that with swathing comes great harvesting benefits: quicker harvest times, fully organic harvesting, a shorter season, an alternative to natural drying or desiccation, and even crop ripening. [Here's how MacDon Windrowers can help you reach the next level of harvesting performance.](#)

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### MULTI USE APPLICATION

MacDon windrowers can be used in a variety of harvesting applications thanks to three cutting platforms; auger, rotary, and rigid drapers. MacDon D1 Series Draper Headers are interchangeable between windrower and combine applications.



### IN CASE OF INEFFECTIVE DESICCATION

Wet, cold, cloudy weather and poor canopy penetration of the chemical may cause desiccation to be ineffective. Desiccation works best in hot and dry weather.



### REDUCED CROP LOSS CAUSED BY WEATHER

In the final stages of crop maturity, damage from wind or hail can cause crop losses that are higher in the unsheltered, standing crop. By protecting the majority of the crop in a swath for the final days until maturity, losses can be minimized.



### MINIMIZE PEST DAMAGE

For areas with pest issues, one of the best options for a successful harvest is to swath the crop before the pests damage the crop too much. This is done to control the infestation and damage the pests can do to the crops. By swathing before the crop suffers damage you can reduce your losses.



### MAXIMIZE COMBINE HARVESTER

When picking up a swath with a MacDon PW8 Pick-Up Header, the combine operator can focus on the combine, rather than straight cutting. Using a PW8 eliminates double cutting residual standing straw that most times is still green and wet, and can affect combining efficiency. Combine stoppage from minor issues like broken knife sections is eliminated. Picking up a swath also helps reduce combine rock ingestion compared to direct cutting on the ground.



### MANAGING HARVEST TIMING

Swathing can begin earlier than direct cutting, helping to spread out the harvest. The cutting of the crop is an instant action, resulting in a faster dry down compared to waiting for a pre-harvest glyphosate application to take effect.



### DOUBLE WINDROWING ABILITY

For low yield crop varieties, or in a low yielding year, the windrower can shift the drapers and place two swaths side by side. This effectively doubles the amount of crop going into the combine to keep the combine running at peak efficiency.



### ELIMINATING PRE-HARVEST CHEMICAL APPLICATIONS

By swathing crops to trigger the dry-down process, pre-harvest chemical applications are eliminated. With farmers facing increased consumer and regulatory pressure, particularly around the pre-harvest use of glyphosate, swathing provides a viable option to manage harvest timing without chemical use.



### EVEN CROP RIPENING

When crop matures unevenly due to hilly terrain, climate, staggered seeding, or uneven germination, crop cut by the windrower will continue to ripen in the swath, evening out as it dries down to the correct moisture content. This helps improve grain quality and can even eliminate the requirement to dry grain after harvest. Swathing at the right time also reduces the amount of seed loss compared to leaving the crop standing until the lower seeds ripen.



### WEED CONTROL

Weeds can often reach maturity and produce seeds at the same time that the crop is going into the final stages of maturity. Windrowing a crop before final maturity can cut weeds before they have a chance to produce seeds, helping reduce weed pressure for the subsequent season. Also, swathed weeds will dry out, reducing the amount of green weed material going through the combine. In pulse crops such as edible beans, weeds may smear or stain the seeds. By swathing them prior to picking them up with the combine you give the weeds a chance to dry out.

# M1 SERIES Windrowers

## M1 SERIES POWER

|               |   |
|---------------|---|
| M1170/M1170NT | 129 kW (173 HP) @ 2400 rpm 4.5L Cummins Turbo |
| M1240         | 185 kW (248 HP) @ 2200 rpm 6.7L Cummins Turbo |



## NEXT LEVEL HARVESTING PERFORMANCE

M1 Series Windrowers continue MacDon's tradition of bringing harvesting innovation to the field. These all-new Windrowers deliver power, performance, comfort, and speed. The powerful Cummins engines provide more than enough header drive capacity to power through the toughest harvesting situations. Our patented CrossFlex™ suspension makes the up to 29 km/h (18 mph) in-field and 45 km/h (28 mph) road speeds feel like a relaxed cruise. The high-back leather vented and heated seat, auto climate control, Bluetooth® radio, and the 360° Night Vision from 8 LED work lights will keep you comfortable and cutting long after the sun goes down. Setting a new standard in Windrower technology, the M1 Series is the next level of harvesting performance.

*\* Products and options may not be available in all regions. Contact your dealer for more information.*

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**MacDon Website**





**A**



**B**

**CrossFlex™**  
SUSPENSION

**POWERFUL PERFORMANCE**

Choose from a Cummins 6.7 liter Turbo Diesel engine that delivers 185 kW (248 HP) at 2200 rpm or a Cummins 4.5 liter Turbo Diesel with 129 kW (173 HP) at 2400 rpm. Either way, more engine power combined with increased header drive capacity means M1 Series Windrowers are ready for any harvesting situation.

**A KEEPING ITS COOL UNDER PRESSURE**

Keeping their cool under pressure, M1 Series Windrowers use a new dual radiator design to draw air from the cleanest location, behind the cab. To keep the clean air flowing constantly a hydraulic-drive reversing fan works on the go to blow out unwanted debris, keeping the engine and hydraulics running cool and efficiently, without the need of operator input.

**B A FAST SMOOTH RIDE & CLEAN CUT**

MacDon's all-new patented CrossFlex™ Suspension makes the 29 km/h (18 mph) in-field and 45 km/h (28 mph) road speeds feel like a relaxed cruise. This unique design absorbs impact from rough terrain allowing smooth harvesting no matter the field condition.



## **DWA**

### **SAVES TIME & MONEY**

MacDon's optional Double Windrow Attachment lets you achieve the ultimate windrow when paired with a rotary disc header. Ideal for keeping today's large forage harvesters working at capacity, this option allows operators to combine up to three passes into a single windrow. That translates into significant time and fuel savings in the field.

*\* Double Windrow Attachment is not compatible with all units.*



## **DUAL DIRECTION®**

### **FASTER IN & BETWEEN FIELDS\***

Thanks to MacDon's patented Dual Direction® steering you can switch from field to road mode in seconds and travel at speeds of up to 45 km/h (28 mph)\*. DIXL Series Draper Headers can be easily transported at 32 km/h (20 mph)\* with MacDon Windrowers using our Slow Speed Transport system, helping you spend less time in transport and more time cutting.

