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Massey Ferguson  
Combines:  
The Next Generation

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Welcome to the Massey  
Ferguson® 9500 Series.  
The combine that lives  
up to its legacy.

Ever since Massey Ferguson perfected the first self-propelled combine in 1938, grain producers have looked to us to “bring in the harvest.”

Our commitment has been unwavering. With each passing year, we’ve worked to provide the most advanced and productive combine technology possible. But this time around – even we have to admit – we’ve outdone ourselves.

This is the Next Generation in combines from Massey Ferguson. The 9500 Series goes far beyond anything that’s come before. It has to. The evolution of farming demands it.

So we designed these combines with a simple mission in mind: to increase capacity and reduce complexity so you can be more productive every day during harvest. We believe the bold new thinking behind these unprecedented machines will serve as an entirely new standard – for generations to come.

I am the frontier. And the dust bowl. And abundant waves of grain.

I am six generations of farmers, looking forward to sunrise.

And six generations, working into the night.

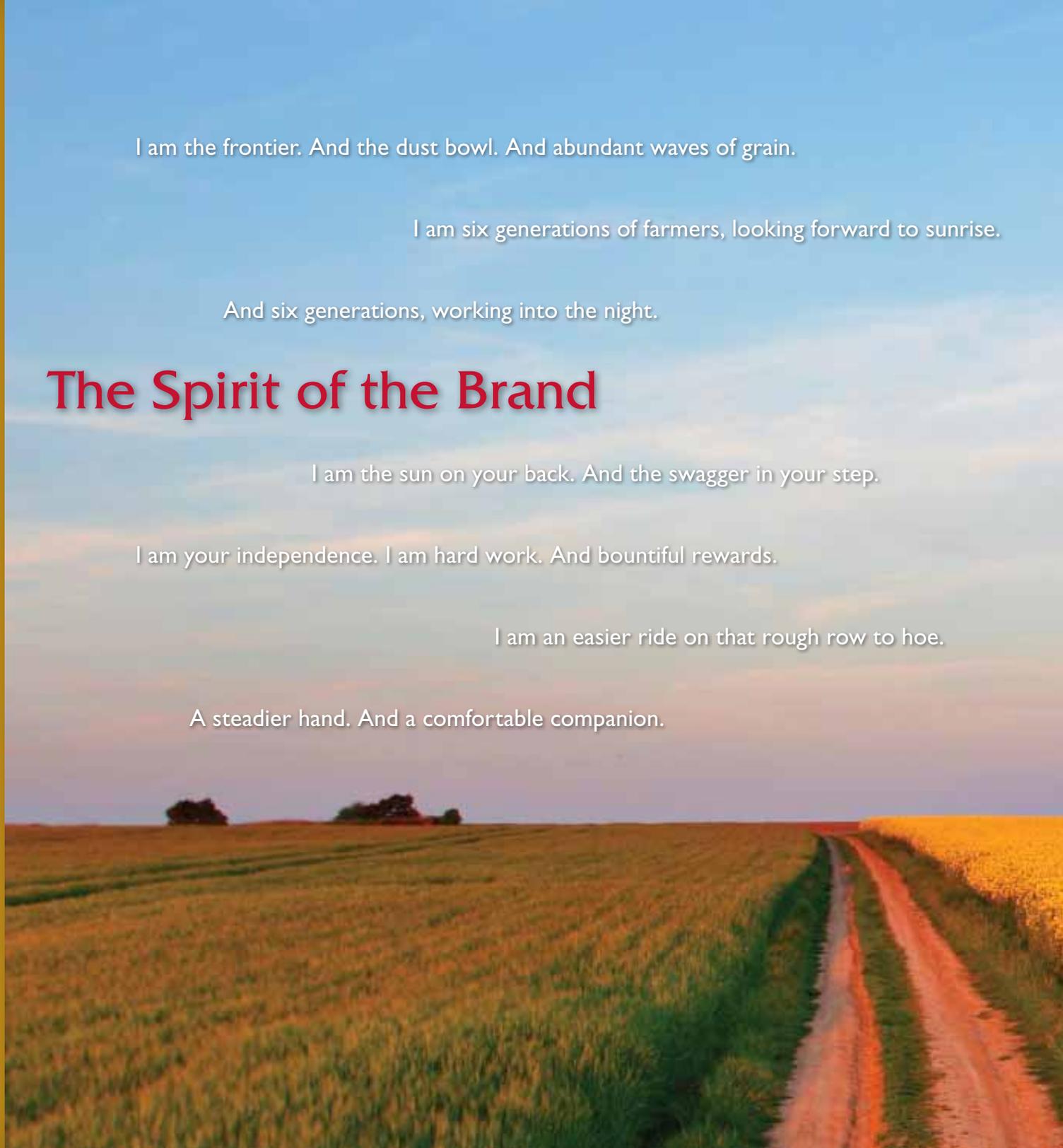
## The Spirit of the Brand

I am the sun on your back. And the swagger in your step.

I am your independence. I am hard work. And bountiful rewards.

I am an easier ride on that rough row to hoe.

A steadier hand. And a comfortable companion.



I am resolute. Resourceful. Inventive. And honest.

I understand your dreams. And your realities.

I am the next chore. The next crop. The next harvest. The next opportunity.

I am your combine. Your tool. Your edge.

I am your strong right hand.

**I am Massey Ferguson.**

The heart of the farm. And the joy in the work.



Reliability.  
Productivity.  
Pride.

With more than 70 years experience designing and producing self-propelled combines for the world market, Massey Ferguson® has developed a proud heritage in the farm equipment industry. One thing we recognize and value greatly is the hard work and practical knowledge of farmers everywhere. Listening to farmers needs and designing our combines to productively satisfy those needs is our top priority.

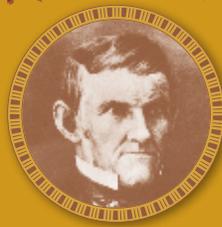
As you take pride in your farming operation and the products you grow, we at Massey Ferguson take pride in the products we design and build for you. We believe that is a unique partnership, and one that we strive to strengthen with every new combine we produce.

*“Beauty in engineering is that which is simple, has no superfluous parts and which answers exactly its purpose.”*

—Harry Ferguson



1847  
MASSEY MFG. COMPANY



In a humble tool shed in Newcastle, Ontario, Daniel Massey begins manufacturing simple farm implements – the same year Thomas Edison, Joseph Pulitzer and Jesse James were born.

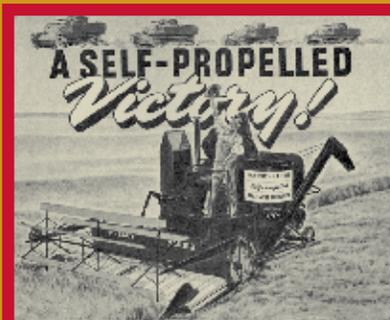
1891

Canada’s top two farm equipment companies merge to form Massey-Harris Limited.



