



**MASSEY FERGUSON**

375 - 460 HP

# MF9505

Series Combines



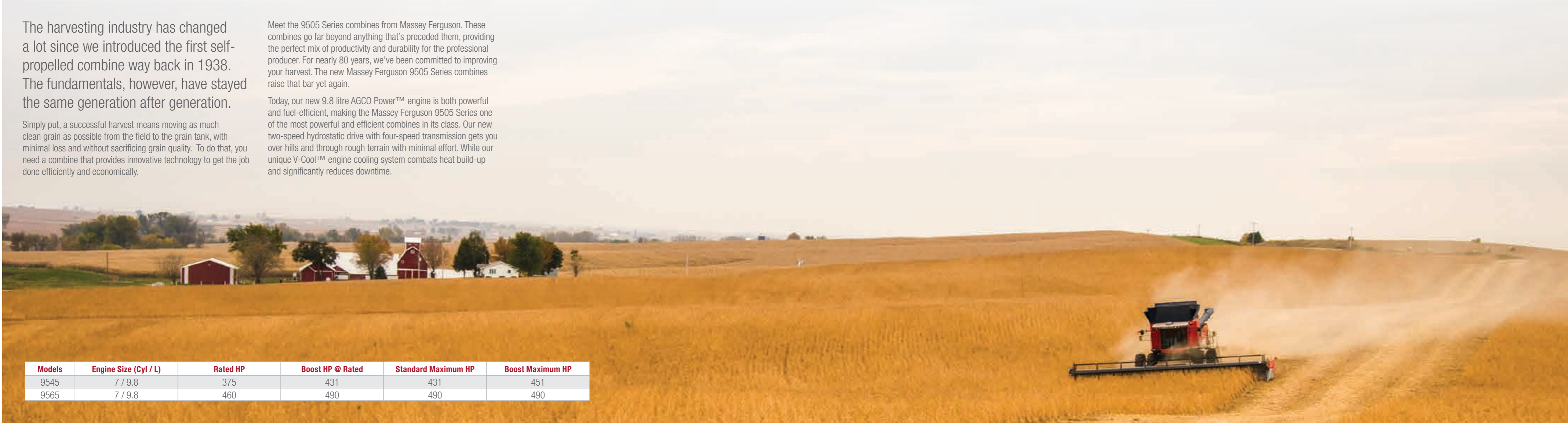
# Introducing Our New 9505 Series

The harvesting industry has changed a lot since we introduced the first self-propelled combine way back in 1938. The fundamentals, however, have stayed the same generation after generation.

Simply put, a successful harvest means moving as much clean grain as possible from the field to the grain tank, with minimal loss and without sacrificing grain quality. To do that, you need a combine that provides innovative technology to get the job done efficiently and economically.

Meet the 9505 Series combines from Massey Ferguson. These combines go far beyond anything that's preceded them, providing the perfect mix of productivity and durability for the professional producer. For nearly 80 years, we've been committed to improving your harvest. The new Massey Ferguson 9505 Series combines raise that bar yet again.

Today, our new 9.8 litre AGCO Power™ engine is both powerful and fuel-efficient, making the Massey Ferguson 9505 Series one of the most powerful and efficient combines in its class. Our new two-speed hydrostatic drive with four-speed transmission gets you over hills and through rough terrain with minimal effort. While our unique V-Cool™ engine cooling system combats heat build-up and significantly reduces downtime.



Models	Engine Size (Cyl / L)	Rated HP	Boost HP @ Rated	Standard Maximum HP	Boost Maximum HP
9545	7 / 9.8	375	431	431	451
9565	7 / 9.8	460	490	490	490

# With this engine, transmission and cooling system, you'll only have to stop when you want to

## In line for more power, less fuel

Our durable AGCO Power 9.8-litre, seven-cylinder engine is built for heavy-duty work in the toughest conditions. We've replaced the 90-degree gearboxes with a simple two-belt mechanical drive, and we've also changed the pitch of the engine to perfectly align with the pitch of the rotor.

This unique, resourceful configuration means power transfer is direct and level, ensuring maximum horsepower is efficiently delivered to the rotor, resulting in both higher capacity and lower fuel consumption.

