

A close-up, low-angle shot of the front of a MacDon FD2 PLUS FlexDraper harrow. The machine is dark blue and red, with a prominent red MacDon logo on the front. A white label on the side reads '+ PLUS FD240 FLEXDRAPER®'. The harrow's tines are visible, and a red laser line is projected from the front, curving across the ground. The background is dark and moody, with a red and white graphic overlay on the right side.

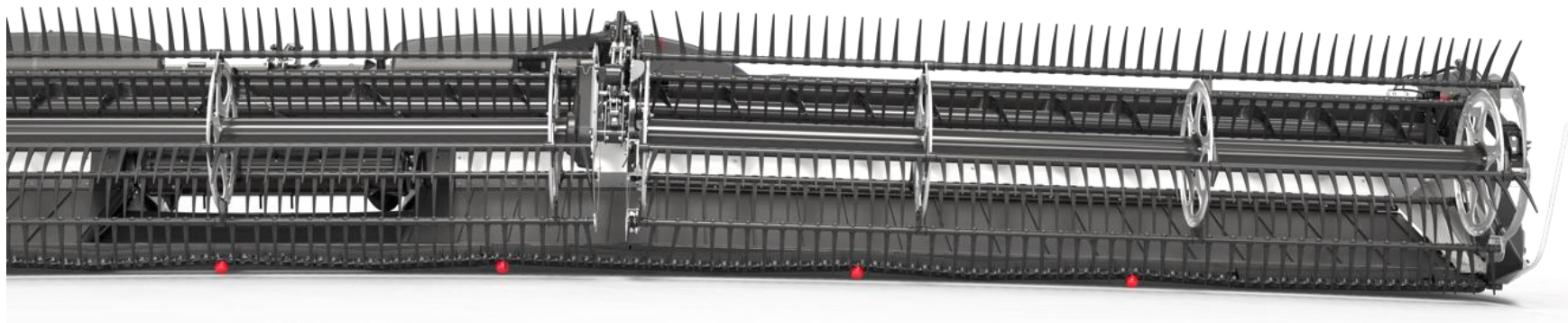
MacDon

FD2 PLUS FlexDraper® Sales Tool

MORE FLEXIBILITY

Overview

Building on MacDon's legendary FlexDraper® platform, the FD2 PLUS isn't just a FlexDraper®—it's MacDon's most advanced and most flexible header yet. With over 2 inches of extra flex at the cutterbar, it hugs the ground tighter, reaching deeper into low spots and scooping up every last bit of available crop.*



* 2" (52 mm)

Overview - Top Selling Points of the FD2 PLUS

1. The Closest Reel-to-Cutterbar Relationship in a Flexing Cutterbar

The FD2 PLUS features a full-length flex cutterbar for exceptional ground tracking while maintaining the majority of the reel-to-cutterbar relationship.

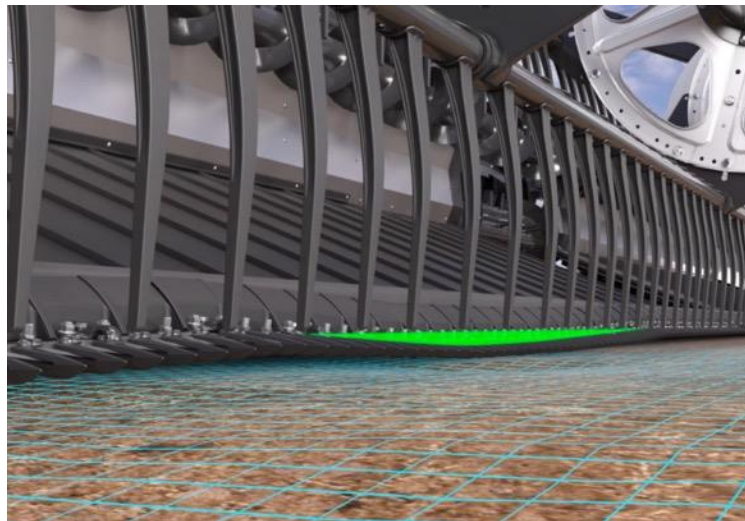
2. Simply Reliable Flexing Cutterbar

Simple leaf spring flexing cutterbar delivers a feather-light float response that instantly adapts to ground conditions.

3. High-Capacity Multi-Crop Solution

Easily switching from full flex to a completely rigid frame and cutterbar with 50-inch-deep drapers, the FD2 PLUS is a high-capacity single-header solution.

