



MASSEY FERGUSON



MF 8700 S SERIES

270-400 HP


BIG POWER FOR
BIG OPERATIONS



MF 8700 S SERIES

**READY FOR
ANYTHING.**

MEET THE TRACTOR WITH THE PERFORMANCE AND VERSATILITY TO TACKLE ANY JOB YOU THROW AT IT. FROM ROW CROPS TO PLANTING, DAIRY OPERATIONS OR HAULING, THIS MEAN MACHINE WON'T QUIT UNTIL YOU'RE READY TO CALL IT A DAY.



4 THIS IS YOUR BREED OF TRACTOR



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THIS IS YOUR BREED OF TRACTOR.

ULTIMATE COMFORT FOR MORE PRODUCTIVE WORKDAYS

- » Comfortable panoramic cab with 360-degree visibility, plenty of room and reduced outside noise.
- » Ergonomic and easy-to-use controls.
- » Available with two specifications packages to meet your needs.
- » New working light package with 14 LED lights extends the working day into night.
- » Suspended front axle gives operators a smooth ride for long days in the field.

MORE POWER AND EFFICIENCY BRINGS MORE TRACTION

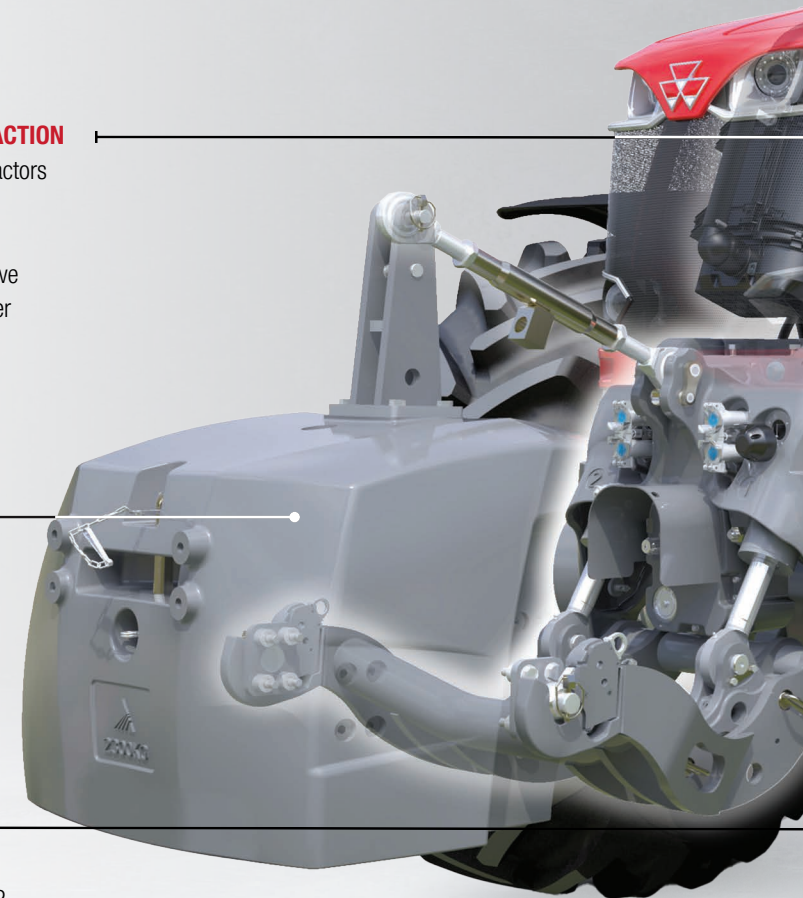
- » With up to 400 HP, these are the most powerful tractors ever made by Massey Ferguson — designed for ultimate output and low running costs.
- » CYCLAIR™ system designed to match the impressive power output produced by industry-leading 8.4-liter AGCO Power™ engines.

MINIMUM WEIGHT OF 10.8 T

- » With a minimum weight of just 10.8 tons, the MF 8700 S Series is up to 4 tons lighter than others in its class. This allows you to use ballast to precisely and efficiently achieve your desired weight.

TIRE OPTIONS

- » An 84-inch rear wheel diameter enhances traction, reduces soil compaction and maximizes performance. A Michelin® AxioBib® 2 tire option puts more lugs in contact with the soil, creating “mini tracks” that lengthens the footprint by 26%, distributes the weight more effectively and improves traction by up to 28%, creating a better footprint for your soil.