## More torque whenever you need it.

You won't have to worry about stopping to shift gears with our two-speed hydrostatic engine. Simply downshift to low for a 30% increase in torque and a 23% decrease in speed to easily climb hills or navigate wet fields. Shift to high and torque is reduced 30% while speed is increased 23%. This means strong acceleration on roadways. Plus, shifting to low going down steep hills uses the drive components to reduce speed, rather than the brakes. This helps reduce brake wear.

## A cooler machine is a higher capacity machine

Massey Ferguson has pioneered an innovative solution to keep our combines working longer. Our industry-first V-Cool™ cooling system provides unrestricted airflow to air conditioning, hydraulic systems and air-to-air intercoolers. All radiator and cooling units are arranged in a V-shape, so ambient air reaches each unit directly, without passing through multiple radiators.

The V-Cool system also automatically reverses every 15 minutes, so you don't have to constantly clean it out. Plus, it will run at a variable speed, utilising smart technology to read the temperature of the engine. This ensures the right amount of airflow to keep horsepower focused where it matters most, providing optimal power and torque to the rotor. The result: consistently clean, robust air flow, far less downtime and a 20% increase in capacity with 20% fuel savings over our previous series.



## Your new workplace

Everything about our cab is more intuitive and user-friendly. The layout is spacious, with an improved steering column that's more comfortable for the operator. The headliner has been enhanced for even better visibility, and everything is easier to access. Main switches and controls — like lights, auto guidance engagement, wipers and radio — have been ergonomically placed within easy reach. There's even an upgradeable option for a heated or cooled seat.



## Technologies to connect your entire enterprise

Fuse® Technologies, AGCO's approach to precision farming and precision machine management, supports your farm operation during harvest — and the entire crop cycle — by optimizing uptime and keeping all farm assets in the right place at the right time.

AgCommand® An industry-leading tool that enables wireless transfer of vehicle data to your office, wherever it may be. You can optimize performance, monitor vehicle service intervals, monitor operating costs and generate easy-to-use information to drive efficiency and productivity. AgCommand uses GNSS (Global Navigation Satellite System) to monitor where your machines are

and what they're doing. You can even receive text alerts when service is needed, fuel is low or when incorrect settings are resulting in increased grain loss.

Auto-Guide™ 3000 A simple-to-use guidance system that allows you to get more out of every pass by using satellite navigation to guide the combine along parallel swaths — straight or contoured. Harvest crop efficiently by minimizing gaps and overlaps. Auto-Guide 3000 also helps enable a more efficient unloading operation and reduces operator fatigue.



# Continuous improvement. For better harvests and better bottom lines

Harry Ferguson once said, “Beauty in engineering is that which is simple, has no superfluous parts and which answers exactly its purpose.” That’s an enduring philosophy we continue to abide by today.

## Enhanced header drive system

You want to maximise chopping capability with minimum hassle, so we’ve enhanced our header drive system to push more horsepower where it’s needed most. Our double-clutch system improves the torque that can be delivered to the header and, coupled with the three-groove header drive pulley and belt, helps provide 20% more horsepower (180 hp) than previous machines. Heavier shafts and bearings improve durability and reduce downtime, giving you more chopping capacity and better chop quality, especially with 8- or 12-row corn heads.

## Enhanced variable speed hydraulic fan drive

Our variable-speed hydraulic fan drive provides capacity without complexity. A wider speed range — from 100 RPM to 1,350 RPM — means you can adjust air velocity for enhanced cleaning performance and the flexibility to harvest far more crop types. Because the fan speed is infinitely adjustable within the operating speed range, an operator can easily change the setting on the fly.



## Innovative Rotating Spout Eliminates Grain Loss

Lost grain is lost revenue. Our revolutionary optional rotating spout virtually eliminates grain loss from the unloading auger, especially while unloading on the go. This factory-installed option simply mounts on the end of the unload auger tube and automatically rotates the spout up or down when the unload auger is in or out. Saving on spills means more savings on the bottom line.



