

# WINDROWING SOLUTIONS



**MacDon®**

*The Harvesting Specialists.*

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MACDON  
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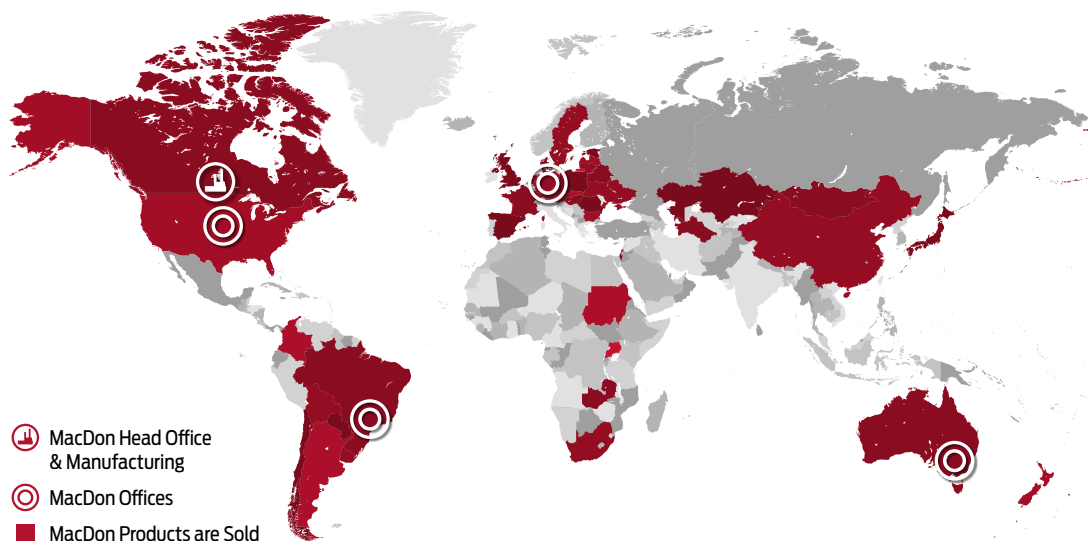




# HARVESTING PERFORMANCE

For over 75 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, 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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# 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 M2 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 75 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.

**M2 SERIES  
WEBSITE**



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## **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.



## **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.



## **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.





#### **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.

#### **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.

#### **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.

#### **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.

#### **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.

#### **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 D2 Series Draper Headers are interchangeable between windrower and combine applications.

#### **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.

# M2 SERIES Windrowers

## More Power. More Intuitive.

MacDon Windrowers have set a standard that's hard to beat for innovation, performance, and speed. The M2 Series Windrowers top this by adding more power and a refined, intuitive operator experience to your next harvest. It starts with two new Stage V Cummins turbo diesel engine options, delivering more power, improved efficiency, and easier maintenance. Next, MacDon's HarvestTouch™ Display provides simple control with an intuitive touchscreen interface to keep you productive all day. Plus, all the usual goodies that make MacDon Windrowers a cut above, like Dual Direction Steering, 360 Degree Night Vision, CrossFlex™ Suspension, and more. Get more all harvest long with MacDon M2 Windrowers.

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

*(Some of the images used may be of a different model with the same/similar feature.)*



M2 SERIES  
WEBSITE











**2000  
RPM**  
(280 HP)





## **A MASSIVE CROP CLEARANCE**

Featuring the industry's best crop clearance with 115 cm (45") of height and 341 cm (134") of width, big bushy swaths flow effortlessly under M2 Series Windrowers.\* Ample header lift height lets you get up and over the tallest bushiest windrows with ease.

*\*Measurements may vary depending on tires and tire setup.*

## **B INTUITIVE CONTROL**

M2 Windrowers provide precision control at your fingertips with the all-new HarvestTouch™ Display. HarvestTouch™ precisely tracks your harvesting performance and provides user-customization features through an intuitive touchscreen interface.

The M2's precision controls feature a two-stage control allowing faster and more precise header positioning. In addition, users can easily program up to three One-Touch-Return buttons for immediate control of the header's height, tilt, knife speed, reel, or draper operations.

Trimble-ready integration means your M2 Windrower connects seamlessly to Trimble's guidance system.



## **C POWERFUL PERFORMANCE**

The M2s have two new Stage V Cummins turbo diesel engine options that meet global emission levels while delivering more power, improved efficiency, and easier maintenance. Choose either an M2170 with a 4.5 liter 4 cylinder with a peak 173 HP (129kW) at 1900 rpm, or the mighty M2260 boasting a 6.7 liter 6 cylinder with a peak power delivery of 280hp (209kW) at 2000 rpm. The M2260 also gets an upgraded high-horsepower engine gearbox, this robust design reliably handles the heaviest high-capacity forage loads with ease. Clean, simple, efficient, and powerful, that's how you get more with MacDon M2 Series Windrowers.