1945

During World War II, Massey-Harris was granted a special allocation of raw material to build a fleet of combines to assist with the North American grain harvest. The Massey-Harris “Harvest Brigade” was formed and the program became the forerunner of today’s custom harvesters.



1938

Massey-Harris engineer Tom Carroll perfected the first self-propelled combine with its own engine and powertrain. The M-H 20 set the standard for future self-propelled combine designs throughout the industry.

1950s

The 1950s saw the popularity of Massey-Harris combines continue to grow. Models M-H 60, 70, 80 and 90 were introduced with new features and increased capacity. Models M-H 72, 82 and 92 soon followed with hillside and rice versions available.

MASSEY-HARRIS  
82-92  
RICE COMBINES



# 1960s

A new generation of “Massey Ferguson” combines was introduced. The MF 300, 410 and 510 featured modern styling with the engine mounted forward above the threshing cylinder. Unique “saddle-type” grain bin design increased bin capacity and lowered the combine’s center of gravity. All three models featured an innovative turret style unloading auger.



# 1986

Massey Ferguson acquired the rotary combine technology from White Farm Equipment and went on to produce two models, the MF8560 and the MF8590. This signaled the start of the transition from conventional to axial rotary combine technology.



Both the MF 700 and 800 series combines were sold worldwide and set industry-leading standards for grain harvesting excellence.



# 2007

Introduction of the MF9895 combine featuring the world’s most efficient and productive grain-handling and unloading system.

# 1983

The “Equipment Manufacturers Institute” recognized the self-propelled combine as one of the “100 Most Significant Contributions” to the mechanization of agriculture.

# 2011

The Next Generation in combines is a machine in which virtually every component has been rethought and reengineered to provide more capacity with less complexity.

## TABLE OF OPPORTUNITIES

The 9500 Series	p.6
Cab Comfort	p.8
Electronics	p.10
Engine Power	p.12
MF9520	p.16
MF9540 & MF9560	p.18
Trident™ Processor	p.20
Grain Cleaning & Unloading	p.22
Drives & Power Train	p.24
V-Cool™ System	p.26
Combine Heads	p.28
DynaFlex™ Header	p.30
Header Fleet	p. 32
Service and Support	p.34
Specifications	p.36

## Our mission was your directive: capacity without complexity.

The process began several years ago. We asked you what you wanted in your combine – and what you didn't. You answered, and a common theme emerged.

More capacity, less complexity. At the end of the day, you want to put more clean grain in the grain tank with less downtime, less maintenance and less fatigue.

So we went back to basics, yet investigated new technologies and explored any idea that bubbled up. Virtually every aspect of our new 9500 Series has been rethought. Many features have been completely reengineered. And we didn't just add

components, we designed entirely new systems. This is most evident in our MF9540 and MF9560. Our new Trident™ Processor promotes significantly more throughput while enhancing grain quality. Our innovative stratified cleaning system features almost 10,000 sq. in. (6.45 m<sup>2</sup>) of cleaning area, with a shorter grain pan for full-length cleaning. And wait until you see how effectively our exclusive V-Cool™ cooling system performs.

The result is a virtually re-invented combine that's still as rugged and reliable as you'd expect from Massey Ferguson. It may have our logo on the side, but it has you written all over it.





MODEL	ENGINE HP (KW)	BULGE HP (KW)	UNLOAD BOOST (KW)	GRAIN TANK (L)	THE PERFECT FIT
MF9520	313 (234)	344 (257)	343 (256)	300 (10,570)	<p>This ingeniously simple design delivers efficiency and productivity in a high-performance machine for mid-sized producers.</p> 
MF9540	370 (276)	426 (318)	426 (318)	350 (12,334)	<p>Our Trident™ Processor and innovative stratified cleaning system provide for high-capacity harvesting without complexity.</p> 
MF9560	460 (343)	477 (356)	502 (374)	350 (12,334)	<p>Increased power combined with e3™ efficiency means the new MF9560 can handle more bushels with less fuel, while maintaining reserve power to pull through tough conditions.</p> 

See complete specifications on pages 36-37

## Hard work feels easier from here.

Nobody has to tell you how important your cab environment is on long days during harvest. If you're comfortable, if every control is within easy reach, if you can go longer stretches and stay refreshed with less fatigue, you'll be more productive.

So we've upgraded the ComforTech II™ cab to do just that. The entire operator station is ergonomically and intuitively designed for convenience and comfort. At 121.4 cu. ft. (3.4 m<sup>3</sup>), it's our roomiest ever. And our quietest. We've increased sound insulation throughout for dramatically lower dba levels compared to previous models.

### Unmatched visibility.

The ComforTech II lets you see it all. You're enveloped by 61.2 sq. ft. (5.7 m<sup>2</sup>) of tinted glass offering a full view of the field, headers and side mirrors. (It also reduces glare and heat buildup inside.) The rear view mirrors are electronically adjustable with a breakaway return. A large rear cab window provides a clear view of the grain tank.

### Ride in style, work in comfort.

Virtually everything around you is adjustable to make every task easier. The ergonomically designed, air suspension high-back seat can be customized for your height and weight. You can tailor the seat cushion's angle and depth as well as lumbar support. The armrests and their controls move and float with the seat adjustment and suspension. The C2100 Virtual Terminal is within easy reach for every operator thanks to a fully adjustable mounting system. And the steering column and leather-wrapped steering wheel feature tilt and telescope.

To keep you breathing easier, there is a high-volume air filter to clean incoming and re-circulated air, blown through eleven air duct outlets to provide even air distribution and fog-free windows.



#### Power ladder options

Choose the power fold ladder (up/down) or a newly designed power option that swivels forward for better visibility during transport. Controlled from the cab or the ground for operator convenience and safety.



#### Adjustable steering column

The slim profile design improves visibility. The leather-wrapped steering wheel, tilt and telescope steering column, and large footrests add to your overall comfort.



#### Leather seat

The new high-back cloth seat is standard. For even more comfort year around, choose the deluxe heated leather seat.



#### Main console and hydro joystick

It's all at your fingertips. The console lets you control functions like header engagement and height adjustments, reel speed and rear wheel assist engagement, feeder and separator clutch. The hydrostatic joystick controls combine's forward and reverse as well as major harvesting operation functions like unloading auger engagement and swing, among others.



Our quiet, ergonomically-designed ComforTech II cab is ultra comfortable and downright relaxing so you can be more productive.