*\* Always follow local traffic laws and regulations.*

### **MASSIVE CROP CLEARANCE ABILITY**

Featuring the Industry's Best Crop Clearance with 115 cm (45" clearance) of height and 386 cm (152") of width, big bushy swaths flow effortlessly under the M1. Header lift height is improved too, 7.6 cm (3") higher than our previous model.

UP TO  
**29**  
**KM/H**  
(18 MPH)  
**IN-FIELD**

UP TO  
**45**  
**KM/H**  
(28 MPH)  
**ON ROAD**



## **360° NIGHT VISION**

The deluxe cab option takes performance to the next level with our 360° Night Vision from 8 high power LED work lights. The bright halo of light from our 360° Night Vision lets you work safely long after the sun goes down.

# PRODUCTIVITY NEVER FELT SO GOOD

The all-new cab offer many great features to keep operators safe, comfortable, and productive all day long. Standard cab includes: Ultra Glide® cab suspension, high-back multi-adjustable air ride seat, fold away trainer seat, auto climate control, Bluetooth® radio, windshield wipers with washer fluid, front and rear window shades, warning beacons, tilting and telescoping steering column, 4 halogen road lights, and 8 halogen work lights.



A

## A TRACK YOUR HARVEST PERFORMANCE

Operators will enjoy the all-new 17.8 cm (7") Harvest Performance Tracker. Track your harvest performance with an easy to read interface providing on board diagnostic readings and user customizing features.

## B PRECISION CONTROLS

The new two stage controls allow for faster and more precise positioning of the header. Users can easily program up to three One-Touch-Return buttons for fast in-field control of the header's height, tilt, cutting speed, reel, and draper operation.



B

## SMOOTH RIDE

MacDon's Ultra Glide® cab has a four-corner independent gas shock suspension system featuring stabilization to prevent cab roll.

The CrossFlex™ Suspension is designed to absorb impacts from rough terrain, and an air ride seat means operators will enjoy a smooth, comfortable, and controlled ride reducing fatigue and keeping them cutting all day long.



## DELUXE COMFORT AND PRODUCTIVITY

Our deluxe cab option takes comfort and performance to the next level, featuring heated and vented leather seating, power mirrors, and 360° Night Vision from 8 high power LED work lights. The bright halo of light from our Night Vision lets you smoothly transition from day to night.









**530**  
**LITER**  
**(140 GALLON)**  
**FUEL TANK**

## **SERVICE IN A FLASH**

The simple serviceability of the M1 Series means you'll spend less time on maintenance and more time cutting. DEF and fuel fills happen right from ground level, and the 530 liter (140 gallon) tank keeps you cutting all day. Check the oil without lifting the hood and see the hydraulic level at a glance from the sight glass. Access to the radiator and cooler box is easy. The sliding platform allows quick access to hydraulic hook-ups for quick header connection, and tools can be kept close by in our easy access lockable toolbox conveniently tucked away in the platform.

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**MacDon Website**



**WINDROWER TO HEADER COMPATIBILITY**

|             | A40D | A40DX | D65 | D1X | D1XL | R85           | R1          | R2  |
|-------------|------|-------|-----|-----|------|---------------|-------------|-----|
| M1170       |      | ✓     |     | ✓   | ✓    |               | ✓*          |     |
| M1240       |      | ✓     |     | ✓   | ✓    | ✓ 4.9 m (16') | ✓ 4 m (13') | ✓   |
| M155/M155E4 | ✓    |       | ✓   |     |      | ✓             | ✓*          |     |
| M205        | ✓    |       | ✓   |     |      | ✓ 4.9 m (16') |             | ✓** |

\* Double Windrow Attachment Not Available.

\*\* R2 Grass Seed Special Header is not compatible with the M205

# D1X/D1XL Draper Headers

## **SUPER-SIZED HARVESTING PERFORMANCE**

Low-podding, downed, tangled, or lodged crops—whatever the situation, MacDon D Series Draper Headers have always delivered outstanding harvesting performance. Now, you get that same legendary MacDon draper experience super-sized with our all-new D1XL Draper Headers. D1XL Drapers feature a deeper deck with 127 cm (50" wide) drapers, in header sizes from 9.1 m (30') to 13.7m (45') wide. These wide drapers perform with ease in big, bushy, high-volume crops, with up to 30% increased capacity in heavy crops. Designed to take full advantage of M1 Windrower features, operators will have precise control and customization of the header lift, height, tilt, knives, reel, and draper. Setting a new standard in draper header technology, the D1XL takes harvesting performance to the next level.

*\* Products and options may not be available in all regions. Contact your dealer for more information.*





### **A THE PERFECT WINDROW**

MacDon's patented Swath Compressor creates a smooth, even slope that gently compresses and forms loose bushy swaths into perfect windrows every time. Compressor adjustment happens from the cab and is displayed on-screen. This control can also be programmed into the Windrower's One-Touch-Return functions. Best of all, when you switch the Dual Direction to road mode, the MacDon Swath Compressor lifts up under the frame for quick unobstructed transport.

### **C REFINED HYDRAULICS**

Designed for convenience and ease-of-use, all hydraulic connections happen on the left side of the machine through two multi couplers. Our Hydraulic Hose Management System mounts and stores hoses on the header and the 90° swing of the mechanical arm allows quick hooking and unhooking with minimal effort. There are 3 dedicated hydraulic circuits running; one each for knives, reel, and draper. This independent control provides more power to the header for getting through the toughest harvesting situations.

### **B PRECISION PERFORMANCE CONTROL**

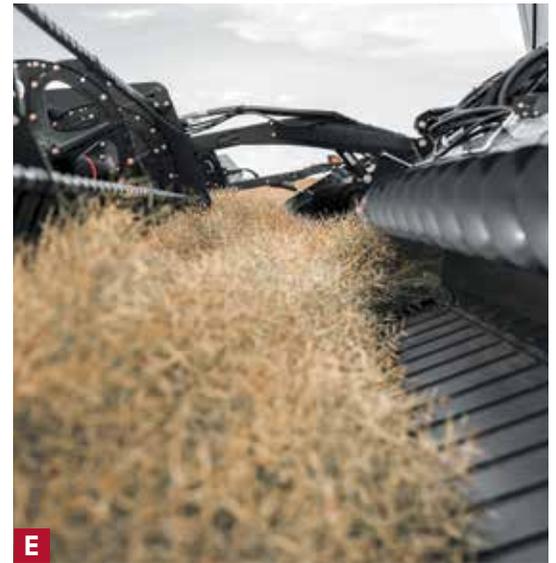
The new two-stage header lift allow for faster and more precise positioning of the header. In addition users can easily program up to three One-Touch-Return buttons for fast in-field control of the header's height, tilt, reel, and draper operation. Customizing and tracking your harvest happens on the easy-to-read and navigate interface of the all-new Harvest Performance 17.8 cm (7") display.

