



## Next level harvesting performance

MacDon's M1170 Windrower continues MacDon's tradition of bringing harvesting innovation to the field. This all-new Windrower delivers power, performance, comfort, and speed. The powerful Cummins engine provides more than enough header drive capacity to power through the toughest harvesting situations, while our patented CrossFlex™ suspension makes the 18 mph (29 km/h) in-field and 28 mph (45 km/h) 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 in our Deluxe Cab will keep you comfortable and cutting long after the sun goes down. Setting a new standard in windrower technology, the M1170 is the next level of harvesting performance.

### POWERFUL PERFORMANCE

Our Cummins 4.5L, 4 Cylinder, Tier 4 Final Turbo Diesel Engine delivers 173 horsepower at 2400 rpm. More engine power combined with increased header drive capacity means the M1170 is ready for any harvesting situation.

### A COOL UNDER PRESSURE

The M1170 uses MacDon's 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 18 mph (29 km/h) in-field and 28 mph (45 km/h) road speeds feel like a relaxed cruise. This unique design absorbs impact from rough terrain, allowing smooth harvesting, no matter the field condition.

### C 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 28 mph (45 km/h). 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 20 mph (32 km/h) with MacDon Windrowers using the Slow Speed Transport system. Altogether you'll be spending less time in transport and more time cutting.

\*Always follow local traffic laws and regulations.



## D 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 the 360° Night Vision lets you work safely long after the sun goes down.

## E TRACK YOUR HARVEST PERFORMANCE

Operators will enjoy the all-new Harvest Performance Tracker on our 7" LCD display. Track your harvest performance with an easy-to-read interface providing on-board diagnostic readings and user customization features.

## PRECISION CONTROL

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, reel, and draper operation.

## 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 the Night Vision lets you smoothly transition from day to night.



## M1170 WINDROWER SPECIFICATIONS

Engine	Cummins QSB-4.5L 4 Cylinder Tier 4 Final Turbo Diesel (B20 bio-diesel approved)
Horsepower	Rated 173 HP (129 kW) @ 2,400 rpm
Weight*	13,400 lbs (6,078 kg) *Weight with 600-65R28 bar tires and 16.5L-16.1 suspended tail wheels
Batteries / Alternator	2, 12-volt / 200 A
Fuel Tank / DEF Tank	140 gal (530 L) / 7.5 gal (28 L)
Front Tread Width	135.8 in (3,449 mm)
Rear Tread Width	Adjustable from 96.4 in (2448 mm) to 151.8 in (3,856 mm)
Wheel Base	168.9 in (4,290 mm)
Crop Clearance	45.7 in (1,160 mm)
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 18 mph (29 km/h)
Road Speed	Up to 28 mph (45 km/h)
Final Drive	Planetary gearbox
Cab Equipment	Dual Direction® operator station, Ultra Glide® cab suspension
Operator Station	<b>Standard Cab:</b> Bluetooth® equipped radio, windshield shades (front and rear), high-back, multi-adjustable air ride seat, 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
Harvest Performance Tracker (HPT)	<b>Deluxe Cab option adds:</b> Heated and vented leather seat, leather fold away training seat, power mirrors, 360° Night Vision from 8 high power LED work lights
Instrumentation and Monitor System	7" color LCD display, featuring an all-new One-Touch-Return header preset system. <b>Monitoring functions:</b> (1) Speed: ground, knife, reel, conveyor, cooling fan (2) Pressure: knife, reel, conveyor, supercharge (3) Header Position: height, tilt, float, reel height, reel fore/aft (4) Engine: speed, fuel consumption, load
Options	Centerlink Alignment Kit, Rear Ballast Weights, Weight Box and Harness for Header Transport, Float Booster Springs, Double Windrow Attachment

    Join us on Facebook, Twitter, YouTube, and Instagram.

The Harvesting Specialists. [MacDon.com](http://MacDon.com)

**MacDon®**

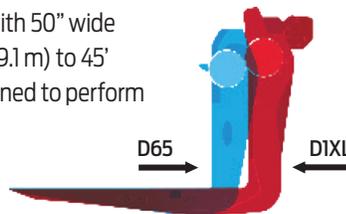


## Super-sized harvesting performance

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 DIXL Draper Headers. DIXL Drapers feature a deep deck with 50" wide (127 cm) drapers, in header sizes from 30' (9.1 m) to 45' (13.7m) 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 M1170 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 DIXL takes harvesting performance to the next level.

### A SERIOUS CAPACITY

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



### B PRECISION PERFORMANCE CONTROL

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, reel, and draper operation. Customizing and tracking your harvest happens on the easy-to-read and navigate interface of the all-new Harvest Performance Tracker 7" LCD display.