MASSEY FERGUSON®

## 9500 Series field intelligence. Records the stats that show what you've accomplished each day.

There was a time when success at harvest was about working harder. Now it's also about working smarter. That means using the most advanced technology available to maximize yield, and enhance your financial return. So the technology on our 9500 Series is second to none.

### **FIELDSTAR II®**

This precise and unparalleled yield monitoring system has proven itself on Massey Ferguson combines for years now. But our latest version goes even further. Consisting of a standard yield sensor, moisture sensor, Global Positioning System (GPS) antenna and a new C2100 Virtual Terminal, it's all fully integrated so you can now monitor more harvest and combine functions, store more field data, and make more informed decisions than ever before.

As you work, FIELDSTAR II monitors and logs the following functions and displays them on the C2100 Monitor:

- Engine speed • Engine temperature • Fuel usage • Moisture • Dry yield
- Bushels per hour • Event logging

The results help you make a host of crop management decisions. It logs information like crop yield and crop moisture content and how it varies in specific areas of your field. You can download this information into the Farm Works® software which comes standard, or any software that handles ISO XML formats. This allows you to print colored maps of your harvested fields so you can see yield variations and make year-to-year comparisons. The reporting feature records crop input, yields, dates and time as well as combine functions.



The C2100 Virtual Terminal lets you view critical gauges like tachometer, engine oil pressure, fuel level, coolant temperature and grain loss monitor in analog or digital formats.



### C2100 Virtual Terminal

Most combine functions are controlled from the C2100. With its convenient A-post mounting, the monitor offers a full range of adjustments (up-down and side-to-side) and can be positioned for maximum header visibility and ease of reach to accommodate each operator's visibility of the header. It's a breeze to read and operate with its larger 12.1" LCD color touch-screen. It displays all combine and yield data while you work, and stores it as well. The C2100 also features a USB port, so transferring data and console programs is a snap. Want to download all that information the terminal has gathered and diagnosed all day? Simply insert a jump drive and take it back to your PC.

## Keep your combine on the straight and narrow.

The next generation in combines also makes the most of the next generation in auto-steering technology. Whether you want to reduce skips and overlaps or achieve faster speeds, our satellite-assisted TOPCON System I50™ hands-free steering option is designed to make every pass as profitable as it can be, with eagle-eye precision.

How precise is up to you. There are several options to select, with corrections down to .8" (2 cm). Whichever you choose, hands-free operation helps make those long days in the cab less tiring and more comfortable.

### Take command of your fleet.

AGCOMMAND™ is a new telemetry system developed by AGCO for your peace of mind if you're responsible for multiple combines and operators. An invaluable tool for farm managers, it monitors each combine's "health" and whereabouts 24/7, so you can better manage its performance, productivity and maintenance. Using simple wireless service, all information can be viewed from a remote computer. And alarms can be sent to your cell phone or e-mail box alerting you to abnormal activity.



**TOPCON System I50. Monitor and satellite dock.**



**AGCOMMAND. This AGCO exclusive tracks your combine fleet 24/7.**





## The engine built exclusively for the toughest conditions – yours. This is AGCO POWER™.

The engines in the 9500 Series are unique. They have been specifically designed and built for Massey Ferguson combines. Manufactured at our own SISU diesel plant in Nokia, Finland, these engines are assembled in a factory that has built only off-road diesel engines for over 65 years.

AGCO POWER engines are respected throughout the world for their robust construction, durability, reliability, unsurpassed torque and fuel economy. Rest assured, the engine in your combine was designed for your combine and will give you all the power you need, when you need it.

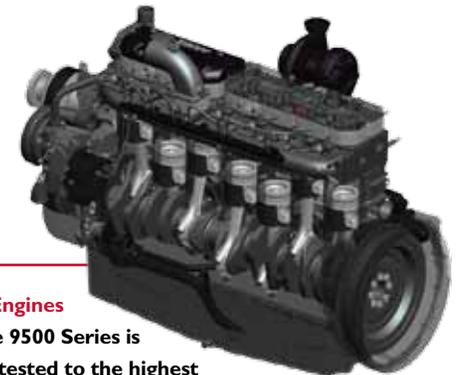
**“Regardless of the brand, I always wanted more power when conditions got tough. But not with this 9560. Even in the densest, wettest areas, she just hums along. Better still, in dry conditions with lighter loads, she saves fuel like a smaller machine.”**

*Farmer  
Alberta, Canada  
Wheat, Barley & Canola*

### **Engines built with pride.**

Anyone who follows auto racing knows the high performance engines on many circuits are hand-built by a team of professionals who work together every day. This same approach applies to your 9500 Series combine. A team of highly skilled technicians personally build and tune each engine. During assembly, rotating components are balanced right down to the nearest gram. And each engine is dyno-tested before leaving the line.

The result is an engine that, even at maximum power, offers peak performance, and runs along smoothly and – for a big diesel – quietly. Every technician on the team puts his pride, passion and job on the line. The team even signs each engine. So you’ll be proud to call it yours. Does any other engine manufacturer do this? No.



### **AGCO POWER Engines**

**Each engine in the 9500 Series is built by hand and tested to the highest standards in the industry. You’ll experience exceptional performance from a smooth, quiet running engine, even at peak power.**

## Horsepower that will handle your harvest. Technology that will handle the EPA.

### More power by design.

The MF9540 and MF9560 are powered by AGCO POWER 9.8-liter seven-cylinder inline engines. (The MF9520 features an AGCO POWER 8.4-liter six-cylinder powerplant.) Each engine features increased power density to deliver more horsepower. The proof is in the numbers. Consider rated horsepower at 2,100 RPM with bulge, and horsepower capabilities peaking at 1,950 RPM. The unload boost (@ 2,100 RPM) gives you the power you need to unload on the go without missing a beat.

MODEL	ENGINE	RATED HP (KW)	BULGE HP (KW)	BOOST (KW)
MF9520	8.4 L	313 (234)	344 (257)	343 HP (256)
MF9540	9.8 L	370 (276)	426 (318)	426 HP (318)
MF9560	9.8 L	460 (343)	477 (356)	502 HP (374)

### Increased power density reduces emissions and saves fuel.

High injection pressure, our common rail fuel injection with precision metering, and effective charge air cooling all work together to help control emissions. Simultaneously, they increase power density and torque level while maintaining excellent fuel economy. As a bonus, the turbo-charger offers instant response in changing load conditions, like when unloading on the go.

### Fuel injection that monitors itself.

Our proprietary Electronic Engine Management 4 (EEM4) is the most advanced fuel injection system we've developed. It monitors engine performance and can make up to 100 adjustments per second so fuel delivery rate and timing are in constant sync. Plain and simple, it helps your engine respond faster to power requirements, lowers exhaust emissions and improves fuel economy.



