



MASSEY FERGUSON

MF 1300 SERIES

Cutting edge disc mower conditioners





The MF 1300 Series RazorBar™ cutterbar redefines durability.

If you're looking for a commercial grade centre-pull disc mower conditioner, look no further than the new MF 1300 Series with our patented RazorBar™ header. Its modular, heavy-duty design literally spells an end to costly downtime.

Not only do the wide-profile teeth offer increased gear-to-gear contact, but the entire drivetrain is designed to handle maximum load all the time.

An industry exclusive, the RazorBar header's sealed bearings don't require constant lubrication, no matter the slope of the terrain. Should the worst happen, the gear spindle will shear outside the cutterbed, keeping contamination away from the gears.

Other unique features of the RazorBar include:

- High-carbon steel knives available with a choice of angles to match crop and field conditions.
- Counter-rotating discs with increased overlap that provide improved cut quality while minimizing crop streaking.
- Sloping disc hub mounts to help reduce debris and twine buildup.
- Ductile cast-iron module housings machined for perfect alignment and maximum durability.
- Built-in rock guards to provide structural support for the cutterbar.
- Swivel gearbox and support arm that moves with the tongue to keep the driveline components in-line for exceptionally smooth operation.

Disc mower speed meets centre-pivot manoeuvrability.

A robust, mechanical driveline, coupled with a three-point swivel hitch, provides smooth power transfer and manoeuvrability.

Slice through tough, tangled crops at speeds that can only be attained with a rotary disc machine and manoeuvrability that only MF 1300 Series centre-pivot models can provide. Choose the MF 1366 with its 3.0 m cutting width, the MF 1383 with its 3.9 m cutting width, or step up to the MF 1386 with its 4.9 m cutterbed.

The larger two models feature industry-exclusive hydraulic conditioning roll tension which delivers consistent quality hay, resulting in a top-quality, high-nutrient crop that's more palatable and more valuable. A heavy duty rear arch frame provides exceptional support and header lift of

45.72 cm (18 inches) for better clearance over headland windrows, as well as ditches and waterways. Everything about this rugged, high capacity mower series is designed to give commercial operators reliable, trouble-free haying performance season after season.

The herringbone steel-on-steel rolls are powered by individual roll-drive shafts and an oil-lubricated drive gear case that reduces roll drive maintenance.

Add it all up and you've got unmatched reliability coupled with performance that is synonymous with the Massey Ferguson name.

Performance always comes standard.

No matter which Hesston 1300 Series centre-pivot disc mower conditioner you choose, you can be assured of quality performance, thanks to impressive features you won't find on most competitive machines.

Herringbone conditioner rolls

The MF 1366 has 1.85 m conditioning rolls while the MF 1383 and MF 1386 have extra-wide 2.8 m conditioner rolls to increase the capacity of the header and allow the crop to be distributed into a thinner mat for more uniform conditioning.

Cage crop conveyors

Rotating cages at each end of the cutterbed help convey crop material to the conditioner rolls while preventing crop material from wrapping on the cutterbed driveshaft.

Top shield protector

Tough, poly panels on the underside of the header shields absorb the impact of rocks and debris to keep the sheet metal from being dented, scraped or exposed to rust.

Turbulence reduction roll on the MF 1383 & MF 1386

A turbulence reduction roll, or helper roll, located between the conditioner rolls and the cutterbed allows the conditioner rolls to be positioned farther back, improving performance in light crops and assisting crop flow in dense, heavier crop.

Pre-lubricated, sealed bearings

Pre-lubricated bearings provide a longer life, while substantially reducing maintenance, compared to cutterbeds that require regular oil checks.

Cutterbar

High tooth-to-tooth contact at all times allows the cutterbar to evenly transfer power throughout the cutterbar and help protect the cutterbar against foreign objects.

Rock guards

Smooth-profile rock guards, integrated into the cutterbed, reduce mud build-up, while protecting the disc and knives from rocks and other obstructions.

Specifications

DISC MOWER CONDITIONER MODEL	MF 1366	MF 1383	MF 1386
Dimensions and Weights			
Width of cut: ft. (m)	9.8 (3.0)	13 (3.9)	16 (4.8)
Overall width: ft. (m)	9.8 (3.0)	13.25 (4)	16.25 (4.9)
Weight: lbs. (kg.)	5,050 (2,291)	6,660 (3,020)	8,150 (3,697)
Mainframe and Header			
Pull/Pivot	Centre		
Header lift range: in. (mm)	20 (510)	18 (457)	
Header flotation	Radial and vertical with adjustable springs		
Tyres	31 x 13.5 x 15		
Cutterbed			
Cutterbar design	Spur gear – RazorBar		
Cutting height: in. (mm)	0.75 to 3 (19 to 76)		
Cutterbar operating range	0° to 6°		
Number of discs	6	8	10
Number of knives	12 (2 per disc)	16 (2 per disc)	20 (2 per disc)
Drive	2B banded belt		
Disc speed: RPM	2,450		
Knife tip speed: mph (km/hr)	178 (287)		
Knives	Swingaway, reversible		
Conditioner			
Roll type	Herringbone steel-on-steel		
Length: in. (mm)	73 (1,854)	109.8 (2,790)	
Speed: RPM	1,158	1,037	1,215
Drive	U-joint drivelines from gearbox		
Diameter			
Upr./lwr. steel-on-steel roll: in. (mm)	8.2 (209)	7.7 (196)	
Windrow Width			
Windrow formation max: in. (mm)	73 (1,854)	96 (2,438)	
Windrow formation min: in. (mm)	42 (1,067)	40 (1,016)	
Tractor Requirements			
Min. PTO: horsepower (kW)	75 (56)	100 (75)	120 (89)
PTO speed	540	1,000	
Hydraulics	1 DAV; 1 SAV	2 DAV	



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