



**MASSEY FERGUSON**

197 - 265 HP

# WR9900

Self-Propelled Windrower



# INTRODUCING THE WR9900 SERIES

No other self-propelled windrower helps you produce quality hay faster, more efficiently and more comfortably. With the new WR9900 Series Self-Propelled Windrowers, you can expect added power to handle all crop conditions, a brand-new cab for more comfort and greater hydraulic capacity for increased productivity.

## Superior Technology

All main windrower operations, including in-cab conditioner roll pressure adjustment, are controlled via a virtual computer terminal for enhanced precision and better control.

## Higher-Performance Engines

AGCO Power™ Tier 4 Final engines deliver more precise power and performance.

## Advanced Cooling System

The V-Cool™ system offers greater cooling and fuel efficiencies along with auto-reversing air direction for maintenance-free self-cleaning.

## Exclusive RearSteer™ Improves Handling and Road Transportation

The RearSteer™ option with speeds up to 40 km/h lets you move faster without reversing travel direction.

## More Comfort

Oscillating GlideRider™ rear axle beam increases operator comfort by reducing machine bounce.

# More power to you

WR9900 Series windrowers range from 197–265 engine horsepower. Massey Ferguson now offers a high-power six-cylinder WR9980 option, giving your operation more power than ever before.

Each model features a larger, tandem hydraulics pump for increased hydraulic capacity and control. The added horsepower and hydraulic capacity make the WR9900 Series more capable and versatile, with both models having the ability to run disc, draper and auger headers

Model	Engine	Rated HP (kW)	Max HP (kW)	Headers
WR9980	AGCO Power 7.4 L	265 (198)	282 (211)	Disc (4 m., 5 m.), draper, auger
WR9960	AGCO Power 4.9 L	197 (147)	208 (155)	Disc (4 m., 5 m.), draper, auger

## Lighting

Improved lighting and optional LED light package.

## Fully Customisable

You can fully program the FNR (hydro) handle to better meet your needs and preferences.

## More Space

With 3.7 m³ of interior cab volume, 7.2 m² of glass area and 3 m² of glass on the curved windshield, our VisionCab features a sleek and stylish new look surrounding you in complete comfort.

## Easy Monitoring

Touch screen monitor (optional) with intuitive user interface provides easy monitoring and makes setting adjustments quick and simple.

## Hydraulic Hookups

Combined with the new tandem hydraulic drive, dual hydraulic hookups provide additional power, functionality and control.

## More Powerful Hydraulic Drives

Our new generation of electronically controlled hydraulic drives provide increased performance and productivity.



# Technology so smart, it practically windrows for you

All systems go. Get an instant and more intuitive view with your choice of monitors. The C1000 is a simple icon-based monitor that is very easy to use. The C2100 is a simple and intuitive 12.1 inch touchscreen monitor that allows you to monitor machine performance while displaying guidance on the same screen.

## WR9900 Series on-board terminal lets you control all of the windrower's main functions, including:

- Header speed
- L/R header flotation / tilt / height
- Header load monitor
- One touch down / one touch up
- Return to cut height
- Return to tilt
- In-cab hydraulic roll tension
- Header drop speed
- Engagement of automatic functions
- FNR handle configurations
- Steering system adjustments
- Auto-Guide™
- Data collection (fuel usage, acres, hours, etc.)
- Troubleshooting information

## Maximize operational uptime with Fuse® Connected Services

Fuse® Connected Services from your Massey Ferguson dealer means a new level of proactive equipment and operational support to improve efficiency and productivity. Enabled by AgCommand®, AGCO's industry-leading telemetry tool, Fuse Connected Services helps optimize performance through enhanced management of your fleet and individual assets.

Wireless communication via web and mobile platforms allows for easy access to data. Eliminate guesswork with pre-populated service and maintenance intervals for each machine and utilize machine performance analytics, prioritised alerts and theft recovery to minimize downtime.

The new, user friendly interface makes it easy to monitor windrower performance and adjust settings to field conditions.