**“We all have to do our part for cleaner air. But when I run my combine, I run my business. I have to watch costs.”**

*Farmer  
Iowa, United States  
Corn*

## Compliance without compromise. Nothing answers Tier 4i like our e3™ SCR emission system.

When it comes to meeting EPA Tier 4i standards, we've always been way ahead of our competitors. Massey Ferguson was the first to utilize SCR (Selective Catalytic Reduction) emission technology in agriculture applications. It was developed exclusively for off-road use and has proven itself in high performance automobiles and commercial trucks around the world. Here's why it continues to lead today.

### **Inhales emission. Exhales power.**

With e3, you don't have to give up a thing. In fact, it actually helps our AGCO POWER diesel engines perform more efficiently, stay cooler and last longer. It provides all the energy you need in the form of undiminished power and torque. There are no trade-offs whatsoever.

That's because e3 stays out of the way of what the engine is supposed to do – provide power. This post-combustion, after-treatment process takes place in the exhaust system, so it never interferes with the engine itself. (And there's no downtime for regeneration cycles you find in other processes.) e3 treats the downstream exhaust with Diesel Exhaust Fluid (DEF), which reduces the exhaust to harmless nitrogen and water. It's simple, robust, reliable, and consists of very few parts.

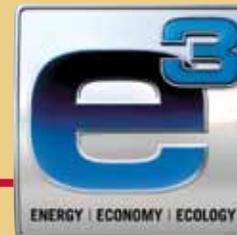
### **Cleaner air, your way.**

If all that weren't enough, it's a fact that SCR systems get up to 10 percent better fuel economy than our previous Tier 3 engines using EGR (Exhaust Gas Recirculation). Think about it: cleaner air, without trade-offs in power, productivity or operating costs. There isn't a more farmer-friendly approach to meeting EPA standards anywhere.

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### What does e3 technology deliver?

- **Optimized fuel combustion**
- **Uncompromised horsepower and torque**
- **Improved fuel economy**
- **A smarter way to meet EPA standards**
- **Engines that run cooler**







## MF9520. All the combine you want. Just the combine you need.

### **9500 Series innovation for mid-size producers.**

The Next Generation in combines begins here. The MF9520 incorporates much of the forward thinking and state-of-the-art technology found on our larger machines (MF9540 and MF9560). Yet it retains many of the features that have been proven in the field for years, and revered by Massey Ferguson combine owners throughout North America.

Devotees love its simplicity and efficiency. Like its hydraulically driven 27.5" (700 mm) diameter rotor with its full power reversing capabilities. It's all still here.

But now its AGCO POWER 8.4 L diesel packs a rated 313 (234 kW) HP and up to 344 (257 kW) HP available as bulge power at 1,950 RPM, and extra boost power when unloading on the go. Thanks to our proven e3 technology, the MF9520 is also Tier 4i compliant for cleaner emissions and improved fuel economy.

Many other features have been integrated into the MF9520. There's a whole new electrical system with fewer connections. The cab is quieter and more comfortable. You'll enjoy the same visibility found in our larger models. It's outfitted with the same fully loaded C2100 Virtual Terminal and ergonomic seating comfort. And you can't help but notice the innovative engine cooling intake screen and system.

But look further into the MF9520. You'll discover a unique combine. One that's classic Massey Ferguson, but reborn with Next Generation thinking.



### **New air cooling system**

**Unique to the MF9520.** It features a hydraulically-driven vacuum wand. Equipped with cleaning brushes, it rotates around the screen and removes chaff and debris from the cooling system and engine air intake. With continuous fresh airflow to the cooling system and air filter, you'll get more hours of harvesting without system maintenance.



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Capacity up. Complexity down.  
How will you describe your next harvest?  
**The MF9540 and MF9560.**  
**The Next Generation from Massey Ferguson.**

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MASSEY FERGUSON



MASSEY FERGUSON  
HYDRO DRIFT

## Our exclusive Trident™ Processor. Greater capacity comes from one great idea after another.

You challenged us to produce more throughput in the processing system without sacrificing grain quality. So on the MF9540 and MF9560, our all new Trident Processor meets that challenge with a gentle, 360° threshing system of brains and brawn. Follow the process and you'll see how each new feature and system, working together, ultimately increases performance, reduces power usage and improves fuel efficiency.

### First things first.

We increased the length of the feederhouse by 6.4" (163 mm). This allowed a larger header drive (fixed or variable speed), providing up to 55% more horsepower to drive larger headers. And a new banded triple v-belt delivers more horsepower to our four-strand feed conveyor chain. The result is increased and smoother crop flow. (As a bonus, the longer feederhouse gives you better visibility of your header.)

### Divide and conquer.

The new segmented feed drum accelerates the crop into another innovation – our multi-zone rotor inlet. It provides more controlled, even feeding to the rotor by dividing the crop into three zones. This reduces bottlenecks, enhances threshing performance and conserves power consumption, even in high-volume conditions.

### All new segmented-element axial rotor.

This stage is all about efficiently controlling crop flow. The rotor now features four overlapping helical rows of segmented replaceable threshing elements. For extra measure, we've added two additional rows of both narrow and wide separation paddles, which are all interchangeable. Combine that with the largest axial rotor in the industry – 140" (3,556 mm) in length and a diameter of 31.5" (800 mm) – and you have improved throughput and separation capacity with lower power requirements.

### "H" Frame support overload protection.

This is yet another Massey Ferguson innovation. The concaves of the Trident Processor are mounted on a spring-loaded frame. This promotes even distribution of the crop, reducing overloads and protecting the concaves from damage in high-stress load situations.

### Easy-change concaves.

Each combine is equipped with 12 concave sections. They're available in small wire, large wire and round bar so you can adjust to different crops and conditions. You can even customize the machine from side to side. And each section is easily and quickly replaced without assistance.



### New segmented-element axial rotor

To promote throughput, the rotor has four overlapping helical rows of segmented threshing elements, and two overlapping rows in the separation stage. If needed, slow speed, high-torque reversal of the rotor and the entire machine, including the feed drum, can be controlled from the C2100 Terminal inside the cab.



### Separation options

The narrow and wide separation paddles are replaceable and interchangeable for different crops and conditions. Optional aggressive threshing elements are available for tough straw conditions.



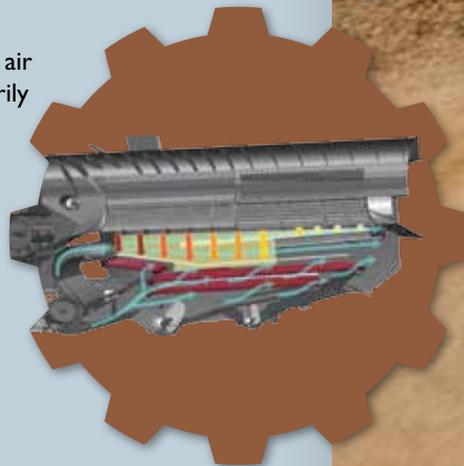
### Multi-zone rotor inlet

Creates even, controlled feeding to the rotor via three zones. Promotes threshing performance while conserving power consumption.