* 50" (127 cm)





**WHAT SETS IT APART FROM
OTHER FLEX CUTTERBARS?**

The Closest Reel-to-Cutterbar Relationship in a Flexing Cutterbar

The FD2 PLUS features a full-length flex cutterbar for exceptional ground tracking while maintaining the majority of the reel-to-cutterbar relationship.

This close alignment is critical for capturing low-podding crops, allowing the reel fingers to lift and guide the cut crop onto the drapers.

In competitive flex cutterbars, excessive flexing may cut the crop, but a wide gap to the tips of the reel fingers could put it out of reach. MacDon's tight reel-to-cutterbar relationship ensures that cut crop reaches the drapers and flows smoothly into the combine.

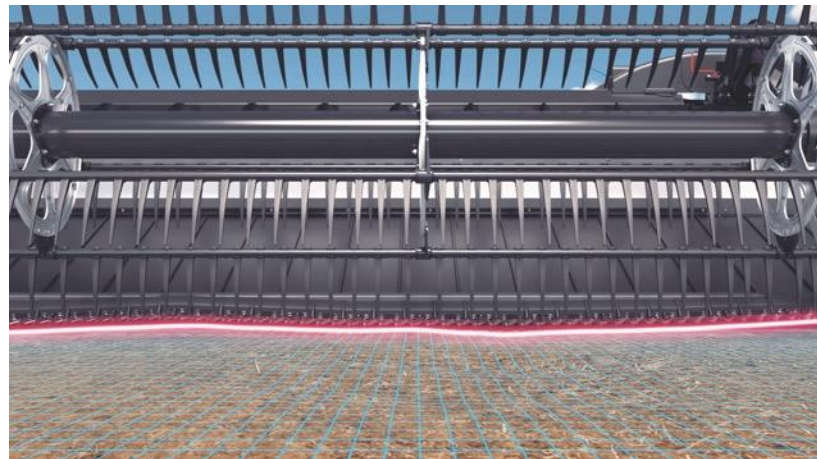


Simply Reliable Flexing Cutterbar

The FD2 PLUS features a simple yet highly reliable leaf spring flexing cutterbar, delivering a feather-light float response that instantly adapts to ground conditions.

This system works in tandem with our flexing frame and MacDon's Active Float System which supports up to 97% of the header's weight.

Together, these three proven mechanical systems provide a reliable instant float response, allowing the FD2 PLUS to cut extremely close to the ground without pushing dirt.



High-Capacity Multi-Crop Solution

Like the FD2, the FD2 PLUS is built for multi-crop harvesting, seamlessly adapting to different conditions. With just a few easy lockouts, it transforms from a fully flexing frame and cutterbar to a completely rigid unit.

Equipped with 50-inch deep drapers, it effortlessly handles high-volume crops, ensuring smooth, heads-first feeding.*

This versatility allows customers to maximize performance across multiple crops using a single header solution.

* 50" (127 cm)



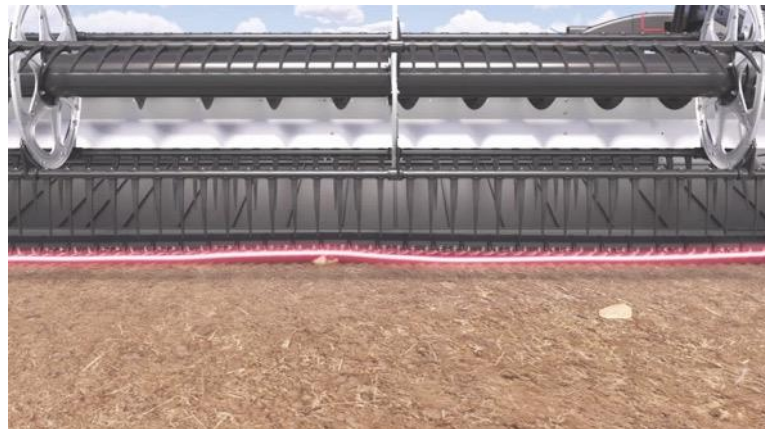
HOW IS IT DIFFERENT FROM THE FD2 FLEXDRAPER®

An Even Closer Shave of the Ground - Without Compromise

Just cutting the crop isn't enough—if the crop is not in the combine, it's not making you money. The challenge with flexible cutterbars is that too much flex can compromise the reel-to-cutterbar relationship, making it hard to capture low-podding crops.