DATATRONIC 5 TERMINAL PROVIDES THE LATEST USER-FRIENDLY PRECISION FARMING PACKAGE

- » The Datatronic™ 5's 9-inch touch-screen terminal provides a more intuitive and precise farming experience.
- » MF Guide solutions save money by reducing overlaps.
- » MF Section and Rate Control allow you to adjust the application rate on the go, while automatically minimizing overlap, skips and wasted product.
- » MF TaskDoc® creates and sends securely detailed records of jobs between the field and office.
- » MF Connect telemetry for fleet performance and usage management.

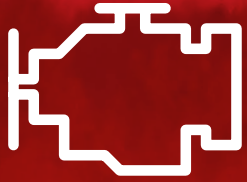
EFFICIENT DRIVELINES BRING HIGHER PRODUCTIVITY

- » The Dyna-VT™ transmission with engine power management delivers more power when it's needed most.
- » Perfect engine/transmission combination provides maximum outputs.

THE ULTIMATE IN PRODUCTIVITY.

The MF 8700 S Series puts the power in powertrain. It starts with a powerful Tier 4 Final AGCO Power 8.4L engine that works better, faster, cleaner and cooler to provide more lugging ability while using less fuel. It ends with the most advanced CVT on the planet — the exclusive Dyna-VT. Our flexible, efficient, easy to-use CVT puts more power to the ground, while still being efficient with its fuel.





AGCO POWER ENGINE

AUTOMATIC LOW IDLE SYSTEM — Cuts engine revs to save fuel when idling while improving noise level in the cab for better operator comfort.

OPTIMIZED HIGH-PRESSURE COMMON RAIL FUEL INJECTION — Limits the emissions of particulate matter (PM), meaning there is no need to fit a diesel particulate filter to meet the latest T4 requirements.

INVISIBLE TECHNOLOGY — All aftertreatment components are conveniently located under the hood for little to no impact on maintenance, visibility, ground clearance, fuel tank capacity, access or design.

EFFICIENT AND SMARTLY DESIGNED COOLING PACKAGE — The CYCLAIR system and new air filter installation guarantee durability.



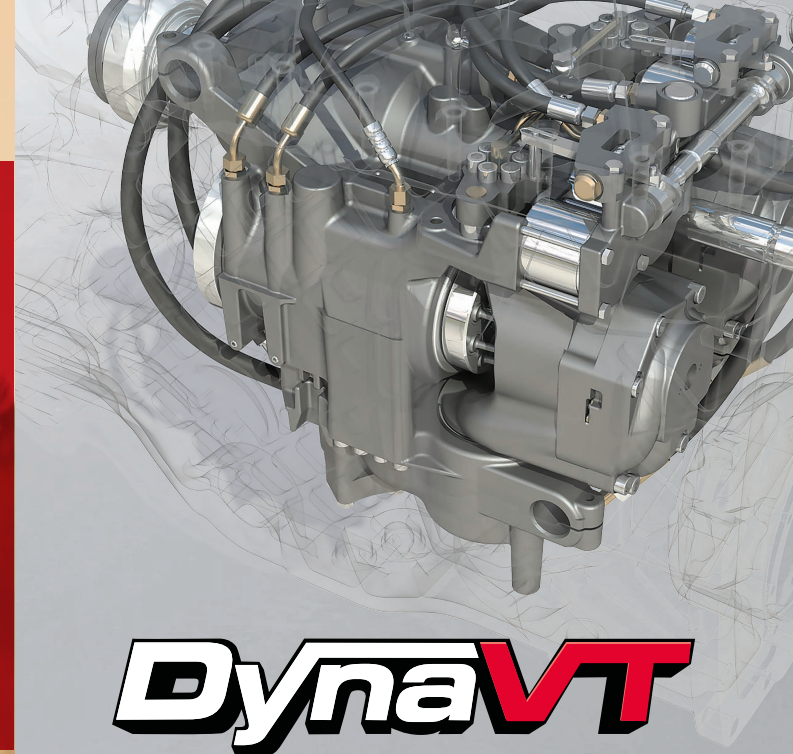
DYNA-VT TRANSMISSION

MULTIPAD JOYSTICK — With the Command Control armrest and the MultiPad joystick, a multitude of functions can be controlled in the palm of your hands. That's power with precision.