## An all new cleaning system. The secret is in the air.

Every combine uses air to clean its grain. But nothing like this. The MF9540 and MF9560 incorporate an innovative multi-stage stratified cleaning process using forced air to clean, clean and then clean some more. The 9,455 sq. in. (6.10 m<sup>2</sup>) of cleaning area is anchored by a dual-outlet fan and shorter grain pan. This allows for full-length cleaning and less sensitivity to field slopes.

- In the first stage of this process, the 13" (330 mm) Max Flow™ fan performs upper cleaning over the full length of the processor to remove chaff, straw and MOG (material other than grain) as it falls through the processor concaves and separation grates.
- Additional airflow provides enhanced cleaning in the precleaner, chaffer and sieve. Here the forced air is directed into separate zones from front to back, so lighter material rides the airflow out of the machine.
- In addition, with the rotor positioned directly above the cleaning shoe, the need for auger beds or discharge beaters found in other combines is eliminated. The shorter grain pan allows the new stratified upper airflow cleaning to perform the full length of the processor, yet catches stray kernels separated in the rear of the rotor.
- We've added two new residue options. The maximum air velocity (MAV) straw chopper delivers an extraordinarily fine cut, and it is unsurpassed in spread width. A new two-speed drive system allows easy changes between crops. And the chopper rolls back easily to allow installation of another new option – an adjustable windrow-forming kit for easier baling.





**New 24-foot unloading auger**

An option well worth considering when using our 40-foot DynaFlex header.

**More clean grain in, more clean grain out.**

Massey Ferguson has always set the bar for moving grain faster into the grain tank. The MF9540 and MF9560 raise it again.

The key is the clean grain cross auger. We've increased its size from 8" to 10" Along with other grain elevator improvements, it allows up to 60% more grain flow – especially in high-yield conditions – to prevent bottlenecks.

When it comes to unloading, our direct high-volume design still reigns. Whether unloading on the go or at the end of the field, no other system is faster or more efficient. That's because we've always used fewer augers, and still do. The grain moves directly inline, instead of the harsh 90° turns of turret designs used by most manufacturers. It's easier on the grain and moves product more efficiently.

In addition, we've incorporated a new mid-mount bearing and direct drive, making an unequalled unloading system even smoother and quieter. You can also opt for our new 24-foot unloading auger, which gives you more reach when using our larger 40-foot DynaFlex header.

So how fast is fast? Conditions vary, but from the 350 bushel (12,334 L) grain tank, these combines have consistently reached a peak unloading rate of 4.5 bu/sec (158 L/sec). Regardless, one thing's for sure. The less time you spend unloading, the more time you can spend harvesting.

## MF9540 and MF9560 Drives: Embracing simplicity. Reducing complexity.

With all its cutting-edge technology, this combine is a simpler machine. It has been radically rethought and reengineered to rely on high-capacity, mechanical belt drives for more direct and efficient power transfer to major components.

All told, the simplified drive system uses only 14 main machine belts and four drive chains. This minimalist design reduces power requirements, belt slippage and wear or failure. As a result, you have a more reliable combine that's intelligently designed and powered, easier to maintain, and less costly to service.

### **Simpler, efficient driveline design.**

The engine on the MF9540 and MF9560 is now positioned inline with the rotor. The heavy duty drive belt system ensures more efficient power transfer to the highest load - the rotor. Same goes for the secondary drives. The header, feeder, cleaning fan, and elevators are on one system, the straw chopper on another – but they're all directed through one gearbox. Making power transfer throughout the combine more direct and efficient.

### **Reversible rotor – and more.**

The variable speed rotor drive features a hydraulically actuated speed variator and two-range gearbox. It lets you set your rotor speed for any crop or condition, and also allows a slow speed, high-torque reverse of the rotor as well as feed drum, augers and elevators. And it's all done from your C2100 Terminal.

### **Easy-control variable speed cleaning fan.**

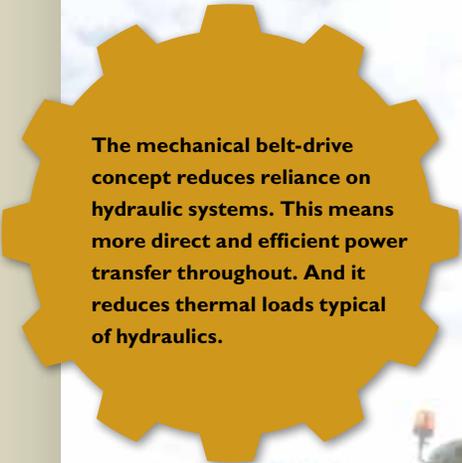
This belt-driven system gives you ultimate control of the cleaning fan. From the cab, you can also utilize the air inlet choke to adjust airflow for lighter crops – without changing pulleys or belts on the fan drive.

### **Transmission: more speed options on the go.**

The constant mesh, four-speed transmission offers more field speed options and fast transport speeds. The new standard 2-speed hydrostatic ground drive gives you 8 effective ranges plus you can now shift between high and low while on the go in any of the four mechanical gear ranges.

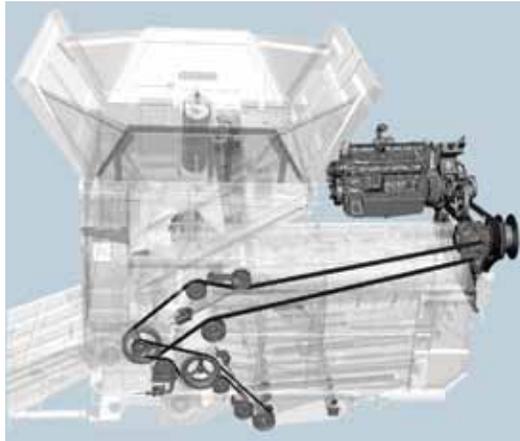
### **Quieter unloading auger drive.**

The shaft-driven unloading system transfers power directly to the main unloading auger. Because the belt engagement is near the engine, it reduces noise and vibration.