## **LOW MAINTENANCE RELATIONSHIP**

Continuing MacDon's tradition of innovative solutions to make harvesting easy, the M2's design means you'll spend less time setting up and more time cutting.

- DEF and fuel fill at ground level
- 530 liter (140 gallon) fuel tank keeps you cutting all day
- Larger 55 liter (14.5 gallon) DEF tank (M2260)
- Check the engine oil without lifting the hood
- Hydraulic oil level sight glass
- Easy access to the radiator and cooler box
- Sliding platform allows easy access
- Multi-coupler hydraulic hook-ups
- Easy-access lockable toolbox conveniently tucked away in the M2's platform

The M2260's upgraded high-horsepower engine gearbox provides power and reliability from its robust design, and daily maintenance is easy too. The gearbox's dipstick lets you accurately check the oil level to ensure everything runs smoothly all day long.

## DWA

MacDon's optional Double Windrow Attachment (DWA)\* lets you achieve the ultimate windrow when paired with a rotary disc header. This option is ideal for keeping today's large forage harvesters working at capacity, allowing operators to combine up to three passes into a single windrow. That translates into significant time and fuel savings in the field. The DWA is just another innovative solution that lets you get more with MacDon.

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



## COOL OPERATOR

M2 Series Windrowers feature a dual radiator design. The cooling fan behind the cab pulls in clean air and kicks in to reverse independently to blow out debris from the radiator. This constant, fresh airflow keeps the engine and hydraulics running cool all day.











A

 **DUAL  
DIRECTION®**



C



B

**A FASTER IN & BETWEEN FIELDS**

MacDon's patented CrossFlex™ Suspension makes in-field speeds up to 29 km/h (18 mph) possible, but MacDon's innovation doesn't stop there. With our patented Dual Direction® steering, you can switch from field to road mode in seconds and travel at speeds up to 45 km/h (28 mph)\*.

Hooking up and transporting MacDon drapers is quick and easy with MacDon's Easy Move Transport System and allows towing speeds up to 32 km/h (20 mph)\*. Spending more time in the field instead of transport is just another way you get more with MacDon.

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

**B 360 DEGREE NIGHT VISION**

M2 Windrowers equipped with the deluxe cab option get you more with MacDon's 360 Degree Night Vision. Eight high-power LED work lights create a bright halo of light that lets you work safely long after the sun goes down.

**C MORE COMFORT EQUALS MORE PRODUCTIVITY**

M2 Series Windrowers' deluxe cab option takes comfort and performance to the next level, featuring heated and vented leather seating, power mirrors, and 360 Degree Night Vision from 8 high-power LED work lights. The bright halo of light from our Night Vision lets you transition smoothly from day to night.

**D SMOOTHER RIDE & CLEANER CUTS**

MacDon's patented CrossFlex™ Suspension makes in-field speeds up to 29 km/h (18 mph) possible, as this innovative design absorbs impact from rough terrain, allowing smooth harvesting no matter the field condition.

MacDon's Smooth innovations don't stop there. The Ultra Glide® cab has a four-corner independent gas shock suspension system featuring stabilization to prevent cab roll.

CrossFlex™ Suspension, Ultra Glide® cab, and an air ride seat in combination mean you'll enjoy a smooth, comfortable, and controlled harvesting experience with the M2, reducing fatigue to keep you cutting all day long.



**CrossFlex™**  
SUSPENSION



### HILL CLIMBER

Order an M2 with the HT (High Torque) spec for those working in extremely hilly fields. These High Torque wheel drive units have a higher final drive ratio for increased drive wheel torque, allowing harvesting performance on slopes greater than 18 degrees (32% grade).\*

*\*Factory order only. Note: The High Torque option decreases speed in non-extreme and flat ground conditions.*



### HEADER & ATTACHMENT OPTIONS

M2 Series Windrowers are compatible with several MacDon headers, including the A40DX, D1X, D1XL, D2, R1, R2 and all your favorite attachments like the DWA (Double Windrow Attachment), Swath Compressor, and HC20 (Hay Conditioner).