Adding a little over 2 inches of extra flex at the cutterbar, the FD2 PLUS follows the ground even better in extreme conditions, reaching more crop without sacrificing reel-to-cutterbar positioning.*

The low-profile cutterbar and close reel positioning ensure the cut crop is lifted off the ground and smoothly transitioned onto the drapers and into the combine.



*2" (52 mm)

Ability to Run a Wider Header in Extremely Irregular Field Conditions

The FD2 PLUS's ability to closely follow irregular ground allows customers with extremely uneven field conditions to consider running a wider header than usual.

With enhanced FlexDraper® performance in every pass, a wider FD2 PLUS would increase efficiency, save time, reduce fuel consumption, and optimize their overall harvesting performance.



Lockouts

Like the FD2, switching the FD2 PLUS from a flexing frame to a rigid frame is as simple as flipping two levers.

The FD2 PLUS also allows operators to lock out the flexible cutterbar with an equally straightforward process. Simply locate the leaf springs, apply leverage with the provided lockout tool to lift them, and then insert a lock block.

Wider headers have more leaf springs, but the process remains the same, ensuring a quick, easy conversion.



OPTIONS, CONFIGURATIONS, & MAINTENANCE

No Extra Maintenance or Adjustments Needed

The FD2 PLUS's flexing cutterbar features a simple and efficient leaf spring design, requiring no extra daily maintenance compared to the FD2.

Setup is just as straightforward—the PLUS adjusts exactly the same way, ensuring a seamless transition for existing FlexDraper® owners.



Performance Option Differences

The FD2 PLUS offers the same performance options as the FD2, with two exceptions.

1. The Sunflower Kit is not available for this unit.
2. The use of Crop Lifters is not recommended.



Size and Configuration Differences

- The FD2 PLUS is available in 30, 35, 40, 41, 45 and 50-foot configurations.*
 - Excluding the 30-foot models, the FD2 PLUS comes standard with a Double Knife Drive.
 - 40, 45, and 50-foot units come standard with a triple reel.
- * 30' (9.1 m), 35' (10.6 m), 40' (12.2 m), 41' (12.5 m), 45' (13.7 m), 50' (15.2 m)



Weight Difference

Compared to the FD2, the FD2 PLUS has a slight weight difference of approximately 8 pounds more per foot.*

** 8 lbs (3.6 kg)*



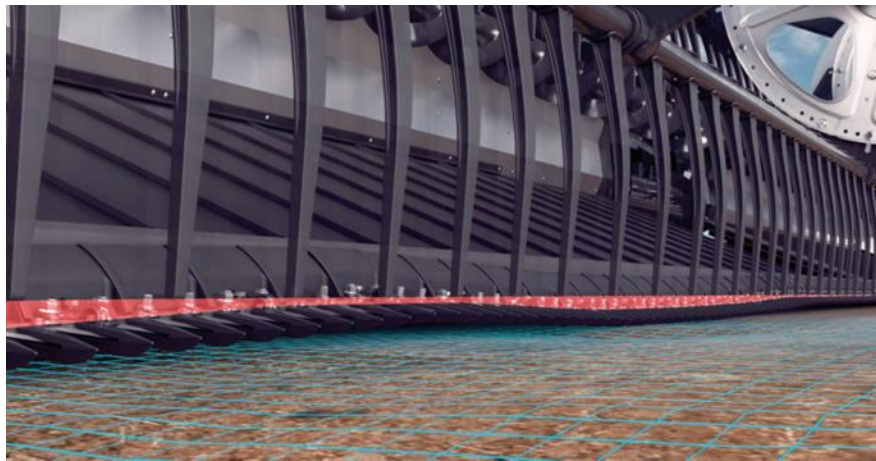
WHO IS THE FD2 PLUS FOR?

Who is the FD2 PLUS for?

The FD2 PLUS is built for extremes and customers who feel they need a flexing cutterbar for their conditions.

It's designed for producers who grow low-podding crops in highly uneven or hilly fields or those who need to navigate challenging terraces and waterways. In these tough conditions, the FD2 PLUS is MacDon's flexiest solution yet.

Its advanced flexing technology ensures even stubble height, prevents dirt buildup, and maintains optimal reel-to-cutterbar positioning so that every last bit of crop gets off the field and into the combine.