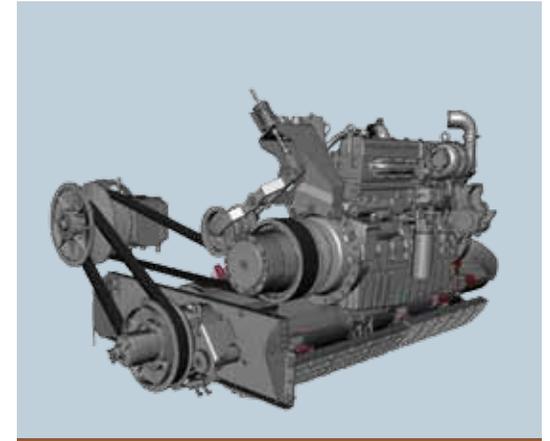
The mechanical belt-drive concept reduces reliance on hydraulic systems. This means more direct and efficient power transfer throughout. And it reduces thermal loads typical of hydraulics.





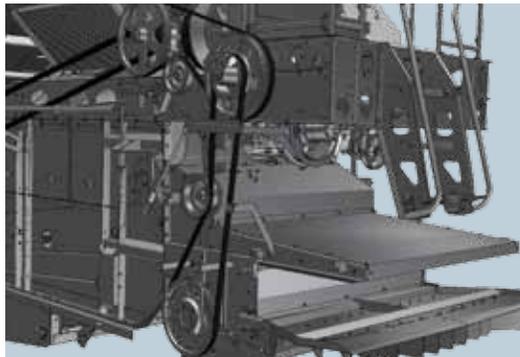
#### Clean grain system drive

This system is driven from the left side of the machine where power flow starts at the pitman shoe drive. Power is then transmitted to the clean grain cross auger, then onto the elevator and grain tank fill auger. Only three belts are required to transmit power from the engine tail shaft to the return elevator drive sheave.



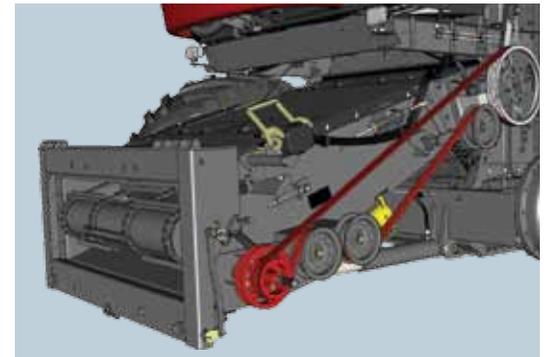
#### Inline rotor drive

With the smooth, controlled engagement of a hydraulically actuated two-stage clutch, power is efficiently directed from the engine through a high capacity belt drive system.



#### Chopper drive

This system allows the chopper speed to be changed easily by simply rolling back the chopper. This releases the belt tension and allows the belt to be removed or switched between the two speed options without the need to switch pulleys.



#### Feed conveyor drive

In addition to the longer feeder house and increased header drive capacity, the capacity of the feed conveyor drive is also increased with a banded triple v-belt for tough conditions. The speed of the conveyor is easily changed for different crop types.

## How cool is that!

**Our exclusive V-Cool™ System leaves their old-school designs in the dust.**

It's no secret the hot and dirty environment of harvesting is tough on your engine and its performance. Likewise, the daily chore of cleaning the cooling system and air filter is tough on you.

So our engineers created another Massey Ferguson first to prevent heat buildup and help keep the cooling system running at optimum efficiency. Our V-Cool System is so remarkably simple, you'll wonder why nobody thought of it before.

**V-COOL™**  
SYSTEM



**“That auto-reverse function of the cooling fan is a stroke of genius. I harvested my entire crop without the manual cleaning I used to do twice a day.”**

*Farmer  
Saskatchewan, Canada  
Canola, Wheat & Barley*

### **Going with the flow.**

On the typical combine, the engine radiator, air conditioning, hydraulic air coolers and air-to-air intercooler are stacked together. On the MF9540 and MF9560, they're uniquely arranged in a V-shape. This allows unrestricted single-pass airflow to circulate through each cooler. Because the engine air intake is pulled from the V-Cool area, this also promotes longer filter life and better performance.

### **Variable speed fan.**

Another innovation is the drive on the engine cooling fan. The hydraulic fan drive automatically adjusts to maintain the engine's optimum temperature. The fan runs continuously, but only speeds up when necessary. This improves machine performance because engine power otherwise used to operate the cooling fan is available to drive other areas like the Trident Processor. It also saves fuel in lighter crop conditions.

### **Clean the intake screen on the fly.**

How often do you blow out the cooling system during harvest? Once, twice a day? What if your combine did that for you? The V-Cool cleaning fan actually reverses to clean the intake screen while you keep working. It works automatically every 15 minutes – or sooner if chaff accumulates on the screen. It extends the life of your engine and air filter. And just imagine the time you'll save each day.



#### **V-shaped cooling unit arrangement**

This unique configuration allows more single-pass, cooling airflow through the units. This eliminates the buildup of heat and trapped debris from coolers being stacked in front of one another.



#### **Auto-reverse function**

While you keep working, the variable speed fan reverses and blows dirt and chaff from the inlet screen, eliminating the need for a rotary screen or brush.

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## Heads, you win.

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Everything starts up front. Your header completes your combine. With the increased capacity of the 9500 Series combines, you'll want a header that lives up to the challenge and provides the performance that will help make every harvest the best one yet. So Massey Ferguson offers a full range of heads and attachments. No matter your crop, we'll keep you ahead of the game.



**Corn. Soybeans. Wheat.  
Barley. Canola. Whatever  
your crop, Massey Ferguson  
has spent years perfecting  
how to meet it head-on.**





## MF9250 DynaFlex header: the best of both worlds.

You'll find the same level of capacity, control and power efficiency you enjoy in our new combines in our MF9250 DynaFlex flexible cutterbar draper header. It's unique because it provides all the flexibility of an auger-style flex header while giving you the gentle and fluid material handling of a draper header. Designed and built for Massey Ferguson combines, it connects directly to every model in our 9500 Series – no adapter needed.

The DynaFlex literally swallows up your field with every pass. Its cutting width stretches out to 40 feet (12.2 m). The flexible, cab-controlled cutterbar, in conjunction with our Smartrac™ lateral tilt, provides up to eight inches (203 mm) of vertical travel for ground-hugging harvesting. It can pick up low-hanging pods and downed crops as easily as it does standing grain. You can also control the fore-aft pitch in a range of 12° for the best cutting angle.

Independent tilt arms, located every 30 inches (76.2 cm) across the header width, are hydraulically controlled with a range of 0 to 3,000 psi for precise fingertip control and smooth, even adjustment. Yet, with the flip of a switch, the header can be converted to a rigid unit for crops like wheat and barley.

DynaFlex offers a choice of two sickle designs. (You can also choose knife serrations.) The dual, shaft-driven SCH (Schumacher) epicyclical sickle drives provide up to 400% more torque than conventional drives. That means smooth, positive power and increased cutterbar performance. From there, fiberglass-reinforced drapers convey the crop to the center draper where a center-feed auger actively feeds the crop "headfirst" into the feederhouse.

