

**Machinery New Product Release:
Massey Ferguson Introduces Hesston Series 16-Foot New Rotary Header For WindRowers**

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Source: Massey Ferguson news release

Improved efficiencies and enhanced serviceability can all be found in Massey Ferguson's new Hesston Series 16-foot 9190 and 9192 Rotary Header models. Designed to fit the Massey Ferguson Hesston Series 9635 windrower, these headers feature the new RazorBar low profile cutterbar. The RazorBar is the strongest cutterbar available in the industry and was specially designed and built by Massey Ferguson engineers.



"Along with the lowest profile in the industry that features a closer and cleaner cut, the Razorbar was designed with a heavier gearbox for increased durability," says Dean Morrell, AGCO product marketing manager, hay and forage equipment.

Other features specific to the 16' rotary header include the turbulence reduction roll, which helps to move the crop from the cutter bed to the conditioner rolls while reducing the amount of air directed forward at the crop by the rolls. Herringbone conditioning rolls offer a smoother crop throughput. Hydraulic tensioning allows the operator to quickly adjust roll pressure when changing fields or crops.

"Hay production is all about quality and time. We understand this and have specially designed this rotary header to adapt to a variety of customer situations and irrigation systems," Morrell adds. "The new 16-foot cutting width is designed to help producers work faster and more efficiently. And, the new header features design modifications allowing producers better access to the equipment to help them make adjustments in the field."

The RazorBar features a larger 620 mm cutting disc compared to 600 mm in previous models; a faster tip speed of 189 mph compared to 182 mph on the 9175; and increased disc overlap for improved cut quality. The rotary header also features heavier cages to improve crop flow; relocated drain and vent plugs to the side of the cutterbed to improve serviceability; and modules sealed through the use of O-rings.

A one-piece mainframe was designed for added strength while the support beam provides strength to the cutterbar. Front bumpers made of molded plastic improve crop flow and a raised header walkway features hose support brackets.

The modular cutter was designed to require less maintenance, and it's easy to repair if needed. For example, there is no need to split apart the disc modules for servicing. Idler gears can be unbolted and removed through the top of the module. The idler gears require no shims, making them easier to reassemble. Since the idler pins are removed from the top, there is no need to remove the rock guards to service the cutterbed.

Also, the RazorBar allows each gear assembly and adjacent idler gear to be individually removed, without disassembly of the cutterbar. The spur gear design allows the cutterbar profile to be thinner, and in thus permits closer cutting with less scalping.

"The new 16-foot rotary header is built with high production hay operations in mind," Morrell says. "Everything from the improved cutting capability to the overall serviceability is focused on being as productive as possible every time it's needed in the field."