### **D FASTER IN & BETWEEN FIELDS\***

Thanks to MacDon's patented Dual Direction® steering, you can switch from field to road mode in seconds and travel at speeds of up to 45 km/h (28 mph). Single side hydraulic hookup and multi-couplers simplify connecting and disconnecting headers, saving time and labor when moving from field to field. D1XL Series Draper Headers can be easily transported at 32 km/h (20 mph) with MacDon Windrowers using the Slow Speed Transport system. Altogether you'll be spending less time in transport and more time cutting.



**D**



**E**



**F**

**E SERIOUS CAPACITY**

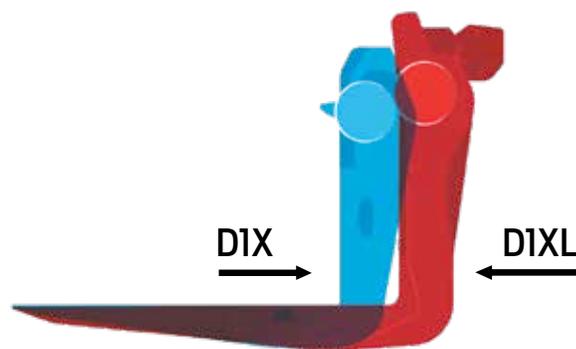
DIXL Drapers feature an ultra-deep deck with 127 cm (50") drapers, in header sizes from 9.1 m (30') to 13.7m (45') wide. These huge drapers are designed to perform with ease in big, bushy, high-volume crops, with up to 30% increased capacity over the DIX Draper.

**F MASSIVE CROP CLEARANCE ABILITY**

Featuring the industry's best crop clearance with 115 cm (45") of height and 386 cm (152") of width, big, bushy swaths flow effortlessly under the M1. Header lift height is improved too, with 7.6 cm (3") more height than our previous model.

**SIZED RIGHT TO FIT YOUR NEEDS**

The DIXL is available in header sizes from 30 to 45 feet. For operations not needing the added volume of the DIXL, a regular size deck is available with the DIX model. The DIX is available in header sizes from 15 to 25 feet and delivers the same great MacDon performance in a size that will satisfy your harvesting needs.



*\*Always follow local traffic laws and regulations.*

# R2 SERIES Rotary Disc Headers

## HIT IT WITH THE HAYMAKER!

Heavy or Light, Tall or Short, Lodged or Standing crops. The all-new MacDon R2 Rotary Disc Header and M1240 Windrower deliver a knock-out performance in a wide variety of crops and conditions. Featuring MacDon EvenFlow™ Technology, the R2 delivers the best possible cut, conditioning, and windrow formation, allowing for quick dry down and increased productivity.

*\* Products and options may not be available in all regions. Contact your dealer for more information.*

| WINDROWER TO HEADER COMPATIBILITY |      |       |     |     |      |               |             |     |
|-----------------------------------|------|-------|-----|-----|------|---------------|-------------|-----|
|                                   | A40D | A40DX | D65 | D1X | D1XL | R85           | R1          | R2  |
| M1170                             |      | ✓     |     | ✓   | ✓    |               | ✓*          |     |
| M1240                             |      | ✓     |     | ✓   | ✓    | ✓ 4.9 m (16') | ✓ 4 m (13') | ✓   |
| M155/M155E4                       | ✓    |       | ✓   |     |      | ✓             | ✓*          |     |
| M205                              | ✓    |       | ✓   |     |      | ✓ 4.9 m (16') |             | ✓** |

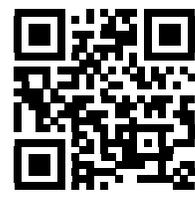
\* Double Windrow Attachment Not Available.

\*\* R2 Grass Seed Special Header is not compatible with the M205

M1240 with R216 will run at 260 HP at 2200 RPM and 270 HP at 2000 RPM



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**MacDon Website**

# THE *EvenFlow*™ ADVANTAGE



## **A** A CLEAN SHAVE

Low-profile forward mounted cutting discs provide a nearly flat header angle, resulting in a close, clean, smooth cut at speeds of up to 26 km/h (16 mph). The 18° reversible blades provide more lifting action in lodged crop.

## **C** EVEN WINDROWS

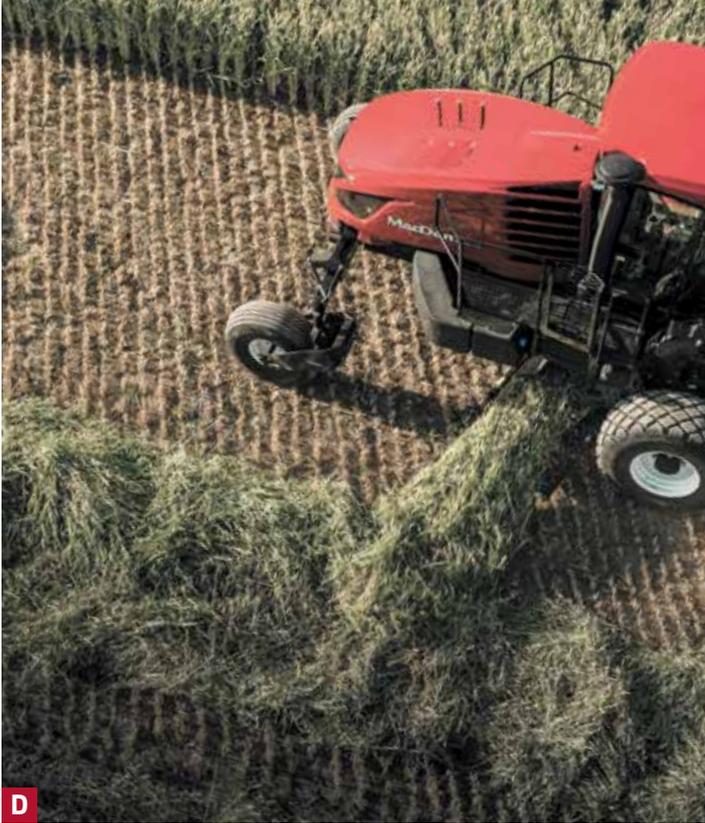
Uniform windrow formation has never been easier. M1 Series Windrowers feature in-cab controls allowing the operator to adjust the R2's baffle, controlling windrow formation on-the-go. Altogether, EvenFlow Technology delivers the best possible cut, conditioning, and windrow formation, allowing for quick dry down and increased productivity.