Witness the DynaFlex in action and you'll see the difference: faster cutterbar speeds, smooth crop flow, reduced vibration and virtual elimination of bottlenecks at the feederhouse. It all adds up to faster harvesting and more efficient use of power. Even better, you'll have a header that can live up to the increased capacity of your 9500 Series combine.

SIZE FT (M)	SICKLE DRIVE	WEIGHT [W/REEL] LBS (KG)
25 (8.2)	Single Drive	4,990 (2,241)
30 (9.1)	Dual Drive	5,770 (2,617)
35 (10.6)	Dual Drive	6,610 (2,998)
40 (12.19)	Dual Drive	7,350 (3,33)



**Eight degrees of tilt**  
One large double-acting hydraulic cylinder powers the Smartrac lateral tilt frame, which pivots a total of 8° to complement the ground-hugging capabilities. Standard feature on all models.

### Smartrac™ keeps your headers in line. Effortlessly.

It's always a challenge to keep headers in just the right position when harvesting over rolling terrain or terraces. But Massey Ferguson's exclusive Smartrac takes the guesswork out of getting it right – and keeping it right – automatically.

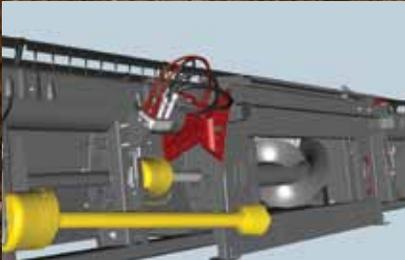
### Smartrac Header Sensors.

More sensors means more control. Automatic Header Height Control (AHHC) and Smartrac lateral tilt are monitored and controlled by up to six sensors directly attached to the tilt arms. This ensures that the entire header width is monitored and the height and tilt adjust to ground contours to avoid header damage.



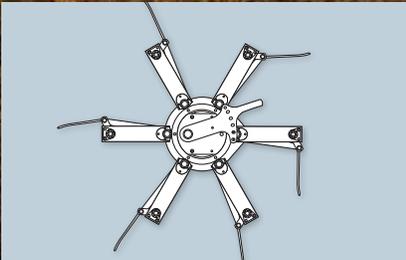
**Dual sickle drive**

A dual mechanical SCH epicyclic sickle drive is balanced for reduced vibration, higher sickle speed (1,200 strokes/min) and up to 400% increase in cutting torque.



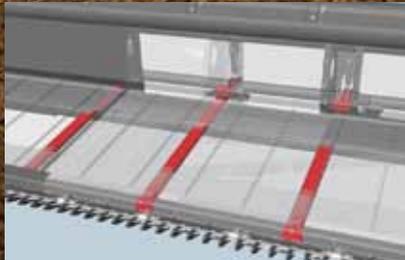
**No adapter needed**

The MF9250 DynaFlex hooks directly to the combine feederhouse without any adapter in between.



**Bat flip-over feature**

Now standard and factory-installed, it reduces crop wrapping so you can start earlier and run later into the evening in tough crop conditions.



**Flexible cutterbar**

The fully flexible cutterbar is controlled hydraulically from the cab and allows for up to 8 in. (203 mm) of vertical travel.

No matter the field, we're heads above the rest.





SIZE		ROW SPACING		
6 rows: in. (m)	30 (0.762)	36 (0.914)	n/a	
8 rows: in. (m)	30 (0.762)	36 (0.914)	38 (0.965)	
12 rows: in. (m)	20 (0.508)	22 (0.559)	30 (0.762)	

### 3000 Series Corn Heads

The low feed angle plus the low-profile poly snouts of our MF3000 Corn Heads will make harvesting your down and tangled crop easier. The electrically adjusted stripper plates let you minimize header loss and maximize performance on the go. Reversible stalk roll flutes and individual row units are slip clutch-protected to reduce maintenance costs and downtime.



HEADER WIDTH FT. (M)	PICK-UP WIDTH FT. (M)
13 (4.0)	14 (4.3)
15 (4.6)	16 (4.9)

### 4200 Series Pick-Up Heads

Designed for the 9500 Series, our 4200 Series “Swathmaster” Pick-Up Heads all provide excellent crop feeding by positioning the header cross auger close to the feed conveyor chain. In addition, a slip clutch is integrated into the header drive shaft. This helps protect the header and its drive system, reducing repair and maintenance costs down the road.



MODEL	TYPE	HEADER WIDTHS FT. (M)		
MF7200	Rigid cutter bar	25 (6.1)	30 (9.1)	35 (10.6)
MF8200	Flex cutter bar	25 (6.1)	30 (9.1)	35 (10.6)

### 7200 Series Rigid Head & 8200 Series Flex Head

Our MF7200 Rigid and MF8200 Flex straight-cut heads are tough, durable performers loaded up with features for high-yield conditions. Both heads have a fully welded main frame. And with the SCH epicyclical sickle drive, you’re assured of smooth, inline, high-torque cutting action for a high-speed harvest.

The large 30" (762 mm) diameter cross auger with full-width auger fingers smoothly conveys even the highest yielding crop, and assures even crop flow into the combine.



## A combine that's simpler to operate should be simpler to service.

Much of the simplicity of every 9500 Series combine is best appreciated when it's not running. From day one, accessibility for service and maintenance has been factored into the entire line. So you'll find servicing your combine is faster and easier than ever.

The large side panels offer you complete visibility of the left-side and right-side drive systems and components for easy inspection and maintenance.

On the MF9540 and MF9560, a lightweight aluminum ladder, stored at the rear of the combine, lets you conveniently work at various service points around the machine. The ladder attaches to rails strategically located on the combine so you always have secure access. For example, open the right-side panel and you can easily service engine components and the oil filter.

After all, it only makes sense that a combine created to be less complex would be easier to keep going, day in and day out.



**Dual OPTIMA® RedTop® batteries\***  
Ensures your combine will start every time. These high performance AGM batteries are the ultimate high-CCA starting battery designed to deliver the strongest 5-second ignition power. The exclusive 12/24 control system allows 24-volt starting power with a 12-volt operating system.



**Larger air filter**  
Conserve fuel and reduce service intervals, thanks to a large fresh air intake through the V-Cool system and a belt-driven aspirator to positively remove dust before entering the filter. The filters are easy to access and service when necessary.

\*RedTop® is a registered trademark of OPTIMA® Batteries.

### A better combine deserves better parts.

Genuine Massey Ferguson replacement parts are manufactured to the same high standards of quality and dependability as the original part used on the assembly line. Using original equipment parts will help keep your Massey Ferguson combine running like new. Parts are available at [www.agcoparts.com](http://www.agcoparts.com) 24/7.