## A windrower so smart, it talks to itself

Proprietary software on the WR9900 Series allows a variety of components to communicate electronically and execute many of its functions automatically. These components include:

- Automatic header speed
- Automatic load control
- Rotary header speed compensation
- OptiCruise speed control
- Electro-hydraulic steering
- Auto-steering
- V-Cool cooling system
- Automatic reel speed
- Automatic header float

### Automatic header speed control

If engine RPMs are pulled down when cutting high-yielding areas in the field or navigating steep terrain, automatic header speed will increase the hydraulic flow to the header in order to maintain consistent disc header RPM for consistent cutting and conditioning.

### Automatic load control

If Automatic Load Control is activated, the windrower will automatically adjust ground speed based on engine load and header drive pressure to ensure maximum torque and efficient fuel usage. This reduces the amount of operator intervention, simplifies machine operation and reduces operator fatigue.

### Rotary header speed compensation

When engaged, the control system will automatically increase the rotary header knife speed as ground speed is increased. This ensures that the ideal amount of crop cut per blade rotation is maintained even as ground speeds change, leading to excellent quality of cut.

### OptiCruise speed control

This function allows for more precise speed control when operating in rough conditions. The two buttons on the back of the hydro handle allow you to increase and decrease your speed smoothly (1 km/h increments in first and second speed range, 3 km/h in third speed range) without having to move the control handle.

# Powerful performance and the versatility you need to get the job done.

The WR9900 Series windrowers feature two different AGCO Power engines, both designed specifically to stand up to the rigors of agricultural use. The WR9960 is powered by the AGCO Power 4.9 L four-cylinder engine and the WR9980 is powered by the AGCO Power 7.4 L six-cylinder engine.

The WR9900 Series are our most powerful windrowers ever. The increased power of these machines gives operators the versatility to run disc, draper and sickle headers. Don't just take our word for it, run any WR9900 Series windrower and you'll know you're driving the cream of the crop.

**AGCO Power engines** built especially for ag application, deliver as much as 265 rated horsepower at 2,100 RPM. As field conditions begin to pull the engine RPM down, the windrower can deliver more than 280 horsepower at 1,950 RPM, giving you the torque and horsepower, you need to keep going in the field.

**Fuel efficiency** so impressive you'll be able to power through tough crops with minimal fuel usage. Lower engine RPM, precision fuel metering, common rail fuel injection and advanced SCR emission technology are among a few of the innovative engine technologies that will provide you with consistently lower total fluid consumption — for both diesel and DEF.

### New engine updates for improved performance

Increased hydraulic and engine cooling capacity ensure the machine runs at its best, even when conditions are at their worst.

Larger AC evaporator offers a 50% increase in AC cooling capacity.

The engine compartment maintains the familiar cool side / hot side design with ground level access for service points to simplify machine service.



# Be in full control.

Our electro-hydraulic drive system and auto-steering make operating and controlling your windrower easier than ever.



### Header Control

With our innovative hydraulic drive system and fully programmable hydro handle, the WR Series makes operating your header a breeze. The FieldMax monitor is highly advanced but simple-to-use for on-the-fly header adjustments.

### Steering Control

Another Massey Ferguson exclusive, the responsive, electro-hydraulic steering system is the ultimate in precision control. Now you can drive at faster speeds – up to 40 kph on the road – with absolute stability. And you can adjust the steering wheel response and resistance to your personal preferences.

### Hydro Handle

With three set functions and up to 16 programmable functions that can be specific to your operations – you have everything you need at your fingertips.

### Or go hands free

Be in full control or go hands-free with Auto-Guide 3000, the world's most advanced auto-steering. Its satellite-assisted steering technology gives complete and automatic guidance capabilities, allowing you to use the full width of your header for tighter rows and less overlap, which results in less time and fuel.

Field speeds up to 28 kph - with extreme accuracy. Our steering and guidance system allow for the fastest auto-guided field speeds in the industry.