## **B** SERIOUS CONDITIONING

The R2 features the industry's widest conditioning rolls at 328 cm (129 inches). This massive conditioning surface area creates well-conditioned windrows even in the heaviest crop conditions.

Choose from two conditioning options:

Steel Inter-Meshing Rolls, ideal for high volume crops that require aggressive feeding; or Polyurethane Rolls that deliver a crimp/crush action to gently condition leaves and delicate stemmed crops.



**D**



**E**



**F**



**G**

**3  
YEAR  
CUTTERBAR  
WARRANTY**

**D DOUBLE WINDROW ATTACHMENT**

MacDon's optional Double Windrow Attachment saves time and money. The DWA combines two or three passes into a single windrow, ideal for keeping today's large forage harvesters working at capacity.

*\* Double Windrow Attachment is not compatible with all units.*

**F CLEAN CUT & 3 YEAR WARRANTY**

One touch controls allow for faster and more precise positioning of the header. Operators can easily program One-Touch-Return buttons for fast in-field control of the header's height, tilt, and disc speed.

**E EASY MAINTENANCE**

Serviceability with the R2 is a breeze with easy access to the belts and quick coupling drivelines to the conditioners.

**G CUTTERBAR PROTECTION**

Each of the R2's discs feature shear pin protection. These pins are designed to shear if the disc comes into contact with a large rock in the field. Once sheared the disc moves up out of the path of the obstruction preventing any damage to the rest of the cutterbar. The shear pins can be quickly replaced in-field, with minimal downtime. MacDon's 3-year cutterbar warranty ensures worry-free harvesting performance.

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**WINDROWER TO HEADER COMPATIBILITY**

|             | A40D | A40DX | D65 | D1X | D1XL | R85           | R1          | R2  |
|-------------|------|-------|-----|-----|------|---------------|-------------|-----|
| M1170       |      | ✓     |     | ✓   | ✓    |               | ✓*          |     |
| M1240       |      | ✓     |     | ✓   | ✓    | ✓ 4.9 m (16') | ✓ 4 m (13') | ✓   |
| M155/M155E4 | ✓    |       | ✓   |     |      | ✓             | ✓*          |     |
| M205        | ✓    |       | ✓   |     |      | ✓ 4.9 m (16') |             | ✓** |

\* Double Windrow Attachment Not Available.

\*\* R2 Grass Seed Special Header is not compatible with the M205



# R1 SERIES Rotary Disc Headers

## THE HAYMAKER!

Speed, precision, performance; that's exactly what you get with the MacDon M1170 Windrower and R1 Series Disc Header. Our patented CrossFlex™ suspension and low-profile, forward-mounted cutting discs help deliver a smooth, clean cut at in-field speeds of up to 29 km/h (18 mph). The two-stage controls allow for faster and more precise positioning of the header lift, and customizable One-Touch-Return buttons can be programmed to control the header's height, tilt, and cutting speed. With all this and more, it's easy to see why the M1 Series Windrower and R1 Series Disc Header are a knockout combo.

*\*Products and options may not be available in all regions. Contact your dealer for more information.*



**A CLEAN CUT & 3 YEAR WARRANTY**

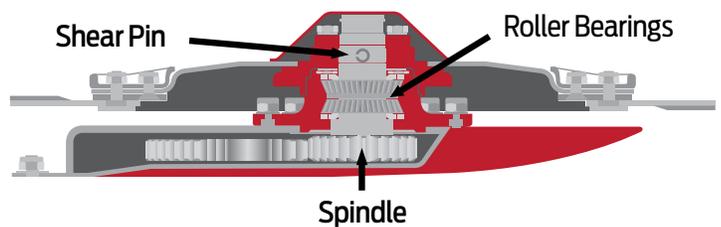
Our low-profile, forward-mounted cutting discs provide a flat header angle, resulting in a cleaner, smoother cut. Our cutterbar design is backed by MacDon's 3 year cutterbar warranty. That's our way of ensuring worry-free harvesting performance.