# D2 SERIES

## Windrower Draper Headers

### More Capacity, Durability, and Speed.

MacDon D2 Series Windrower Draper Headers feature super-sized capacity thanks to the ultra-deep 50-inch (127cm) deep draper deck. MacDon's all-new super-structured five-sided back tube frame design supports this tremendous capacity. And at the front, loading those massive drapers up is MacDon's ClearCut™ High-Speed Cutting System. **Capacity, durability, and speed; that's how MacDon D2 Series Headers get you more.**

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(Some of the images used may be of a different model with the same/similar feature.)*

D2 SERIES  
WEBSITE











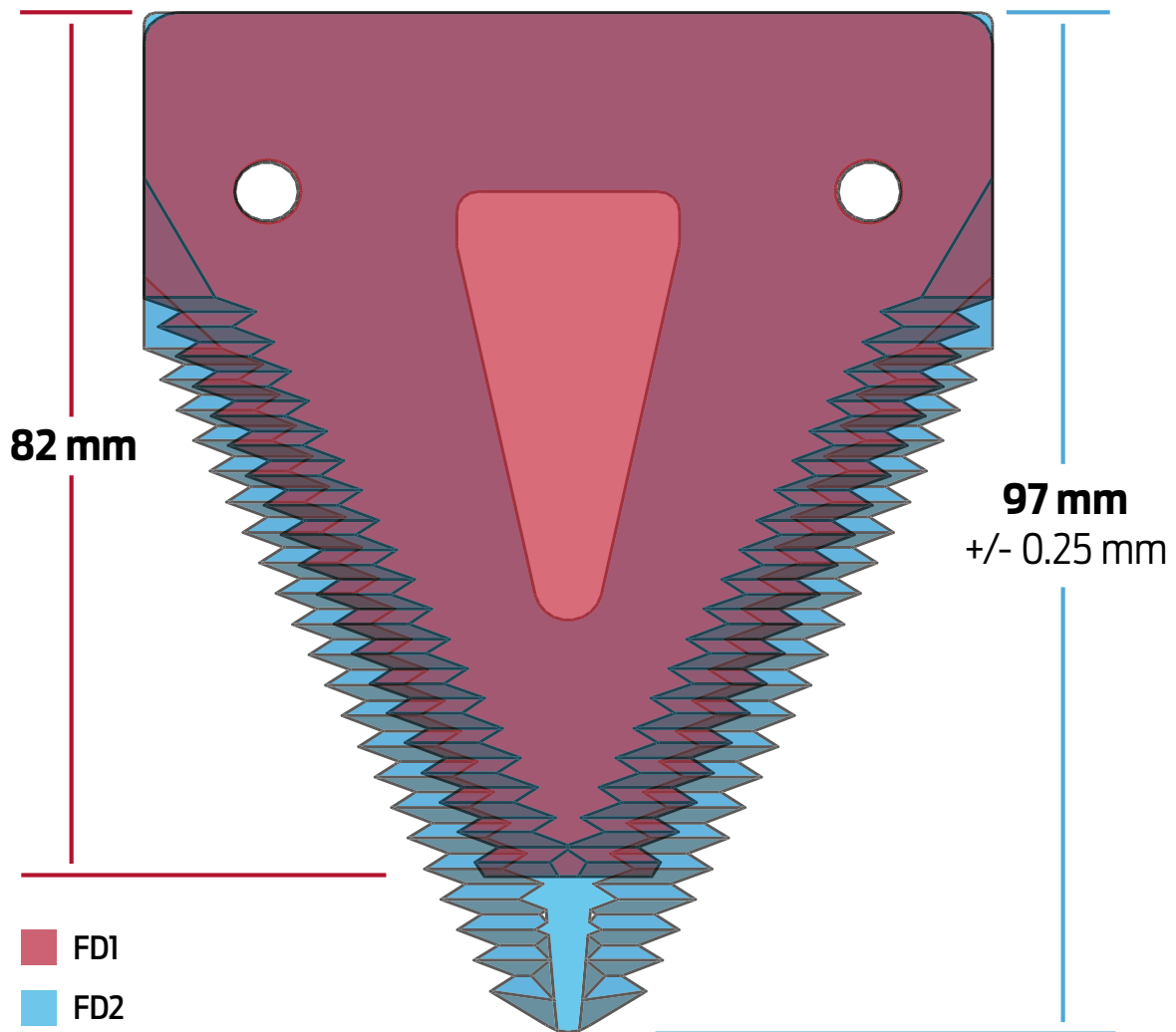
#### **CLEARCUT™ HIGH-SPEED CUTTING SYSTEM**

MacDon's ClearCut™ High-Speed Cutting System delivers clean cutting at up to 30% faster speeds\*. D2 Series Drapers deliver a smooth close shave with the help of our ClearCut™ PlugFree™ short guards. This guard design gets the knife as close to the ground as possible while protecting the blade from damaging debris in the field. In addition, ClearCut™ PlugFree Short Knife Guards resist plugging even in the nastiest conditions while providing the cleanest and closest shave of the ground.

