

MASSEY FERGUSON



270-400 Max Engine HP
240-370 Rated Engine HP

8700S Series Tractors



MASSEY FERGUSON

8700S Series

FROM MASSEY FERGUSON®
A world of experience. Working with you.

THIS IS YOUR BREED OF TRACTOR.

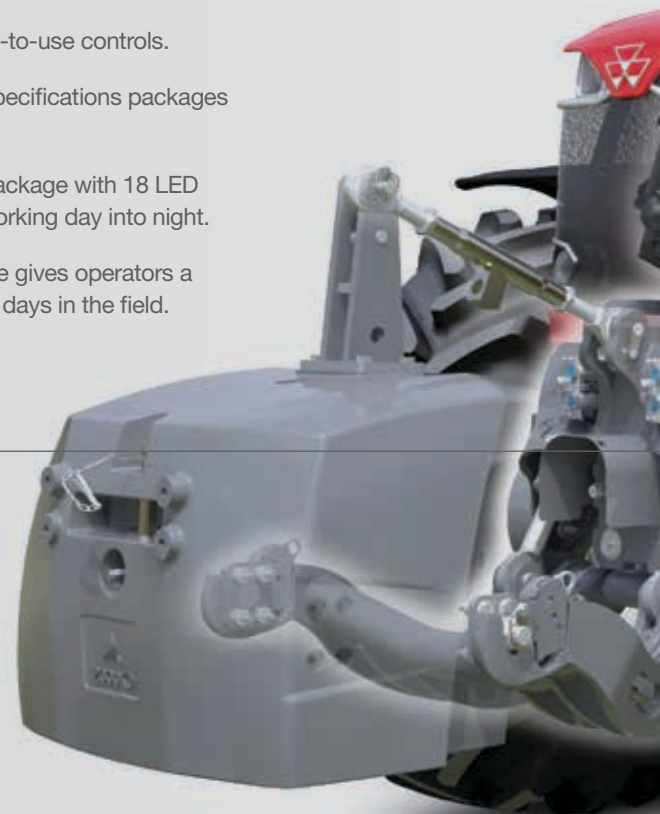


ULTIMATE COMFORT FOR MORE PRODUCTIVE WORKDAYS

- Comfortable panoramic cab with 360° 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 18 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.





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

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

EFFICIENT DRIVE-LINES 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 8700S 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

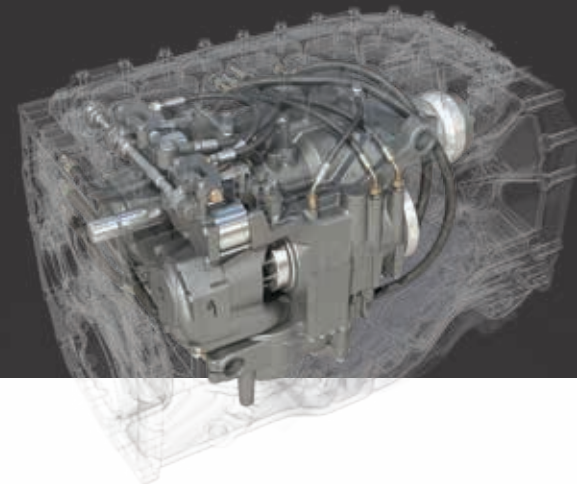
- **Multipad Joystick** — With the Command Control armrest and the Multipad joystick, a multitude of functions can be controlled in the palm of your hands. That's power with precision.
- **Cruise Control and Supervisor** — These tractors are fitted with an engine speed "supervisor," which automatically reduces forward speed, maintaining engine power and speed. It can store two speed settings, so the tractor is always working at its optimum.
- **Simple, Multi-function 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

DYNA-VT HIGHLIGHTS:

- 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 FARMING.



1

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.



4

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.



2

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.



5

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.



3

Automatic headland management settings include the 5th generation Datatronic 9" touch screen terminal — which comes standard. Developed exclusively by Massey Ferguson.



6

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.

MASSEY FERGUSON TASK DOC® PRO — Permits variable rate application based on the needs of the soil or plants, therefore saving operating inputs.

AGCOMMAND AND MASSEY FERGUSON CONNECTED SERVICES — Help you manage your equipment to maximize uptime and productivity, while reducing operating costs.

MASSEY FERGUSON SECTION CONTROL AND VARIABLE RATE CONTROL — Bring the latest in advancements for controlling your implement down to the inch. When inputs need the utmost attention rely on Massey Ferguson Section Control and/or Variable Rate control to put your product where it is needed.