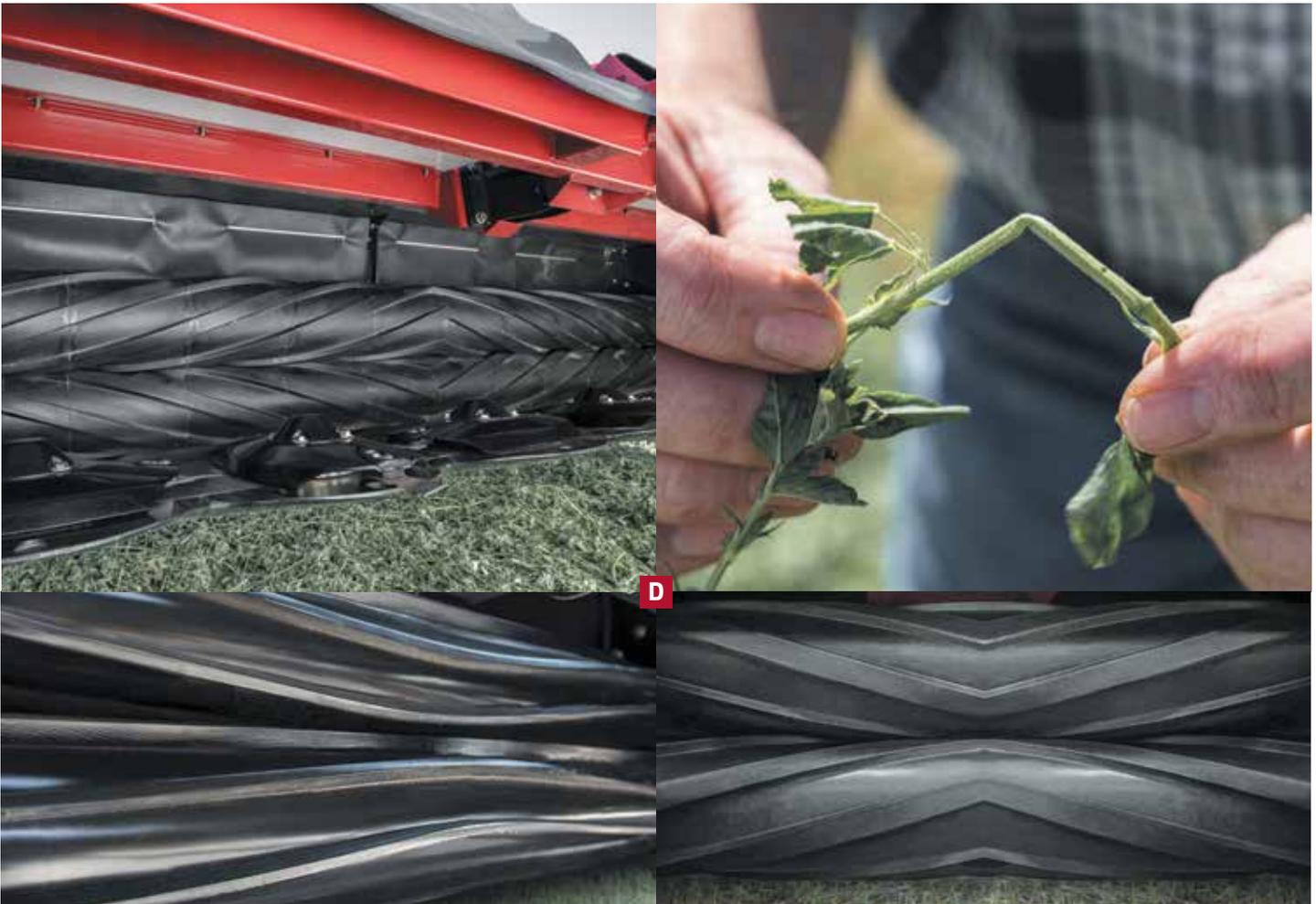
**B FRONT ROW SEAT TO PRODUCTIVITY**

The R1 features an amazing in-cab view of the crop flow coming out of the back of the header. Being able to see the crop lets operators monitor the quality of the windrow that's being laid down on-the-go. The header forward position also allows easy access to the adjustable windrow forming shields.

**C OVERLOAD PROTECTION**

Each of the disc spindles 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, letting operators get back to cutting quickly.





## **D** SERIOUS CONDITIONING

Featuring the industry's widest conditioning roll at 328 cm (129"), and 3 interchangeable conditioning options. You can choose: Steel Inter-Meshing, Polyurethane Inter-Meshing, or No Conditioner option. The R1 lays down well-conditioned wide to narrow windrows to suit a variety of conditioning needs. The wide rolls increase the amount of crop contact, improving crimping performance and ensuring thorough conditioning of the plant stem.



### **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 and is ideal for high-volume crops, which require aggressive feeding through the header. 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 328 cm wide (129") polyurethane rolls produce a windrow that promotes quick, even dry down of crops like alfalfa and alfalfa grass mixes. Polyurethane is also very effective on fine-stemmed plants with solid stems, like native hay, timothy, and Bermuda grass.

### **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.

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**WINDROWER TO HEADER COMPATIBILITY**

|             | A40D | A40DX | D65 | D1X | D1XL | R85           | R1          | R2  |
|-------------|------|-------|-----|-----|------|---------------|-------------|-----|
| M1170       |      | ✓     |     | ✓   | ✓    |               | ✓*          |     |
| M1240       |      | ✓     |     | ✓   | ✓    | ✓ 4.9 m (16') | ✓ 4 m (13') | ✓   |
| M155/M155E4 | ✓    |       | ✓   |     |      | ✓             | ✓*          |     |
| M205        | ✓    |       | ✓   |     |      | ✓ 4.9 m (16') |             | ✓** |

\* Double Windrow Attachment Not Available.

\*\* R2 Grass Seed Special Header is not compatible with the M205



# A SERIES Auger Headers

## TRIED, TESTED, AND TRUE PERFORMANCE

A clean cut, smooth flow, and excellent conditioning, that's what you get from MacDon A Series Auger Headers. Like all MacDon harvesting machines, the A Series is designed to perform in the toughest conditions while providing exceptional durability. From the heavy-duty cutterbar, to the cast housing of the dual Wobble Boxes and rugged internal components of the knife drive system, the A Series is a commercial quality machine that high-acreage producers rely on to deliver proven harvesting performance and reliability.

*\* Products and options may not be available in all regions. Contact your dealer for more information.*





### **BUILT TOUGH TO DELIVER A CLEAN CUT**

We've made the cutterbar exceptionally strong, with its Z-shaped profile and rectangular reinforcements. With a cast housing for the dual Wobble Boxes and rugged internal components of the knife drive system, the A Series delivers a consistent clean cut in a wide range of crop conditions.



### **SMOOTH CROP FLOW**

On-the-go adjustment for the hydraulic drive reel, sickle, auger, and conditioner allows the operator to be in full control of all aspects of hay and forage harvesting from the operator's seat. Crop flow happens smoothly, even under adverse conditions, thanks to the combination of MacDon's poly feed pan design, progressive feed paddles, and stripper bar arrangement.



### **A DOUBLE WINDROW ATTACHMENT**

MacDon's Double Windrow Attachment (DWA) allows you to place up to 16.5 m (54') of crop into a single windrow by combining three 5.5 m (18') conditioned windrows. Ideal for today's large forage harvesters. Adding this option can translate into significant time and fuel savings in the field.

*\* Double Windrow Attachment is not compatible with all units.*

### **B SERIOUS CONDITIONING**

A Series Auger Headers are equipped with wide conditioner rolls for increased crop contact, improving crimping performance and ensuring thorough conditioning of the plant stem. The steel-on-steel n-bar intermeshing roll design helps retain leaves, which is important for high protein values and making high-quality feed.

### **C PRECISION CONTROLS EQUAL PERFORMANCE CONTROL**

The new two stage controls allow for faster and more precise positioning of the header lift. Users can easily program up to three One-Touch-Return buttons for fast in-field control of the header's height, tilt, knife speed, and reel/auger speed.