*\*Compared to the previous model.*

**30%  
MORE  
SPEED**





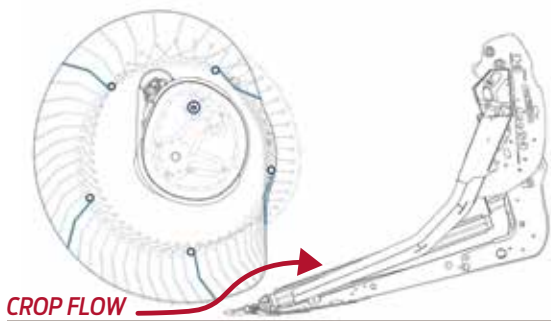
### CLEARCUT™ KNIFE SECTIONS

MacDon ClearCut™ knife sections feature over 25% more cutting surface thanks to a longer blade and improved geometry. So what does that mean for you? It means faster, cleaner cut quality at higher ground speeds.

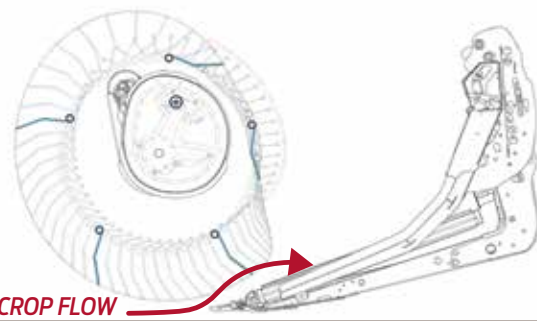
#### ***Stay Sharp!***

Another great advantage of this new cutting system is the redesigned hardware. Fitted bolts make in-field knife section replacement quick and easy.

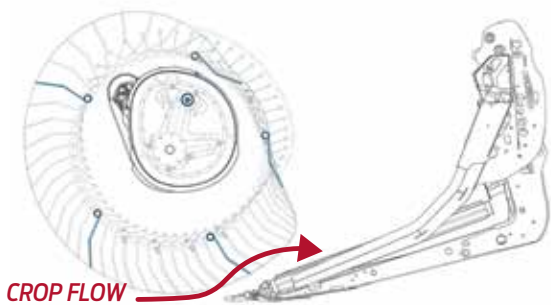
**OVER  
25%  
MORE  
CUTTING SURFACE**



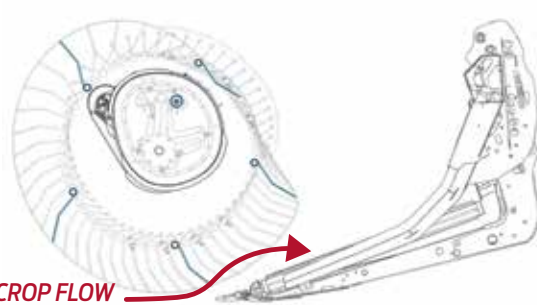
**CAM POSITION 1**



**CAM POSITION 2**



**CAM POSITION 3**



**CAM POSITION 4**

### **AMAZING REEL PERFORMANCE**

The unique movement of the D2 reel picks up and gently places crop onto the drapers. Our cam design allows the reel fingers to get down underneath lodged crop and pick it up before cutting. Aluminum reel ends and sectors help reduce overall weight and improve efficiency. The D2 header and reel are highly adjustable for optimal performance. Header reel functions controlled from the operator station (or "from within the cab") include reel raise and lower, reel fore and aft positioning and reel speed; setting you up for the most challenging real-world harvesting conditions.