### 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.



### D MASSIVE CROP CLEARANCE ABILITY

Featuring the industry's best crop clearance with 46" (117 cm) of height and 169" (429 cm) of width, big, bushy swaths flow effortlessly under the M1170. Header lift height is improved too, with 3 inches' more height than previous model.



## E 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.



## F A FAST SMOOTH RIDE & CLEAN CUT

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



## G 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 28 mph (45 km/h). 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 20 mph (32 km/h) with MacDon Windrowers using the Slow Speed Transport system. Altogether you'll be spending less time in transport and more time cutting.



\*Always follow local traffic laws and regulations.



## D1X & D1XL SERIES DRAPER HEADER SPECIFICATIONS

Size (D1X)	D115X 15' (4.6 m)	D120X 20' (6.1 m)	D125X 25' (7.6 m)	
Weight (D1X)**	2,780 lb (1,258 kg)	3,265 lb (1,484 kg)	4,072 lb (1,847 kg)	
Size (D1XL)	D130XL 30' (9.1 m)	D135XL 35' (10.6 m)	D140XL 40' (12.2 m)	D145XL 45' (13.7 m)
Weight (D1XL)**	5,110 lb (2,318 kg)	5,649 lb (2,562 kg)	6,224 lb (2,823 kg)	6,605 lb (2,996 kg)
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 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 25'-35', double reel 35'-45' / Hydraulic / 0 to 85 rpm / HD plastic fingers, 6" (152 mm) spacing, 11" (279 mm) length			
Conveyor: Type	D1X: (15'-25'): 41.6" (1,057 mm) wide 24 oz (680.4 g) rubber skim-coated drapers, reversible double V-guide with tracking, integral seal on leading edge D1XL: (30'-45'): 49.6" (1,260 mm) wide 24 oz (680.4 g) 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 25'-35', Centre Delivery 40'-45' opening width 60.6" (1,539 mm) to 76.7" (1,948 mm)			
Options	Upper cross auger, stabilizer wheels, slow-speed transport with stabilizer wheels and other specialty option kits			
	**All listed weights are approximations and will vary depending on header configuration			



Join us on Facebook, Twitter, YouTube, and Instagram.

The Harvesting Specialists. [MacDon.com](http://MacDon.com)

**MacDon**



## 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 14 mph (22.5 km/h). 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 M1170 Windrower and R1 Series Disc Header are a knockout combo.

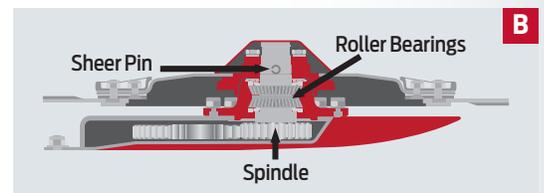
### A CLEAN CUT & 3 YEAR WARRANTY

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 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.



### C A FAST SMOOTH RIDE IN & BETWEEN FIELDS\*

Get ready for in-field speeds of up to 14 mph (22.5 km/h) with MacDon's patented CrossFlex Suspension. This unique suspension design absorbs impact from rough terrain and allows for smooth harvesting, no matter the field condition. And 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 28 mph (45 km/h). In the case of the R113, there's no need to detach the header for transport because it's the same width as the M1170 Windrower. Altogether, you'll be spending less time in transport and more time cutting.



### D 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 position also allows easy access to the adjustable windrow forming shields.



\*Always follow local traffic laws and regulations.

## E SERIOUS CONDITIONING

Featuring the industry's widest conditioning roll at 129" (328 cm), and 3 interchangeable conditioning options, you can choose from Steel Inter-Meshing, Polyurethane Inter-Meshing, or No Conditioner option. The R1 lays down well-formed, 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.



E



### 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 129" wide (328 cm) 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.

## F PRECISION PERFORMANCE CONTROL

The new-two-stage controls allow for faster and more precise positioning of the header while cutting. Users can easily program up to three One-Touch-Return buttons for fast in-field control of the header's height and tilt. Customizing and tracking your harvest happens on the easy-to-read and navigate interface of the all-new Harvest Performance Tracker 7" LCD display.



F

### REFINED HYDRAULICS

Designed for convenience and ease of use, all hydraulic connections happen on the left side of the machine.

## R1 SERIES DISC HEADER SPECIFICATIONS

Size	13' (4 m)
Weight (No Conditioner)	4,848 lb (2,200 kg)
Number of Cutting Discs / Blades	8 / 2
Drive (Maximum Hydraulic Power)	127 HP (94 kW)
Cutting Speed / Knife Tip Speed	1,800 to 2,600 rpm / 131 mph (210.8 km/h) to 189 mph (304 km/h)
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 / 129" (328 cm), polyurethane rolls / 129" (328 cm), no conditioner
Options	Tall crop dividers



Join us on Facebook, Twitter, YouTube, and Instagram.

The Harvesting Specialists. [MacDon.com](http://MacDon.com)

**MacDon**