**SCAN HERE**



**MacDon Website**



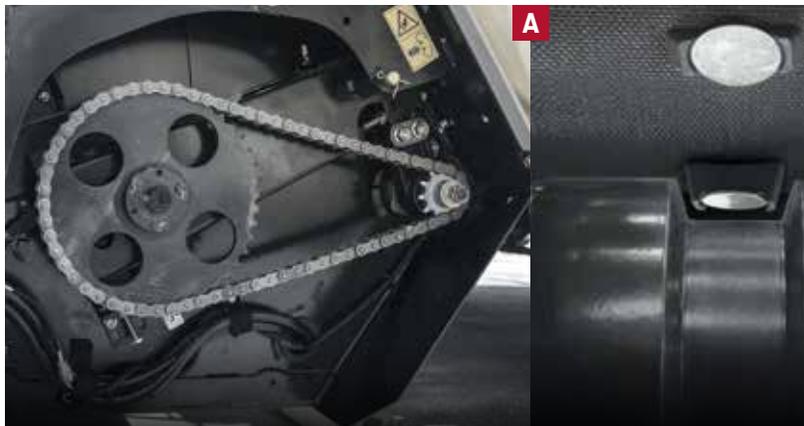


# **PW8** Pick-Up Headers

## **SET IT AND FORGET IT.**

Our engineers worked hard to make the PW8 as user friendly as possible. From easy installation to time saving innovations, it all adds up to harvesting performance you can count on. MacDon PW8 Pick-Up Headers are the smartest choice on the market.

*\* Products and options may not be available in all regions. Contact your dealer for more information.*



### **A SERIOUS PICK-UP CAPACITY IN ANY CROP CONDITION**

A strengthened auger tube and robust chain drive allow the PW8 to easily handle high capacity loads. Both drive decks are run independently by hydraulic motors. The drapers are kept on track by MacDon's patented V-guide roller groove tracking system. Together, these systems allow the PW8 to process the heaviest swaths with ease.

### **ON-THE-GO CONTROL**

The PW8 works with the combine's Automatic Header Height and Lateral Tilt System.

### **B SIMPLE ADJUSTMENTS**

A simple draper tensioning system, easy to see draper tension indicators, and common all metric hardware allow adjustments to be made in a flash.

### **DROP-AND-GO FLOAT PERFORMANCE**

Our simple and effective spring-over-shock floatation system provides a ground following 45.7 cm (18") of wheel float, and requires no adjustment during operation or lockout during transport. Float indicator numbers are clearly visible on both sides of the machine, letting you know the PW8 is operating at an optimal float position.

### **BRAND COMPATIBILITY**

Switch combine brands with MacDon PW8 completion packages. These packages make it easy to switch between combine brands which increases resale value down the road.

### **C GREAT SEED RETENTION**

Tight draper connectors and seals, along with a deep overlap of front and rear draper decks ensure that more seed is making its way into the combine for better yields.

### **EASY MAINTENANCE**

Five 100 hour grease points make for quick and easy maintenance of this machine.



### **ANY COMBINE**

The PW8 can be mounted to many major brand combines with an easy-to-install conversion package. This multi-brand compatibility and interchangeability mean your investment will hold its value.



# SPECIFICATIONS

## WINDROWER TO HEADER COMPATIBILITY

|             | A40D | A40DX | D65 | D1X | D1XL | R85           | R1          | R2  |
|-------------|------|-------|-----|-----|------|---------------|-------------|-----|
| M1170       |      | ✓     |     | ✓   | ✓    |               | ✓*          |     |
| M1240       |      | ✓     |     | ✓   | ✓    | ✓ 4.9 m (16') | ✓ 4 m (13') | ✓   |
| M155/M155E4 | ✓    |       | ✓   |     |      | ✓             | ✓*          |     |
| M205        | ✓    |       | ✓   |     |      | ✓ 4.9 m (16') |             | ✓** |

\* Double Windrow Attachment Not Available.

\*\* R2 Grass Seed Special Header is not compatible with the M205

## MI SERIES WINDROWER SPECIFICATIONS

|                                    | M1240  | M1170   |
|------------------------------------|--|---|
| Engine                             | Cummins QSB-6.7L 6 Cylinder Tier 4 Final Turbo Diesel (B20 bio diesel approved)  | Cummins QSB-4.5L 4 Cylinder Tier 4 Final Turbo Diesel (B20 bio-diesel approved) |
| Horsepower                         | Rated 185 kW (248 HP) @ 2200 rpm. Peak 195 kW (262 HP) @ 2000 rpm  | Rated 129 kW (173 HP) @ 2400 rpm  |
| Weight*                            | 6078 kg (13400 lbs)  | 5942 kg (13100 lbs)   |
| Batteries / Alternator             | 2, 12-volt / 200 A   |   |
| Fuel Tank / DEF Tank               | 530 L (140 gal) / 28 L (7.5 gal)   |   |
| Front Tread Width                  | 3449 mm (135.8 in)   |   |
| Rear Tread Width                   | 2448 - 3856 mm (96.4 - 151.8 in.)  |   |
| Wheel Base                         | 4290 mm (168.9 in)   |   |
| Crop Clearance                     | 1150 mm (45.28 in)   |   |
| Drive Wheels                       | 600-65R28 bar or 580-70R26 turf, radial  |   |
| Tail Wheels                        | 16.5L - 16.1 with independent suspension   |   |
| Transmission                       | Infinitely Variable  |   |
| Field Speed                        | Up to 29 km/h (18 mph)   |   |
| Road Speed                         | Up to 45 km/h (28 mph)   |   |
| Final Drive                        | Planetary gearbox, * Products and options may not be available in all regions.   |   |
| Cab Equipment                      | Dual Direction® operator station, Ultra Glide® cab suspension  |   |
| Operator Station                   | <b>Standard Cab:</b> Bluetooth® equipped radio, windshield shades (front and rear), fold away trainer seat, windshield wiper with washer fluid, auto climate control, warning beacons, tilt and telescoping steering column, 4 halogen road lights, 8 halogen work lights<br><b>Deluxe Cab option adds:</b> Heated and vented leather seat, high-back multi-adjustable air ride seat, leather fold away training seat, power mirrors, 360° Night Vision from 8 high power LED work lights, *All M1170NTs will have a deluxe cab. |   |
| Harvest Performance Tracker        | 17.8 cm (7") color LCD display, featuring an all-new One-Touch-Return header preset system.  |   |
| Instrumentation and Monitor System | <b>Monitoring functions:</b><br>(1) Speed: ground, knife, reel, conveyor, cooling fan (2) Pressure: knife, reel, conveyor<br>(3) Header Position: height, tilt, float, reel height, reel fore/aft (4) Engine: speed, fuel consumption, load  |   |
| Options                            | Centrelink Alignment Kit, Rear Ballast Weights, Weightbox and Harness for Header Transport, Float Booster Springs, Double Windrow Attachment   |   |

\*Weight with 600-65R28 bar tires and 16.5L-16.1 suspended tail wheels.