# 9505 Series Specifications

Feeding System	9545	9565
Chain Size	4-strand HD #557	4-strand HD #557
Variable-speed header drive	Optional	Optional
Feed reverser	Electro-hydraulic	Electro-hydraulic
Housing width in. (mm)	55.4 (1,408)	55.4 (1,408)
Lateral tilt	Standard	Standard
Rock protection	Standard stone trap	Standard stone trap
Threshing / Separation		
System	Rotary	Rotary
Concave type	Grain: Small wire Corn / Soybean: Round bar	Grain: Small wire Corn / Soybean: Round bar
Concave overload protection	Spring-dampened	Spring-dampened
Concave / grate area in. <sup>2</sup> (m <sup>2</sup> )	2,115 (1.36)	2,115 (1.36)
Separating area in. <sup>2</sup> (m <sup>2</sup> )	Grain: 3,420 (2.2) Corn / Soybeans: 3,886 (2.5)	Grain: 3,420 (2.2) Corn / Soybeans: 3,886 (2.5)
Rotor type	Segmented element	Segmented element
Rotor diameter in. (mm)	31.5 (800)	31.5 (800)
Rotor length in. (mm)	140 (3,556)	140 (3,556)
Drive type	Variable belt / 2-speed	Variable belt / 2-speed
Drive speed (RPM)	Low speed: 277–743 High speed: 481–1,293	Low speed: 277–743 High speed: 481–1,293
Processor reverser	Electro-hydraulic ring and pinion	Electro-hydraulic ring and pinion
Cleaning System		
Cleaning stages	3	3
Pre-cleaner area in. <sup>2</sup> (m <sup>2</sup> )	992 (0.64)	992 (0.64)
Chaffer area in. <sup>2</sup> (m <sup>2</sup> )	4,588 (2.96)	4,588 (2.96)
Sieve area in. <sup>2</sup> (m <sup>2</sup> )	3,875 (2.50)	3,875 (2.50)
Total area in. <sup>2</sup> (m <sup>2</sup> )	9,455 (6.10)	9,455 (6.10)
Cleaning fan type and diameter in. (mm)	Transverse, 13 (330.0)	Transverse, 13 (330.0)
Grain Handling System		
Grain bin bu. (L)	350 (12,334)	350 (12,334)
Unloading auger diameter in. (mm)	15 (381)	15 (381)
Average unload rate bu. / sec (L / sec)	4.0 (141)	4.0 (141)
Unloading auger length from center line in. (m)	Std. 292.6 (7.4) Opt. 328.0 (8.3)	Std. 292.6 (7.4) Opt. 328.0 (8.3)
Unloading auger discharge height in. (m)	Std. 171.2 (4.34) Opt. 179.8 (4.6)	Std. 171.2 (4.34) Opt. 179.8 (4.6)

Crop Residue Disposal	9545	9565
Straw chopper (optional)	2-speed MAV™	2-speed MAV™
Straw spreader	2-speed	2-speed
Hydraulic chaff spreader	Optional	Optional
Engine		
Engine model	AGCO Power™ 98 ATI	AGCO Power™ 98 ATI
Displacement in. <sup>3</sup> (L)	598 (9.8)	598 (9.8)
Number of cylinders	7 / inline	7 / inline
Horsepower @ 2,100 RPM SAE (kW)	Rated 375 (280) Unload boost 451 (336)	Rated 460 (343) Unload boost 490 (365)
Fuel tank capacity gal. (L)	230 (870)	230 (870)
Drive / Propulsion System		
Transmission (variable / manual)	2-speed hydrostatic / 4-speed	2-speed hydrostatic / 4-speed
Steering axle options	Std. adjustable Opt. 2-speed RWA	Std. adjustable Opt. 2-speed RWA
Hydraulic System		
Hydraulic pump	Piston / variable disp.	Piston / variable disp.
Hydraulic reservoir capacity gal. (L)	22.5 (85.2)	22.5 (85.2)
Cab and Controls		
Standard seats	High-back cloth, pneumatic suspension	High-back cloth, pneumatic suspension
Optional seats	Deluxe seat, fabric w/leather side bolsters, heating and cooling, pneumatic suspension	Deluxe seat, fabric w/leather side bolsters, heating and cooling, pneumatic suspension

Every effort has been made to ensure that the information contained in this publication is as accurate and current as possible. However, inaccuracies, errors or omissions may occur and details of the specifications may be changed at any time without notice. Therefore, all specifications should be confirmed with your Massey Ferguson Dealer or Distributor prior to any purchase.



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