All WR9800 Series are fitted with Auto-Guide 3000 that communicates directly with our electro-hydraulic steering, eliminating the need for additional steering hardware. The response time is drastically reduced for a much higher degree of steering accuracy.

Easy to operate - when Auto-Guide 3000 is engaged, the GPS signal replaces the signal from the steering wheel. If the steering wheel is moved by hand, the windrower automatically goes back to manual steering.



A handle configuration icon in the FieldMax Monitor will always be visible, so you can view and/or change handle settings with a single button.



# Specifications

SP WINDROWER MODEL	WR9980	WR9960
<b>Dimensions and weight</b>		
Length overall without header (mm)	5,074	
Wheelbase (mm)	3,482	
Height - top of cab (mm)	3,501	
Tread width drive tyres (mm)	3,320	
Tread width tail wheels min. (mm)	2,135-3,277	
Weight (approx.) Without header (kg)	5,180	5,127
<b>Speed (approx.)</b>		
Field range (km/h)	0-28	
Road range (km/h)	0-35	
Road range with rearsteer (opt.) (km/h)	0-39	
<b>Engine</b>		
Model	AGCO Power 7.4 L	AGCO Power 4.9L
Rated horsepower (kw)	265 (198)	197 (147)
Boost horsepower (kw)	282 (211)	208 (155)
Displacement in. <sup>3</sup> (L)	452 (7.4)	299 (4.9)
Fuel tank capacity (L)	492	492
<b>Ground drive system</b>		
Type	Double planetary gear reduction	
Tandem pump	Sauer Danfoss H1 Axial Piston Pump	
Motors	Infinitely variable displacement	
<b>Flotation system</b>		
Type	Hydraulic with independent left/right adjustable computer control	
<b>Tyres</b>		
Drive wheels	23.1-26 bias turf (R3), 23.1-26 radial turf (R3), 620/75R26 radial bar (R1)	
Tail wheels	16.1-16.5L, 10-ply implement rib	

DRAPER HEAD MODEL	5400-25	5400-30	5400-35	5400-40
<b>Header Specifications</b>				
Drive	Dual Hydraulic			
Header angle	4-18 degrees			
Flotation	Hydraulic (on tractor)			
Draper opening (m)	2			
<b>Dimensions and weight</b>				
Width overall (mm)	8,060	9,584	11,108	12,632
Width cutting (mm)	7,547	9,071	10,595	12,119
Weight, with reel (kg)	2,000	2,270	2,540	2,810
Delivery style	Centre or side			
<b>Sickle specifications</b>				
Speed, single sickle (spm)	1,300	-	-	-
Speed, double sickle (spm)	1,470			
Stroke (mm)	84.6			
Drive	Inline gearbox			
Guard spacing (mm)	76			

RAZORBAR™ DISC HEADER MODEL	MF9296
<b>Dimensions and weight</b>	
Width (overall) (mm)	4,963
Weight (with forming shields) kg.	2,300
<b>Header</b>	
Header Drive	Dual hydraulic motors
Input shaft speed - max. RPM	2,600
Header flotation	Hydraulic, adjustable from cab
Header tilt	0°-10°
<b>Cutterbed</b>	
Cutting width (mm)	4,895
Cutting height (mm)	19-76
Number of discs	10
Number of knives	20
Disc Speed - max. RPM	2,500
Tip speed - max. km/h	304
Cutterbed design	Modular spur gears
Knives	18° bottom level
Knife circle diameter (mm)	622
Knife tie up speed (km/h)	304
<b>Hay conditioner</b>	
Conditioner rolls	4
Length (mm)	2,794
Steel diameter (mm)	197
Speed - max. RPM	1,290
Min. windrow width (mm)	1,016
Max. windrow width (mm)	2,438
Roll tension adjustment	Hydraulic with accumulator



facebook.com/MasseyFergusonGlobal  
 twitter.com/AGCOcorp  
 youtube.com/MasseyFergusonVideo  
 blog.agcocorp.com



MASSEY FERGUSON is a worldwide brand of AGCO.



**MASSEY FERGUSON**