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### DIX & DIXL SERIES DRAPER HEADER SPECIFICATIONS

|                                      | DIX  |                    |                    | DIXL               |                     |                     |                     |
|--------------------------------------|--|--------------------|--------------------|--------------------|---------------------|---------------------|---------------------|
| Size                                 | D115X 4.6 m (15')  | D120X 6.1 m (20')  | D125X 7.6 m (25')  | D130XL 9.1 m (30') | D135XL 10.6 m (35') | D140XL 12.2 m (40') | D145XL 13.7 m (45') |
| Weight**                             | 1258 kg (2780 lbs)   | 1484 kg (3265 lbs) | 1847 kg (4072 lbs) | 2318 kg (5110 lbs) | 2562 kg (5649 lbs)  | 2823 kg (6224 lbs)  | 2996 kg (6605 lbs)  |
| Knife: Type / Drive / Speed          | Double knife / Hydraulic, MacDon design enclosed oil bath Wobble Boxes / 1,500 to 1,900 spm (speed varies depending on header size, faster knife speed on smaller headers or double knife headers)   |                    |                    |                    |                     |                     |                     |
| Guard Types Available                | Standard: Pointed DHT (double heat-treated) with 4 stub SM (sheet metal hold-down, forged bottom guard) at each end<br>Optional: (Dealer Installed): pointed CH (case-hardened), stub SM (sheet metal hold-down, forged bottom guard), stub F (forged top and bottom)  |                    |                    |                    |                     |                     |                     |
| Reel: Type / Drive / Speed / Fingers | 5 or 6 bat pickup reel, flip-over design, cam-leading finger control, single reel 7.6 m - 10.6 m (25' - 35'), double reel 10.6 m - 13.7 m (35' - 45') / Hydraulic / 0 to 85 rpm / HD plastic fingers, 152 mm (6") spacing, 279 mm (11") length   |                    |                    |                    |                     |                     |                     |
| Conveyor: Type                       | DIX: 4.6 m - 7.6 m (15' - 25'): 1057 mm (41.6") wide 680.4 g (24 oz) rubber skim-coated drapers, reversible double V-guide with tracking, integral seal on leading edge<br>DIXL: 9.1 m - 13.7 m (30' - 45'): 1260 mm (49.6") wide 680.4 g (24 oz) rubber skim-coated drapers, reversible double V-guide with tracking, integral seal on leading edge |                    |                    |                    |                     |                     |                     |
| Conveyor: Drive / Speed / Delivery   | Hydraulic / 0 to 742 ft/min / Hydraulic deck shift 7.6m -10.6 m (25' - 35') Center Delivery 12.2 m - 13.7 m (40' - 45') opening width 1,539 mm (60.6") to 1,948 mm (76.7")   |                    |                    |                    |                     |                     |                     |
| Options                              | Upper cross auger, stabilizer wheels, slow-speed transport with stabilizer wheels and other specialty option kits  |                    |                    |                    |                     |                     |                     |
|                                      | <i>**All listed weights are approximations and will vary depending on header configuration</i>   |                    |                    |                    |                     |                     |                     |

### R1 SERIES ROTARY DISC HEADER SPECIFICATIONS

|  |   |
|--|---|
| Size                                   | 4 m (13')   |
| Weight (No Conditioner)                | 1364 kg (3007 lbs)  |
| Number of Cutting Discs / Blades       | 8 / 2   |
| Drive (Maximum Hydraulic Power)        | 94 kW (127 HP)  |
| Cutting Speed / Knife Tip Speed        | 1800 to 2600 rpm / 211 km/h - 290 km/h (131 mph to 180 mph)                             |
| Cutting Angle Range                    | 0-8° below horizontal   |
| Gear Train Protection (Cutter Bar)     | Shear pin in each spindle   |
| Hay Conditioner Options: Type / Length | Inter-meshing steel / 328 cm (129"), polyurethane rolls / 328 cm (129"), no conditioner |
| Options                                | Tall crop dividers  |

## R2 SERIES ROTARY DISC HEADER SPECIFICATIONS

|  |  |
|--|--|
| Size                                   | 4.94 m (16' 2")  |
| Weight (With Steel Conditioner)        | 2154 kg (4740 lbs)   |
| Number of Cutting Discs / Blades       | 10 / 2   |
| Drive (Maximum Hydraulic Power)        | 174 kW (231 HP)  |
| Cutting Speed / Knife Tip Speed        | 1800 to 2650 rpm / 301 km/h (187 mph)  |
| Cutting Angle Range                    | 0-8° below horizontal  |
| Gear Train Protection (Cutter Bar)     | Shear pin in each spindle  |
| Hay Conditioner Options: Type / Length | Inter-meshing steel / 328 cm (129") · Polyurethane rolls / 328 cm (129")   |
| Options                                | Tall crop dividers · In-cab baffle control · adjustable skid shoes · gauge rollers · double windrow attachment · hydraulic couplers for quick attachment |