### A great deal starts with a great dealer.

If you're like most farmers, when you find that perfect piece of equipment that's so vital to the success of your farm and your business, it becomes almost like part of your family. And when you buy a Massey Ferguson 9500 Series combine, you instantly become part of ours.

Our network of dealers understand the importance of your purchase and will advise and support you through every step of the selection and buying process as well as operation and maintenance. Most importantly, your Massey Ferguson dealer is continually focused on minimizing your downtime – especially during harvest – and knows that the availability of parts and competent, well-trained mechanics is critical. Our dealers share your passion for farming, and they're happy to share their knowledge and time.

### Even our warranty is high performance.

Simple and easy to understand, our Header to Spreader warranty covers you for two years/2,000 hours. This warranty applies to all new Massey Ferguson 9500 Series combines and related attachments. Full details are available at your Massey Ferguson dealer.

Enjoy our exclusive publication that offers insights into all the joys – and challenges – of rural life.



Questions? Go to [masseyferguson.us](http://masseyferguson.us)

Our website opens the door to all sorts of technical information and product specifications. If you can't find what you're looking for, click on "contact us" and we'll provide you with access to folks who can get you all the answers.

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## Specifications

MODEL	9520	9540	9560
<b>Feeding System</b>			
Chain size	3-strand HD #557	4-strand HD #557	4-strand HD #557
Variable-speed header drive	Optional	Optional	Optional
Feed reverser	Electro-hydraulic	Electro-hydraulic	Electro-hydraulic
Housing width in. (mm)	44.1 (1,121)	55.4 (1,408)	55.4 (1,408)
Lateral tilt	Standard	Standard	Standard
Rock protection	Standard stone trap	Standard stone trap	Standard stone trap
<b>Threshing / Separation</b>			
System	Rotary	Rotary	Rotary
Concave type	7 section high wire	6 split-section high wire	6 split-section high wire
Concave overload protection	NA	Spring-dampened	Spring-dampened
Concave / grate area in. <sup>2</sup> (m <sup>2</sup> )	2,205 (1.42)	2,115 (1.36)	2,115 (1.36)
Separating area in. <sup>2</sup> (m <sup>2</sup> )	2,232 (1.44)	3,420 (2.2)	3,420 (2.2)
Rotor type	Long-bar element	Segmented element	Segmented element
Rotor diameter in. (mm)	27.5 (700)	31.5 (800)	31.5 (800)
Rotor length in. (mm)	140 (3,556)	140 (3,556)	140 (3,556)
Drive type	Hydrostatic / 2-speed	Variable belt / 2-speed	Variable belt / 2-speed
Drive speed, low range (rpm)	175-755	264-709	264-709
Drive speed, high range (rpm)	175-980	460-1235	460-1235
<b>Cleaning System</b>			
Cleaning stages	2	3	3
Pre-cleaner area in. <sup>2</sup> (m <sup>2</sup> )	837 (0.54)	992 (0.64)	992 (0.64)
Chaffer area in. <sup>2</sup> (m <sup>2</sup> )	3,704 (2.39)	4,588 (2.96)	4,588 (2.96)
Sieve area in. <sup>2</sup> (m <sup>2</sup> )	3,131 (2.02)	3,875 (2.50)	3,875 (2.50)
Total area in. <sup>2</sup> (m <sup>2</sup> )	7,672 (4.95)	9,455 (6.10)	9,455 (6.10)
Cleaning fan type and diameter in. (mm)	Transverse, 11 (279.4)	Transverse, 13 (330.0)	Transverse, 13 (330.0)

<b>MODEL</b>	<b>9520</b>	<b>9540</b>	<b>9560</b>
<b>Grain Handling System</b>			
Grain bin bu. (L)	300 (10,570)	350 (12,334)	350 (12,334)
Unloading auger diameter in. (mm)	15 (381)	15 (381)	15 (381)
Average unload rate bu/sec (L / sec)	4.0 (141)	4.0 (141)	4.0 (141)
Unloading auger length from center line in. (m)	292.6 (7.4)	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)	171.2 (4.34)	Std. 171.2 (4.34) Opt. 179.8 (4.6)	Std. 171.2 (4.34) Opt. 179.8 (4.6)
<b>Crop Residue Disposal</b>			
Straw chopper (optional)	2-speed high-velocity	2-speed MAV	2-speed MAV
Straw spreader	2-speed	2-speed	2-speed
Hydraulic chaff spreader	Optional	Optional	Optional
<b>Engine</b>			
Engine model	AGCO POWER 84 AWI	AGCO POWER 98 ATI	AGCO POWER 98 ATI
Displacement in <sup>3</sup> (L)	513 (8.4)	598 (9.8)	598 (9.8)
Number of cylinders	6 / inline	7 / inline	7 / inline
Horsepower @ 2,100 rpm SAE (kW)	313 (234)	370 (276)	460 (343)
Fuel tank capacity gal (L)	230 (870)	230 (870)	230 (870)
<b>Drive / Propulsion System</b>			
Transmission (variable / manual)	Hydrostatic / 4-speed	2-speed hydrostatic / 4-speed	2-speed hydrostatic / 4-speed
Tread width standard / reversed in. (m)	120 / 145 (3.05 / 3.68)	120 / 145 (3.05 / 3.68)	120 / 145 (3.05 / 3.68)
Steering axle tread width - standard axle in. (m)	119 / 143 (3.02 / 3.65)	119 / 143 (3.02 / 3.65)	119 / 143 (3.02 / 3.65)
Steering axle tread width - RWA in. (m)	121 / 145 (3.073 / 3.683)	121 / 145 (3.073 / 3.683)	121 / 145 (3.073 / 3.683)
Steering axle turning radius w/o brakes in. (m)	253 (6.43)	253 (6.43)	253 (6.43)
<b>Hydraulic System</b>			
Hydraulic pump	Piston / variable disp.	Piston / variable disp.	Piston / variable disp.
Hydraulic reservoir capacity gal (L)	8.3 (31.4)	22.5 (85.2)	22.5 (85.2)
<b>Cab and Controls</b>			
Standard seat	High-back cloth	High-back cloth	High-back cloth
Optional seat	High-back leather, heated	High-back leather, heated	High-back leather, heated
Seat suspension	Pneumatic	Pneumatic	Pneumatic
Interior volume ft <sup>3</sup> (m <sup>3</sup> )	121 (3.4)	121 (3.4)	121 (3.4)



## Capacity without complexity.

This is the Next Generation from Massey Ferguson. This is where bold new ideas meet proven, time-honored practices. Where new technology meets power and rugged durability. Where it's all about capacity, not complexity. This is the 9500 Series. From our family to yours.



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to the family.



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