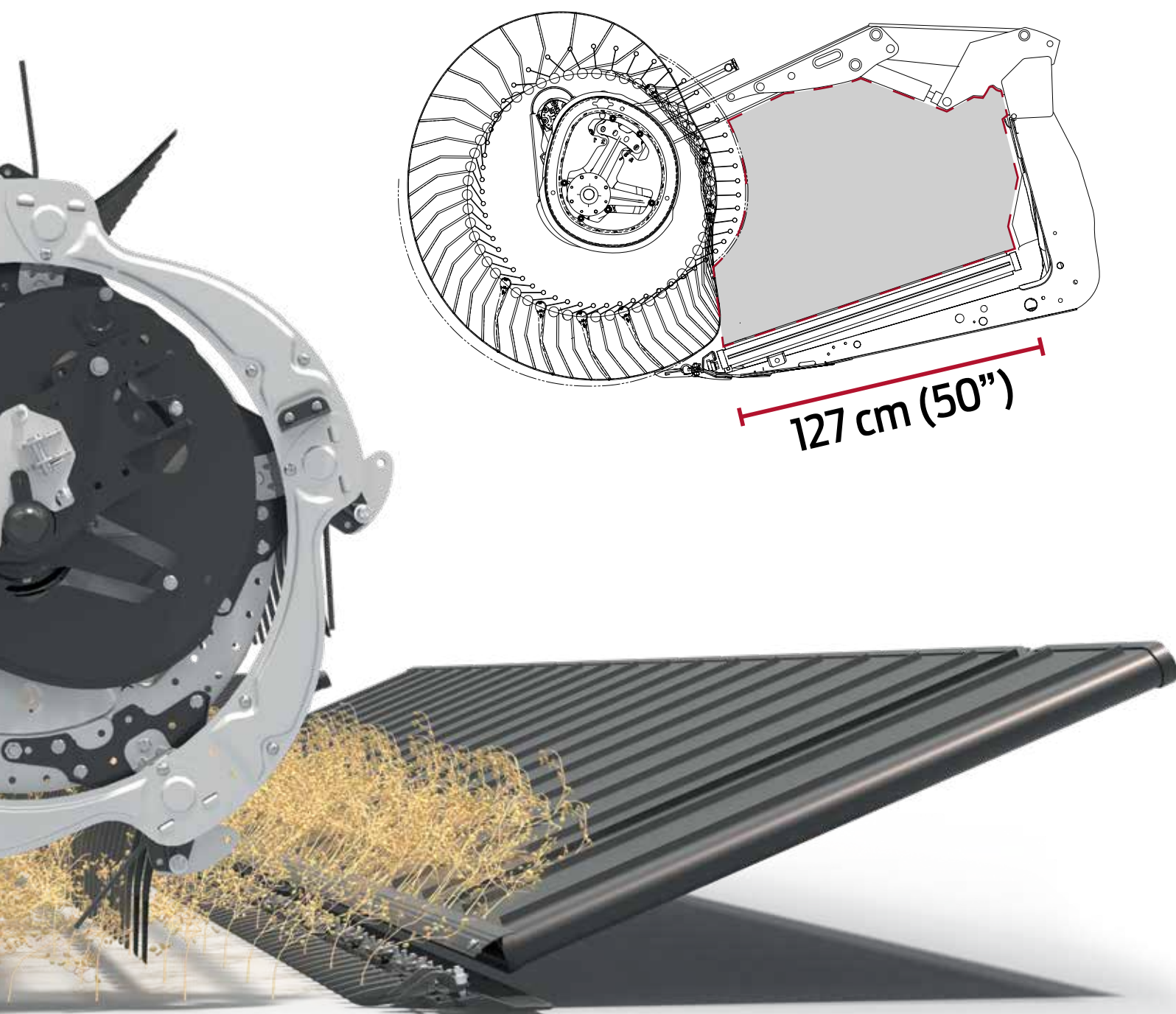




# 50" = 20% DEEPER DRAPER MORE CAPACITY

## SUPER-SIZED CAPACITY

MacDon D2 Series Drapers feature an ultra-deep deck featuring 50-inch (127 cm) deep drapers. These extra deep drapers boost performance in big, bushy, high-volume crops by up to 20%.

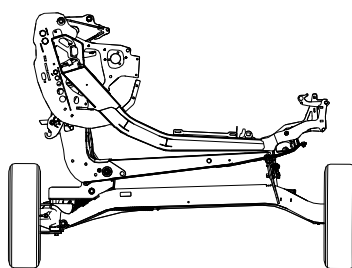


### **FULL-LENGTH UPPER CROSS AUGER**

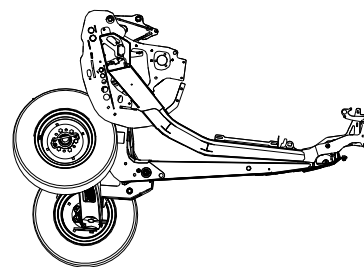
A performance option worth considering for anyone harvesting big bushy, high-volume crops is the Upper Cross Auger. The auger keeps bushy crops on the draper as they move to the center of the header, where twin pitch flighting actively and aggressively drives the crop down into a windrow. This option runs the entire header length and is available on all sizes of the D2.







ON ROAD



IN-FIELD

### EASYMOVE™ TRANSPORT\*

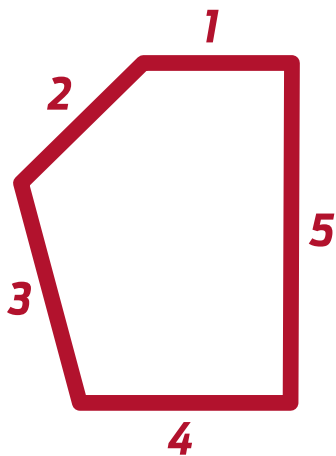
MacDon's EasyMove™ Transport System makes it faster than ever to move your D2 Series Windrower Draper Header from field to field. This Performance Option is self-contained on the header and allows transport up to 32 km/h (20 mph)\*\*.

*\*Some products and/or options may not be available in all markets. See your MacDon Dealer for availability*

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

## DURABILITY

The D2 boasts a new frame featuring a super-structured five-sided back tube. This solid backbone is ready to handle the increased capacity of the deeper draper deck and ensures MacDon's rock-solid reliability.