CRUISE CONTROL AND SUPERVISOR — These tractors are fitted with an engine speed "supervisor," which automatically reduces forward speed, maintaining engine power and speed. It can store two speed settings, so the tractor is always working at its optimum.

SIMPLE, MULTIFUNCTION POWER CONTROL — The power control lever provides convenient three-in-one, straightforward operation. Operators can shift between forward, reverse and neutral, leaving the right hand free to operate the rear linkage or implement hydraulics.

SEPARATE OIL RESERVOIR — The CVT transmission and auxiliary hydraulic oil reservoirs are separated, eliminating the risk of cross contamination.



DynaVT

THE TRANSMISSION WITHOUT LIMITS

The Dyna-VT transmission includes: ▼

- » 0.03 to 31 MPH
- » Two speed ranges optimize torque for different applications
- » Lever, pedal or automatic control
- » Active stop
- » Turbo clutch on/off
- » Shuttle aggressiveness adjustment
- » Dynamic Tractor Management (DTM) maintains the set travel speed by automatically adjusting the power (engine speed) according to load
- » Pedal aggressiveness adjustment
- » Switch between cruise speeds (C1 and C2)
- » Brake pedal to neutral feature

DATATRONIC 5

THE NEW TOUCH OF PRECISION.

The MF Datatronic 5 touch-screen terminal is intuitive yet advanced. The MF Guide feature gives you absolute precision from your choice of correction signals, and the MF ISOBUS MultiPad is comfortable while delivering maximum efficiency.





FULL TRACTOR FUNCTION MANAGEMENT and optimization features such as transmission, engine and hydraulics. The dual control system allows the operator to simultaneously manage multiple screens, such as guidance and tractor functions, allowing for ultimate control of the tractor and implements.



VIDEO MODE displays pictures from an on-board camera via the console screen, allowing operators to monitor complex implements or simply improve safety and efficiency when reversing.



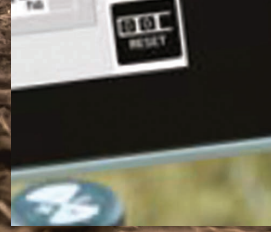
AUTOMATIC HEADLAND MANAGEMENT SETTINGS include the fifth-generation Datatronic 9-inch touch-screen terminal — which comes standard. Developed exclusively by Massey Ferguson.



ISOBUS allows an implement manufacturer's control system to be displayed on the terminal screen, saving owners and operators time and money, with no need to install additional monitors in the cab.



ISOBUS MULTIPAD SWITCH ASSIGNMENT allows several implements to be stored to operate via MultiPad, so it can work with all ISOBUS implements currently in the farm fleet.



DATA AND SETTINGS MEMORIZATION stores an unlimited number of user settings and configurations, including information during operation such as fuel use, hours worked and much more.

GUIDANCE OPTIONS TO KEEP YOU ON TRACK.

HANDS-FREE STEERING SYSTEM — Virtually eliminates overlaps to increase field area covered per hour, saving you up to 12% fuel in field operations.

GO MODE FUNCTION — Allows Auto-Guide™ to start up within five minutes for seamless operation after just a few implement and wayline settings.

MULTIPLE FACTORY-INSTALLED RECEIVER OPTIONS — Allow you to choose between the NovAtel® and Trimble® receivers, depending on the accuracy you need.

