



The 186M Windrow Merger from RCI Engineering is a simple, cost-effective solution to merging windrows together while minimizing dirt and foreign material in the windrow as can be experienced in raking operations.

Intended Use:

For merging two or three windrows from up to 18' wide cut widths into a single windrow. The 186M can also function as a very effective windrow inverter for improved crop drying in some conditions.

Product Highlights:

- Effective pickup width is 8'6" wide.
- Tine bar assembly features six tine bars with center support.
- Extension with 3 feet of length is standard equipment.
- A bundle to increase the extension length to 5' is available and recommended when tripling 16' or 18' cut widths to a windrow of less than 8' wide.
- If tripling windrows from a 16' cut width and a final windrow width of under 9' is needed, the standard extension is sufficient.
- The longer extension option is recommended for all cut widths of greater than 16'.
- Windguard is standard equipment.
- Pickup and belts are driven hydraulically in series.
- Gauge wheels are adjustable.
- Conveyor extension shut-off valve is standard equipment such that the merger can be used with the extension in the transport position.
- Can be used with virtually any 50+ hp tractor with a drawbar, self-contained oil cooler, and two remote hydraulic valves
- Unit discharges at the right side with the extension in the raised or lowered position.
- Reversible belt direction is standard equipment.

Product Limitations:

- The 186M is not recommended at this time for use with tractors without integrated oil coolers.
- When used on a tractor with open-center hydraulics and no flow control from the tractor, a pair of plugs must be removed from the manifold to allow for flow control at the manifold. Refer to the 186M Operator Manual for more information.
- The maximum transport speed for the unit is 25 mph. Additional safety lighting may need to be added if pulled behind any vehicle besides a tractor. See local DOT regulations regarding lighting requirements for road transport when not using a tractor.

Ordering Information:

Part Number	Description	Comments
RC130001	186M Merger, Base Unit	
RC063481	Bundle, 2-Foot Extension Addition	Total of 5' extension length

Setup Time:

Approximately 2 hours of setup time is required from shipping configuration to field operation when shipped on a skid. When shipped via flatbed trailer, the unit requires approximately 30 minutes of setup time for preparation to the field.

RCI Engineering LLC also offers an assortment of attachments for John Deere hay and forage equipment to improve performance, increase efficiency and to increase machine capabilities in different crop and field conditions. The 186M Merger is not an Allied Product for John Deere, but is available through any John Deere dealer.

RCI Engineering LLC reserves the right to make improvements in design and changes in specifications at any time without notice and without incurring any obligation to install them on units previously manufactured or sold. Specifications, descriptions, and illustrative material herein are as accurate as known at time of publication, but are subject to change without notice.

186M Merger Specifications

Pickup	
Pickup Working Width	8' 6"
Type	Cam w/tine bar reel
Number of Cams	2
Number of Tine Bars	6 w/ center support
Wind Guard	Yes
Pickup Drive	Hydraulic
Stripper Guard Type	Metal
Float System	Spring
Conveyor	
Belt Width, in.	35 1/4"
Lug Height, in.	3/4"
Lug Width, in.	32 1/2"
Extension	Yes
Length	36" Standard; 60" Optional
Extension Folding	Hydraulic
Belt Drive	Hydraulic
Tractor Hyd. Drive System	Yes
GPM/PSI Required	12 / 2000
Hydraulic Remotes Needed	2
Tractor Size	Minimum 50 hp
Dimensions & other Specifications	
Base Weight, lbs	2,200 approx
Transport Width	10' 11"
Transport Length	12'
Tire Size (Frame)	26 x 12 - 12
Gauge Wheel Size	18.5 x 8.5 - 8
Operating Speed	2 to 12 mph
Transport Speed	Up to 25 mph
Merging Width Cuts	Up to 18' (with optional extension)

All parts, service and warranty matters are handled by RCI Engineering LLC. Warranty for this implement is 1 year parts and labor as outlined in the RCI Engineering LLC Warranty Statement.

Visit www.RCIengineering.com for more product information, ordering, and pictures of this implement.

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