## A QUICK LATCH END DIVIDER SYSTEM

MacDon's Quick Latch End Divider System lets you hook and connect your divider in one move. When using VertiBlade™ Vertical Knives, the standard divider rods store neatly onboard.

## B CLEARCUT™ HIGH-SPEED KNIFE DRIVE

MacDon's direct knife drive satisfies your need for speed, providing more torque to power through the most challenging cutting conditions. In addition, the ETDK (Electronically Timed Double Knife) helps reduce header vibration, improving components' reliability and overall durability.







# 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 M2260 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.*

R2 SERIES  
WEBSITE











### **EVEN WINDROWS**

Uniform windrow formation has never been easier. M2 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.





## THE *EvenFlow*™ ADVANTAGE

### 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 29 km/h (18 mph). The 18° reversible blades provide more lifting action in lodged crop.



### Steel and Polyurethane



### 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.

## **A** 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.

## **B** PRECISION CONTROLS

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.

## **C** EASY MAINTENANCE

Serviceability with the R2 is a breeze with easy access to gearboxes and maintenance points.

## **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.*









# R1 SERIES

## Rotary Disc Pull-Types

### QUICK IN THE FIELD, QUICK ON THE ROAD.

Don't limit your harvesting possibilities, in just 30 seconds, our Road Friendly Transport™ option transforms both our 4 m (13') and 4.9 m (16') R1 Pull-Types to a narrow 2.75 m (9') wide transport. Featuring forward-mounted cutterbar design and the industry's widest rolls at 328 cm (129"), the R1 delivers well-formed, well-conditioned windrows.

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



PULL-TYPE  
WEBSITE











SWITCH FROM  
FIELD TO TRANSPORT  
**IN 30 SECONDS**

### **2.75 M (9') WIDE ROAD FRIENDLY TRANSPORT (OPTIONAL)**

Our Road-Friendly Transport™ option is available on both models and transforms the R1 into a road-friendly 2.75 m (9') wide transport. Switch from field to transport in 30 seconds, for quick and safe travel to, from, and between fields. Moving from a 3 m (10') to a 4.9 m (16') mower can increase productivity by 60%, making this option ideal for operations in which transport width restrictions are a limiting factor.



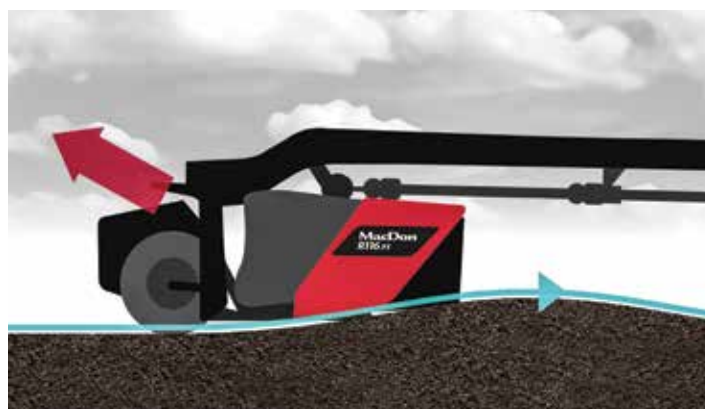


### UNIQUE RESPONSIVE FLOAT

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 HORSEPOWER REQUIREMENTS

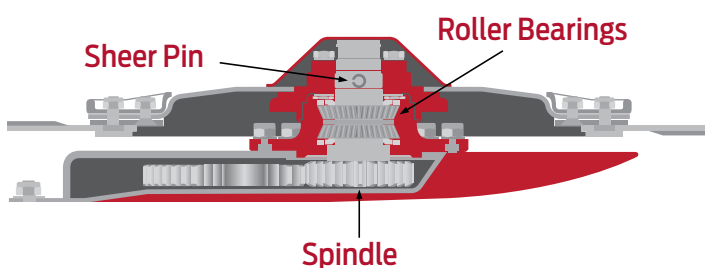
Requires only 100 horsepower for 4 m (13') and 125 horsepower for 4.9 m (16') model. Available with either 1000 RMP PTO 35 mm (1 3/8"), 21 spline or 45 mm (1 3/4"), 20 spline PTO drive shaft options. Less horsepower means lower fuel consumption.



**AE50 AWARD WINNER!** The R1 Series Pull-Type Disc Mowers received a 2016 AE50 Outstanding Innovation Award for the revolutionary Road-Friendly Transport™ package.







### OVERLOAD PROTECTION

Each of the discs on the R1 Series cutterbar features two shear pins. These pins are designed to shear if the disc comes into contact with any object that is large enough to stop its movement. The disc then moves up and out of the path of the obstruction, preventing any serious damage to the cutterbar. The shear pins can be replaced in-field, allowing operators to quickly get back to cutting.