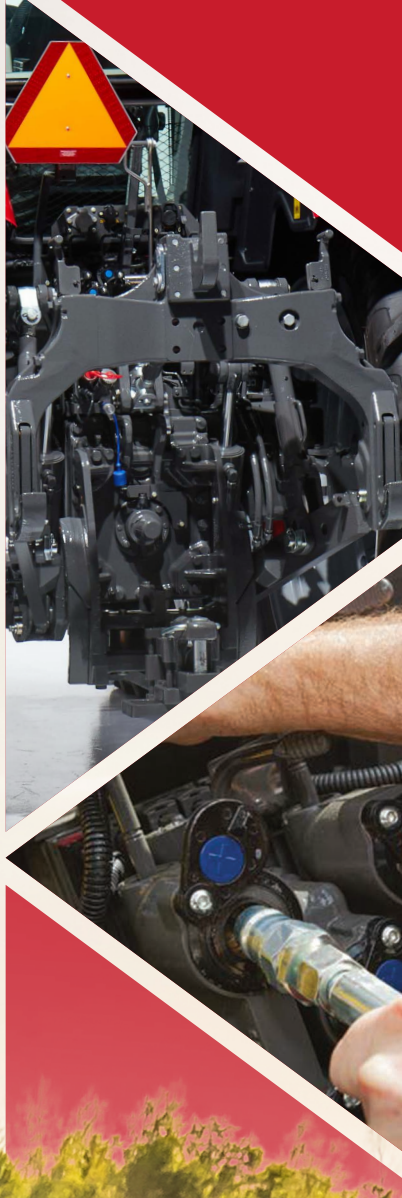
MF TASKDOC PRO — Permits variable rate application based on the needs of the soil or plants, therefore saving operating inputs.

MF CONNECT — Helps you manage your equipment to maximize uptime and productivity, while reducing operating costs.

MF VARIABLE RATE CONTROL — Allows you to manage where and how much of your inputs are being applied specifically for each unique area of your field.

MF SECTION CONTROL — Provides leading-edge capability to automatically control where your product needs to be applied accurately, all from an integrated terminal within easy reach of your input.





STANDARD ACTIVE TRANSPORT CONTROL

Fitted as standard, Active Transport Control is a shock-absorbing system that is automatically adjusted for different implement weights for smoother, safer, faster transport and a reduced risk of damage to the tractor and its hydraulic system.

POWERFUL BRAKING SYSTEMS

The braking system is as beefy as the rest of its hydraulic arrangement. Reassuring, fade-free braking comes courtesy of oil-immersed, power-assisted disc brakes, while air brakes for trailed equipment are an option.

THE ULTIMATE IN DRAFT CONTROL ACCURACY

Massey Ferguson continues to lead the way in electronic linkage control (ELC). The MF 8700 S Series tractors provide excellent weight transfer, traction and workrates, while reducing wheelslip, tire wear and fuel consumption.

HEAVY-DUTY FRONT AND REAR LINKAGES

With a rear linkage lift capacity of 26,455 pounds, there are few tractors in this power bracket that can match the MF 8700 S Series for the ability to lift heavy implements.

A COMFORTABLE OPERATOR IS A PRODUCTIVE OPERATOR.

NEW DASHBOARD WITH SIS — SETUP AND INFORMATION SCREEN

A completely new, slim dashboard design provides for easy analysis of operating data. Not only is the new screen 50% larger, but it has a resolution 10 times better and large graphics for easy reading in all light levels.

INTUITIVE CONTROLS

A new control layout follows the familiar Massey Ferguson style, incorporating modules to operate the lights, PTO speed selection and rear linkage settings.



FOUR-POINT MECHANICAL CAB SUSPENSION

Straightforward and dependable for all-day comfort.



LED LIGHTS

The MF 8700 S Series cab is also available with automatic beacon activation on the road, comfort light delay with automatic work light extinction, and illuminated steps.