SPECIFICATIONS

Specifications

FD2 PLUS FlexDraper® Specifications						
Size*	9.1 m (30')	10.6 m (35')	12.2 m (40')	12.5 m (41')	13.7 m (45')	15.2 m (50')
Weight** Single Knife Drive without FM200	2655 kg (5851 lb)	2863 kg (6311 lb)	2947 kg (6495 lb)	-	-	-
Weight** Double Knife Drive without FM200	-	2943 kg (6487 lb)	3063 kg (6759 lb)	3238 kg (7136 lb)	-	-
Weight ** Double Knife Drive with Triple Reel without FM200	-	-	3212 kg (7079 lb)	-	3590 kg (7912 lb)	3803 kg (8382 lb)
Knife: Type / Drive / Speed	Single or Double knife / Hydraulic, MacDon design enclosed oil bath knife drive box(es) / 1200-1400/1500 spm, varies depending on header size					
Guard Types Available	ClearCut™ Pointed Guards - Forged and Double Heat Treated (DHT) with Forged, Single Bolt Adjustment Hold-Down; 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, five bats, two-piece (double) or three-piece (triple), flip-over design, cam-leading finger control / Hydraulic / 0 to 67 rpm (varies depending on combine model) / 290 mm (11.4") length, wear-resistant HD plastic, 102 mm (4") spacing					
Conveyor: Type / Drive / Speed	1270 mm (50") deep, reversible, rubber skim-coated drapers, double V-guide with tracking, integral seal on leading edge / 0 to 209 m/min (0 to 687 ft/min)					
Standard Features	Fits most current model combines, hydraulic fore-aft reel positioner, hydraulic header tilt, in-cab side draper speed control, auto-header height with header angle and ground pressure indicators, full width cutterbar poly wear plates and six poly skid shoes with steel support structure					
Field-Installed Options	EasyMove™ Transport System, ContourMax™ Contour Wheels, Upper Cross Auger, VertiBlade™ Vertical Knife, stabilizer wheels, lateral tilt automatic header height control					
*Product size availability varies by market.						
**All listed weights are approximations and will vary depending on options installed.						
Check with your dealer for combine ratings.						

Specifications

FD2 PLUS Wing Flex Range

	Standard (Factory) Range	Increased Range*
FD230+ Double Reel	165 mm [6.5"] up & 130 mm [5"] down	165 mm [6.5"] up & 165 mm [6.5"] down
FD235+ Double Reel	205 mm [8"] up & 130 mm [5"] down	205 mm [8"] up & 205 mm [8"] down
FD240+ Double Reel	205 mm [8"] up & 130 mm [5"] down	205 mm [8"] up & 205 mm [8"] down
FD241+ Triple Reel	205 mm [8"] up & 130 mm [5"] down	205 mm [8"] up & 205 mm [8"] down
FD240+ Triple Reel	205 mm [8"] up & 205 mm [8"] down	
FD245+ Triple Reel	216 mm [8.5"] up & 216 mm [8.5"] down	
FD250+ Triple Reel	216 mm [8.5"] up & 216 mm [8.5"] down	

*The flex range can be increased by removing the flex limiter, however a greater reel to cutterbar clearance is required. This is a customer configuration; instructions in Op Manual

FD2 PLUS Total Flex Range (Includes Lateral Float)*

	Total Flex Range
FD230+ Double Reel	696.98 mm [27.44"]
FD235+ Double Reel	833.88 mm [32.83"]
FD240+ Double Reel	894.84 mm [35.23"]
FD240+ Triple Reel	894.84 mm [35.23"]
FD241+ Double Reel	907.54 mm [35.73"]
FD245+ Triple Reel	981.20 mm [38.63"]
FD250+ Triple Reel	1042.16 mm [41.03"]

*Independent of combine

Specifications

FM200 Float Module Specifications			^
	Center Draper	Feed Auger	
Weight	1083 – 1171 kg (2387 – 2581 lb), varies by combine configuration		
Size	2000 mm (78.7") width	1630 mm (64.1") width	
Type	Hydraulic drive (reversible), self tracking rubber coated polyester fabric feed draper with rubber slats	Mechanical drive (reversible), removable retracting fingers with bolt on flighting	
Speed	107-122 m/min (350-400 ft/min), varies with combine brand	191 – 195 rpm, varies with combine brand	
Header Floatation: Type/Vertical Range/Lateral Range (Tilt)	2 pairs of coil springs, independent adjustment, transport lock-out / 178 mm (7") / 4.8 degrees		