### CLEAN CUT

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

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



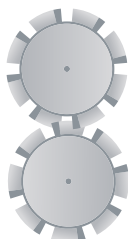
## SERIOUS CONDITIONING

Featuring the industry's widest conditioning roll at 328 cm (129"), 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.



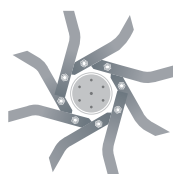
### Polyurethane Inter-Meshing Rolls:

Polyurethane delivers a combination crimp and crush action while being more gentle on plant leaves. The crushing action of the 328 cm (129") 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.

# 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 Knife Drive 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.*

A SERIES  
WEBSITE















### 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 Knife Drive 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, and auger 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.



# 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.*

PW8  
WEBSITE











### 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.

### 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

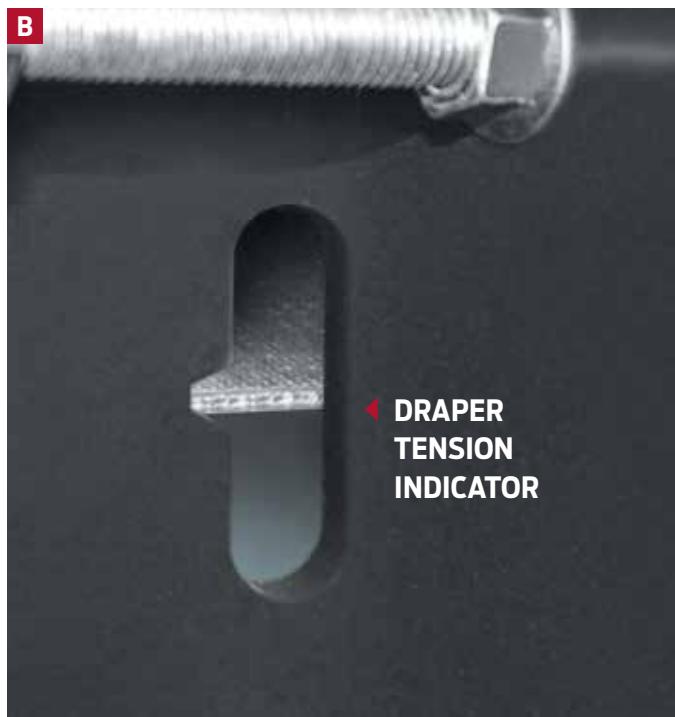
A simple draper tensioning system, easy to see draper tension indicators, and common all metric hardware allow adjustments to be made in a flash.

### 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.









# SPECIFICATIONS

## M2 SERIES WINDROWER SPECIFICATIONS

	M2170	M2260
Engine	Cummins QSB4.5L 4 Cylinder Stage V Turbo Diesel (B20 bio-diesel approved)	Cummins QSB-6.7L 6 Cylinder Stage V Turbo Diesel (B20 bio-diesel approved)
Horsepower	Rated 129 kW (173 hp) @ 2200 rpm	Rated 194 kW (260 HP) @ 2200 rpm Peak 209 kW (280 hp) @ 2000 rpm
Weight*	5942 kg (13100 lbs)	6078 kg (13400 lbs)
Batteries / Alternator	2, 12 volt (Group 29H or 31A), 200 amp	
Fuel Tank / DEF Tank	518 L (137 US gal) / 49 L (13 US gal)	518 L (137 US gal) / 55 L (14.5 US gal)
Front Track Width	3449 mm (135.8 in.)	
Rear Tread Width	2448 - 3856 mm (96.4 - 151.8 in.)	
Front Width	Tire Dependant	
Wheel Base	4290 mm (168.9 in)	
Crop Clearance	1150 mm (45.28 in)	
Drive Wheels	600-65R28 bar; 580-70R26 turf	
Tail Wheels	16.5L - 16.1 with independent suspension	
Transmission	Hydrostatic Infinitely Variable	
Field Speed	Up to 29 km/h (18 mph)	
Road (Transport) Speed	Up to 43.4 km/h (27 mph)	
Final Drive	Planetary gearbox	
Cab Equipment	Dual Direction® operator station, Ultra Glide® cab suspension	
Operator Station	<p><b>Standard Cab:</b> Bluetooth® equipped radio, windshield (sun) shades (front and rear), adjustable air ride suspension cloth operator seat, seat belt, fold away trainer seat, windshield wiper with washer fluid, auto climate control, warning beacons, tilt and telescoping steering column, 4 halogen road lights, 8 LED work lights.</p> <p><b>Deluxe Cab option adds:</b> Heated and vented leather high-back multi-adjustable air ride seat, seat belt, leather fold away training seat, power mirrors, 360° Night Vision from 8 high lumen LED work lights, *All M2170NTs will have a deluxe cab.</p>	
Harvest Performance Tracker	<b>Harvest Touch Display:</b> 17.8 cm (7") color LCD touch screen	
Instrumentation and Monitor System	<p>Monitoring functions:</p> <p><b>(1)</b> Speed: ground, knife, reel, conveyor, cooling fan <b>(2)</b> Pressure: knife, reel, conveyor</p> <p><b>(3)</b> Header Position: height, tilt, float, reel height, reel fore/aft <b>(4)</b> Engine: RPM, fuel consumption, load</p>	
Options	Center link Alignment Kit, Rear Ballast Weights, Weightbox and Harness for Header Transport, Float Booster Springs, Double Windrow Attachment (DWA), Swath Compressor, HD Wheel Drive Conversion, High Debris Cooler Kit, Block Heater.	