TECHNICAL SPECIFICATIONS

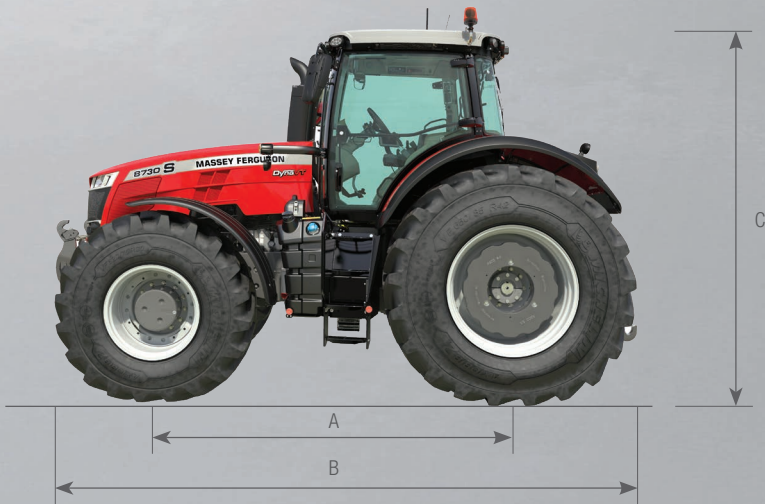
MODELS		8727S	8730S	8732S	8735S	8737S	8740S
ENGINE							
Engine type		AGCO Power					
Number of cylinders/number of valves / capacity	No. / No. / L	6 / 4 / 8.4					
Bore / stroke	in.	4.4" / 5.7"					
Aspiration		2-stage turbocharger with interstage charge air cooler and electrical wastegate at the high boost pressure side					
Injection type		Common rail					
Fan type		Vistronic — variable fan speed					
Maximum engine HP @ 2000 engine rpm		270	295	320	350	370	400
Engine HP @ 2100 rated engine rpm		240	265	290	320	340	370
PTO HP @ 2100 rated engine rpm	HP	205	225	250	275	290	350
Fuel tank capacity	gal.	167					
DEF tank capacity	gal.	16					
Service interval	hrs.	500					
TRANSMISSION DYNA-VT							
Type		Stepless, continuously variable transmission with Dynamic Tractor Management (DTM)					
Field speed range		0.02-17 MPH forward and 0.02-10 MPH reverse (0.03-28 km/h forward and 0.03-16 km/h reverse)					
Road speed range		0.02-31 MPH forward and 0.02-24 MPH reverse (0.03-50 km/h forward and 0.03-38 km/h reverse)					
REAR LINKAGE AND HYDRAULICS							
Lower link type	Category	3 or 4					
Maximum lift capacity, at link end	lbs.	26,455					
Hydraulic type		Closed center load sensing					
Maximum flow	GPM	54					
Maximum pressure	PSI	2,900					
Maximum number of rear spool valves		6					
FRONT LINKAGE AND FRONT POWER TAKE-OFF							
Type		Integrated on chassis with independent valve control, electrohydraulic control					
Lower links type	Category	3					
Maximum lift capacity, at link end	lbs.	11,000					
Maximum no. of front spool valves		2 sets of hydraulic couplers and free return coupler					
Engine speed at 1,000 front PTO speed	rpm	2036					
POWER TAKE-OFF (REAR)							
Operation and control		Electrohydraulic engaged. Start/stop control on armrest and on rear fender, with headland automation					
Speed selection		Electrohydraulic control in cab					
Engine speed at 540 Eco / 1,000	rpm	1577 / 1970					
Engine speed at 1,000 / 1,000 Eco	rpm	1970 / 1605					
Shaft diameter	in.	1 3/8" 6 & 21 splines; 1 3/4" 20 splines					
WEIGHTS							
Average minimum weight with no ballast	lbs.	23,800					
Maximum gross vehicle weight	lbs.	39,683					

PARTS & SERVICE

IT'S ALL ABOUT A LIFETIME OF SUPPORT

Buying, owning and maintaining equipment can be complex. That's why ensuring you have support and peace of mind is always an important consideration. With Massey Ferguson, you can count on personalized, responsive support from our network of dealers. Plus, there's no cutoff time for parts and service, meaning we're available to you throughout the lifetime of your machine.

There's pride and responsibility built into every piece of equipment we sell, and we make it our mission to keep your machine running smoothly, every single time you turn the key.



DIMENSIONS

A — Wheelbase	122.0 in.
B — Overall length from front weight frame to rear linkage arms	218.6 in.
C — Maximum height	138.3 in.

*Specifications are manufacturer's estimates at time of publication and are subject to change without prior notification.



Ask your dealer about AGCO Protection, an extended warranty program that prolongs your coverage and safeguards against the cost of sudden breakdowns.



AGCO replacement parts are made to the same high standards as those used on the assembly line, so your AGCO® equipment will stay running like new. Talk to your dealer or shop at parts.agcocorp.com to find the genuine AGCO parts you need.



Focus on your operation, not on scheduling maintenance. With AGCO GenuineCare plans, your service intervals are predetermined. You'll avoid downtime and be able to better plan your costs thanks to transparent pricing, bundles and discounts.



**AGCO
FINANCE**

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MASSEY FERGUSON

BORN TO **FARM**