## A SERIES AUGER HEADER SPECIFICATIONS

|  |  |                    |
|--|--|--------------------|
| Size   | 4.9 m (16')  | 5.5 m (18')        |
| Weight   | 2295 kg (5058 lbs)   | 2381 kg (5248 lbs) |
| Sickle: Type / Drive / Speed / Stroke / Guards / Sickle Sections             | Double knife / Hydraulic, dual MacDon Wobble Boxes / Variable 1450 to 1900 SPM / 76 mm (3") / Pointed DHT (double heat-treated) / 76 mm (3") over-serrated, bolt-on  |                    |
| Reel: Type / Drive / Speed (optional sprockets) / Fingers*                   | 6 bat, oval closed bats with end caps, sectioned bar with greaseable ball bearings / Hydraulic, motor to enclosed gearbox / Variable from cab 51 to 85 rpm / Steel   |                    |
| Conveyor (Auger): Type / Drive / Speed (optional sprockets) / Delivery Width | 508 mm (20") undershot, center-feed auger over replaceable, high-density polyethylene auger pans, rubber feed fingers / Hydraulic, direct-mounted motor / Variable from cab 230 to 320 rpm / 2430 mm (95.7") |                    |
| Conditioner: Type / Roll Length / Outside Dimension / Drive / Speed          | Non-contact, steel N-bar, intermeshing crimping rolls, header-mounted rolls and forming shields / 2590 mm (102") / 233 mm (9.17") / Hydraulic motor to enclosed gearbox / Variable 601 to 790 rpm            |                    |

\*Max speeds will be dependent upon Windrower model

## PW8 PICK-UP HEADER SPECIFICATIONS

|                         |  |
|-------------------------|--|
| Weight                  | 1452 kg (3200 lbs)   |
| Overall Width           | 5.66 m (18' 6")  |
| Effective Picking Width | 4.52 m (14' 8") between divider lugs   |
| Overall Depth           | 246 cm (96.9")   |
| Auger Diameter          | 61 cm (24")  |
| Auger Fingers           | Factory set for 18, qty to match specific combine feeder house   |
| Auger Speed             | 0-200 rpm (Depending on combine model)   |
| Auger Drive Chain       | Endless # 80 chain   |
| Drive Shaft             | Heavy duty, 1.375" diameter, fully shielded with built-in clutch   |
| Draper Belts            | Each deck consists of (4) 1125 mm (44.3") wide drapers joined and equipped with patented tracking V-guide on right end   |
| Draper Speed            | 0 – 163m/min (535ft/min), depending on combine model   |
| Draper Fingers          | 5" Plastic   |
| Draper Rollers          | Large 127 mm (5") drive and 102 mm (4") idler roller (same on both decks) with V-Groove on the right-hand side to ensure proper draper tracking and reduced slippage |
| Draper Drive            | Two, 5.9 CID (97 cc) hydraulic motors  |
| Gauge Wheels            | 18.5/8.50-8, adjustable height   |
| Header Float            | Spring-Over-Shock System requires no adjustment or lock-out for transport and provides 18 inches of wheel float  |



**MacDon**® *The Harvesting Specialists.*



## Keep your MacDon at peak performance with MacDon Performance Parts.

### *Parts Showcase:*

MacDon Performance Parts are designed to meet MacDon's demanding performance standards. They have been tested in the toughest real-world conditions, ensuring the worry-free harvest you've come to rely on with MacDon. They offer the added benefit of convenience and are engineered to be of the highest quality. Our genuine parts have been created with our customers in mind.

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### *Be Prepared for Performance!*

*MacDon Performance Parts Kits are designed for convenience. Choose from a variety of kits packed with common high wear items for your MacDon Drapers and Windrowers. Keep them on hand and ensure a smooth running harvest, every time.*

### **Annual Filter Kit**

MacDon has your filter requirements covered with this convenience kit containing all of the filters you need for your first round of Windrower maintenance. Kits include air, hydraulic, fuel, and oil filters. Have these filters by your side and ready to go when it's time to do maintenance on your Windrower. Available for M105, M155, M155E4, M205, M1170, M1240, & M1170NT model windrowers.



### **Draper Header Kit**

Order one convenient parts kit containing high wear draper header replacement parts that are required by your MacDon header. Sickles sections, guards, wearplates, fingers and hardware are all included in this user-friendly kit. Draper header kits are available for MacDon FD1/D1/FD75 and D1XL/DIX/D65 machines.



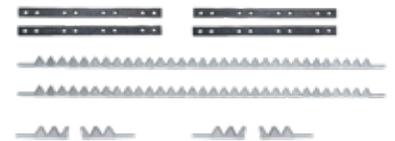
### **Crop Lifter**

Designed by MacDon, for your MacDon, genuine Crop Lifters lift lodged crop off the ground when crop has been flattened. MacDon crop lifters offer a custom fit specifically designed for MacDon headers, offering optimal performance through all header tilt angles.



### **Draper Knife Kit**

MacDon Performance Parts Draper Knife Kits include all knife segments and splice kits required to replace the complete knife on a header. Single Knife available in sizes from 7.6 to 12.2 m (25 to 40 foot), and Double Knife available in sizes from 9.1 to 13.7 m (30 to 45 foot) configurations for a wide range of MacDon Draper models.



### **Guard Kit**

MacDon Performance Parts Guard Kits include all guards required to do a complete cutterbar replacement. Single Knife available in sizes from 9.1 to 12.2 m (30 to 40 foot), and Double Knife available in sizes from 9.1 to 13.7 m (30 to 45 foot) configurations for a wide range of MacDon Draper models.



### **Rotary Disc Service Kit**

Order Rotary Disc Service Kits from MacDon for one convenient package that contains all the high wear rotary disc replacement parts required for your machine. Available for R80, R85, R1, and R2 Rotary Disc Headers.

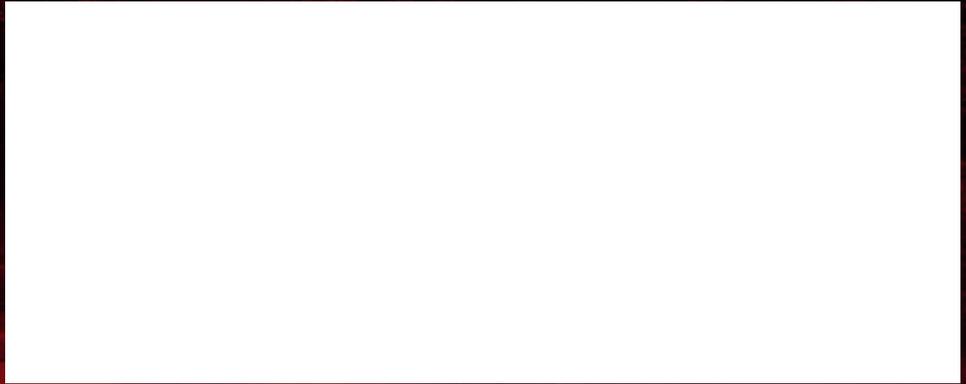


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