\*Weight with 600-65R28 bar tires and 16.5L-16.1 suspended tail wheels. Hydraulic oil and coolant included in weight. Does not include fuel/DEF.



## D2 SERIES DRAPER HEADER SPECIFICATIONS

Size*	4.6 m (15')	6.1 m (20')	7.6 m (25')	9.1 m (30')	10.6 m (35')	12.5 m (41')	13.7 m (45')
Weight** Double Knife Drive	1689 kg (3723 lb)	1852 kg (4081 lb)	2163 kg (4768 lb)	2622 kg (5779 lb)	2843 kg (6266 lb)	3006 kg (6626 lb)	3127 kg (6893 lb)
Knife: Type / Drive / Speed	Double knife / Hydraulic, MacDon design enclosed oil bath knife drive boxes 1200 - 1800 spm, varies depending on header size						
Guard Type Available	Standard: ClearCut™ PlugFree™ Short Guards - Forged and Double Heat Treated (DHT) with Forged, Dual Bolt Adjustment Hold-Down						
Reel: Type / Drive / Speed / Fingers	Pick-up Reel, six or nine bats, one-piece (single) or two-piece (double), flip-over design, cam-leading finger control / Hydraulic / 0 to 85 rpm (auto-adjust from cab) / 290 mm (11.4") length, wear-resistant HD plastic, 102 mm (4") spacing						
Conveyor: Type / Drive / Speed / Delivery Opening	1270 mm [50"] Draper / Hydraulic / 0 - 250 m/min [822 ft/min] / 0 - 250 m/min [822 ft/min] / Delivery opening 15' -1395 - 1525 mm [54.9" - 60.0"]; 20', 25', 30', 35', 41' - 1775 - 1905 mm [69.9" - 75"]						
Field-Installed Options	EasyMove™ Transport System, Upper Cross Auger, VertiBlade™ Vertical Knife, Stabilizer wheels, Stubble Lights						

\*Product size availability varies by market

\*\*All listed weights are approximations and will vary depending on header configuration.

## 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

## R1 SERIES ROTARY DISC PULL-TYPE SPECIFICATIONS

Size	4 m (13')	4.9 m (16')
Number of Cutting Discs / Blades	8 / 2	10 / 2
Horse Power Requirements	100 horsepower	125 horsepower
PTO	1000 RPM PTO 35 mm (1 3/8") / 21 spline or 45 mm (1 3/4") / 20 spline	
Weight (Steel Conditioner)	2572 kg (5670 lb)	2830 kg (6240 lb)
Weight (Steel Conditioner with Road Friendly Transport)	3293 kg (7260 lb)	3543 kg (7810 lb)
Length (without Road Friendly Transport)	711 cm (280")	858 cm (338")
Length (with Road Friendly Transport)	835 cm (329")	981 cm (386")
Transport Width (without Road Friendly Transport)	406 cm (160")	502 cm (198")
Transport Width (with Road Friendly Transport)	269 cm (106")	269 cm (106")
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 / 328 cm (129") / No Conditioner	
Hitch Type	Cat 2/3N drawbar or Category 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	

## 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



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## Draper Header Service 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 Service Kits are available for MacDon FD2/D2/FD1/D1/FD75 and D1XL/D1X/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.

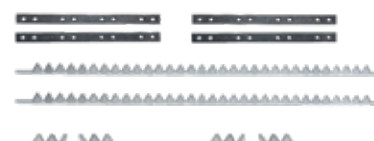


## Knife Assembly Kit\*

MacDon Performance Parts Knife Assembly 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 (20 to 40 foot), and Double Knife available in sizes from 9.1 to 13.7 m (20 to 50 foot) configurations for a wide range of MacDon Draper Header models.\*\*

*\*Knife heads are sold separately*

*\*\*Available sizes vary for each MacDon model*



## 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 (25 to 40 foot), and Double Knife available in sizes from 9.1 to 13.7 m (25 to 50 foot) configurations for a wide range of MacDon Draper Header models.\*\*

*\*Hardware sold separately*

*\*\*Available sizes vary for each MacDon model*



## 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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