MASSEY FERGUSON 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.

MASSEY FERGUSON 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.

GIVE A LIFT TO YOUR PRODUCTIVITY.



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 8700S Series for the ability to lift heavy implements.

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

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.

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.



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.

NEW DOUBLE ANGLE WING MIRRORS —

These provide a great view behind the tractor and fill in the "blind spot" lower down to the sides for enhanced safety.

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

All MF8700S Series tractors can be equipped with trailer air braking systems and an ABS signal for trailer compliance.

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 @ 2,000 engine RPM	270	295	320	350	370	400
Engine HP @ 2,100 rated engine RPM	240	265	290	320	340	370
PTO HP @ 2,100 rated engine RPM	205	225	250	275	290	350
Fuel tank capacity	gal. 167					
DEF tank capacity	gal. 16					
Service interval	Hours 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, electro-hydraulic 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 2,036					

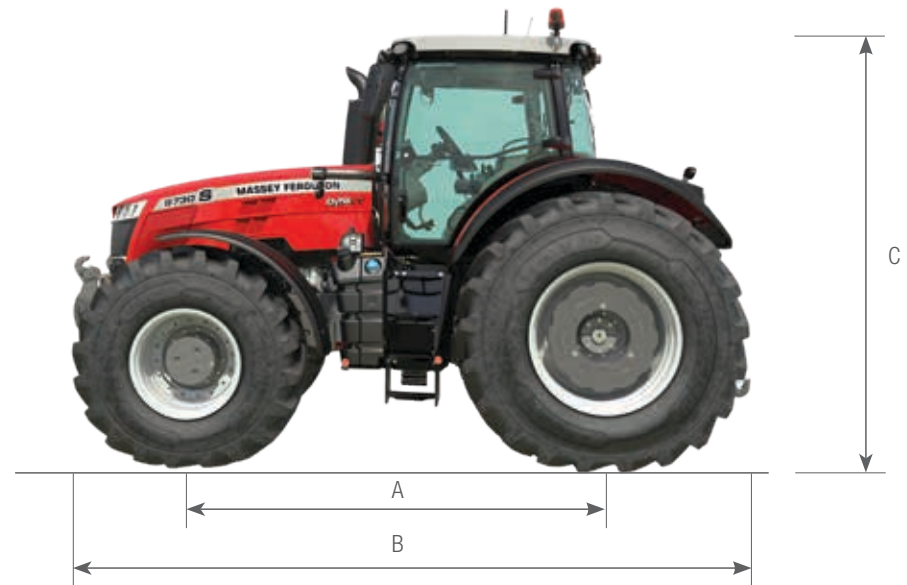
MODELS	8727S	8730S	8732S	8735S	8737S	8740S
POWER TAKE-OFF (REAR)						
Operation and control	Electro-hydraulic engaged. Start/stop control on armrest and on rear fender, with headland automation					
Speed selection	Electro-hydraulic control in cab					
Engine speed at 540 Eco / 1,000	RPM	1,577 / 1,970				
Engine speed at 1,000 / 1,000 Eco	RPM	1,970 / 1,605				
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				

KEY

- ✪ ISO TR14396
- Not available
- * Depending on market legislation

DIMENSIONS

	MF 8700S
A – Wheelbase	122 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.

TWO-YEAR/2,000 HOUR FULL WARRANTY

We've been making tractors for a long time, and we believe in what we make. That's why we offer a two-year powertrain warranty. Some restrictions may apply. Please see dealer for full details.

TOTAL SUPPORT — ALWAYS AVAILABLE

The Massey Ferguson distributor and dealer network comes with the support and service you need to keep working — whenever and wherever you need it.

LOW-RATE, FLEXIBLE FINANCING

With competitive rates and easy terms, your Massey Ferguson dealer and AGCO Finance offer great ways to buy, lease or rent your new machine.

QUALITY PARTS

Genuine Massey Ferguson replacement parts are made to the same high standards as those used on the assembly line, so you can always keep your Massey Ferguson tractor running like new.



SHOW YOUR MASSEY FERGUSON PRIDE

Choose from collectibles, toys, work and leisure wear, accessories and more. Visit shopagco.com today.

AGCO ANSWERS

At AGCO, customer care isn't just a department, it's a commitment. We'll do our best to answer any questions promptly, or put you in touch with someone who can. Call (877) 525-4384 or email agcoanswers@agcocorp.com.



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