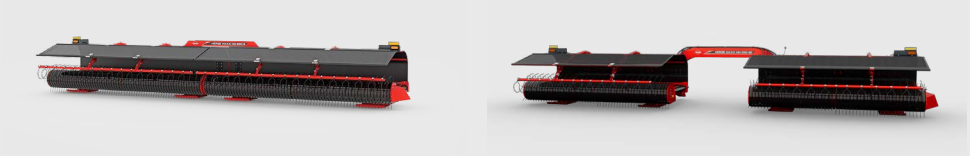
Self-Propelled Mounted Merger Heads

MERGE MAXX® MM 701 S & 890 S/SC





MERGE MAXX® MM 701 S & MM 890 S/SC

GET IN FRONT OF YOUR FORAGE

With 24' and 30' of pickup in a single pass, KUHN self-propelled mounted Merge Maxx® merger heads are the right size to enhance the productivity and efficiency of many baling and chopping operations. Designed for commercial operations with flat terrain common in the west, these mergers improve comfort and reduce operator fatigue. KUHN MM 701 S and MM 890 S self-propelled merger heads can merge left, right, or 50/50 split. The MM 890 SC can merge to the center, left, or right. With either configuration, operators can create a windrow to best suit their harvesting practices.





MERGER INNOVATION WITH MACDON INTEGRATION

The self-propelled merger head design brings the work in front of the operator, which increases maneuverability and productivity of an operation. The merger head positioned in front of the power unit eliminates driving on crop, preserving forage value. The increased visibility of the merger head allows the operator to quickly spot and remedy potential issues, thus limiting downtime. The KUHN self-propelled mounted Merge Maxx merger heads are compatible with multiple MacDon power units. Integrated models feature a hydraulics kit for even faster, user-friendly attachment.

Compatible models include: MacDon M Series (M155, M205), M1 Series (M1170, M1240), and M2 Series (M2170, M2260).





COMPLETE CONTROL

MacDon M Series machines are controlled using an additional monitor with KUHN's IntelliMerge™ ISOBUS control system. For enhanced simplicity, MacDon M1 and M2 Series machines are controlled by the existing MacDon terminal *(shown above)*. Both configurations allow the operator to run the machine, make adjustments, receive performance feedback and carry out diagnostics. Operators can tailor their machine to field and crop conditions to maximize their efficiency and forage quality from the tractor seat. The systems also include an acre counter and sensor troubleshooting information.



HIGH-CAPACITY PICKUPS

Commercially designed pickups treat crop gently, yet are built and tested for extreme use. The central cam design with large, heavy-duty sealed cam followers provides extra-long life even in the toughest conditions. KUHN high-capacity pickups are designed and built with integrated frames to improve the strength and durability of the pickups and keep the machine looking clean as there is no place for crop to catch and build up.



STANDARD CROP NETTING

Standard crop netting greatly limits leaf loss during transition to the belt and ultimately improves leaf incorporation in the windrow. Operators can adjust the netting from fully extended, fully retracted or in between to match crop needs.



FLOATING WINDGUARD

The floating windguard eliminates the need for adjustments when merging different crops or cuttings. The simple geometry of the floating linkage means the windguard is automatically optimized for differing volumes of crop. The long, curved fingers provide excellent crop guidance onto the center of the belt for fluffy, consistent windrows, allowing improved harvesting ground speed for further efficiency.

MERGE MAXX® MM 701 S & 890 S/SC



HEADER LINKAGE & HYDRAULICS

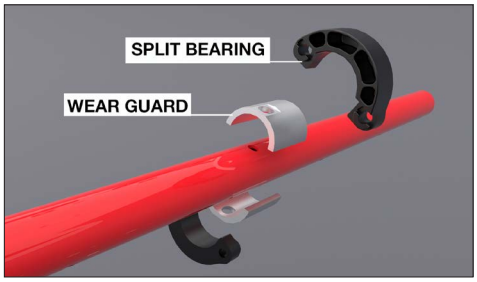
The connecting boots and alignment cones come standard in the MacDon finishing kit from KUHN. This simplifies the hooking and unhooking of the header, resulting in quicker installation. Hydraulic integration on M1 and M2 Series machines make for a streamlined process, whether attaching or detaching the merger head.



BELT STALL INDICATOR

On M Series machines, the optional OptiSense™ belt stall indicator alerts the operator when the belts start to slow down when approaching the capacity of the machine. This gives the operator a chance to react before the machine plugs. If the belts stop, the sensor will shut down the machine to avoid damage to the belts and further plugging of the machine.

Only available on MacDon M Series models using the KUHN IntelliMerge ISOBUS controls.



POLY TINE BAR BEARING

The two-piece poly tine bar bearing is designed with fewer pieces to simplify periodic maintenance. The specially designed bolt holds itself so only one wrench is needed to change pickup tines. To minimize wrapping in long crops, KUHN developed and patented anti-wrapping discs, which are integrated in the ends of the pickups and rotate with the tine bars. This design reduces dead space between the frame of the pickup head and tine arms, where long crops tend to wrap.

Technical specifications

	MM 701 S	MM 890 S	MM 890 SC	MM 701 S INTEGRATED	MM 890 S INTEGRATED	MM 890 SC INTEGRATED
Working width	24' (7.3 m)	30' (9 m)		24' (7.3 m)	30' (9 m)	
Number of pickups and conveyors	2					
Pickup width	24' (7.3 m)	30' (9 m)	24' (7.3 m)		30' (9 m)	24' (7.3 m)
Individual pickup width	12' (3.7 m)	15' (4.6 m)	12' (3.7 m)		15' (4.6 m)	12' (3.7 m)
Conveyor length	11'10" (3.7 m)	14'10" (4.5 m)	11'10" (3.7 m)		14'10" (4.5 m)	11'10" (3.7 m)
Conveyor width	3' (0.9 m)					
Discharge capability	Right, left, or 50/50 split		Right, left, 50/50 split, or center-delivery	Right, left, or 50/50 split		Right, left, center-delivery
Pickup windguard	Standard					
Adjustable crop nets	Standard					
Number of tine bars	6					
Cam followers	Sealed roller bearings					
Pickup height	5/8" - 3 1/8" (16 - 80 mm)					
Adjustable skid shoes	Manual					
Pickup speed control	via ISOBUS terminal			via MacDon terminal		
Conveyor direction control	via ISOBUS terminal			via MacDon terminal		
ON/OFF conveyor control without disengaging the pickup	via ISOBUS terminal			via MacDon terminal		
Belt stall detection	Optional OptiSense™ System			-		
Transport width	26' (7.9 m)	31'6" (9.6 m)		26' (7.9 m)	31'6" (9.6 m)	
Transport length	107" (272 cm)					
Transport height	57" (145 cm)					
Road lights and signaling	Standard					
Approximate machine weight	5,460 lbs (2,477 kg)	6,300 lbs (2,858 kg)		5,460 lbs (2,477 kg)	6,300 lbs (2,858 kg)	6,300 lbs (2,858 kg)
Approved power units	MacDon M155, M205, M1170, M1240, M2170, M2260			MacDon M1170, M1240, M2170, M2260		

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