

MASSEY FERGUSON



270-370 Max Engine HP  
240-340 Rated Engine HP

8700 Series Tractors



MASSEY FERGUSON

8700 Series

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

# IF YOU'RE ALL ABOUT POWER AND PRACTICALITY, Y



# OUR TRACTOR HAS ARRIVED.



## **YOUR DAILY OBJECTIVE IS SIMPLE: GET THE JOB DONE.**

Quickly and productively. Because time is money.

You need a tractor that gives you power, versatility, efficiency and reliability. At Massey Ferguson®, we've been working alongside farmers like you for nearly 170 years, and pouring those lifetimes of knowledge into constantly improving our tractors.

The 8700 Series tractors are the perfect example. From the hay field to the corn field, from row crops to dairy operations, these tractors have the power and versatility to do it all. Very simply, it's the no-nonsense workhorse you've always wanted.



# THIS IS YOUR BREED OF TRACTOR.

## **THIS IS A TRACTOR THAT WORKS LIKE YOU DO AND THINKS LIKE YOU DO.**

From top to bottom, it's engineered to get the job done. After a century and a half of farming innovation, it's no wonder someone in the world buys a Massey Ferguson tractor every five minutes.

**POWERFUL** — The AGCO Power™ engine provides 270 to 370 max horsepower (up to 400 boosted horsepower in some applications) for more power, more torque and more hydraulics. It's the first high-horsepower tractor built specifically to tackle everything on your farm. From row crop applications to hay and forage to dairy and livestock.

**VERSATILE** — Easy-to-set, on-the-go hydraulics, a multi-pad joystick and the ability to customize your technology provides precision implement control whether you're pulling large planters and tillage tools, or handling heavy manure tanks and large square balers.

**EFFICIENT & RELIABLE** — Whether it's our unique Cyclair™ cooling package, dedicated continuously variable transmission (CVT) oil reservoir or 2,000-hour service intervals, these tractors are built to consume less fuel, provide total fluid efficiency and reduce input and maintenance costs.

**SMART** — Precision farming means covering more ground in less time. Our technology systems consolidate and optimize everything from guidance, steering, telematics and diagnostics, to application controls, yield metering, mobile apps and grain storage monitoring, which helps you run a smarter, more profitable enterprise.

**COMFORTABLE** — Our redesigned, spacious cab with ergonomic B-pillar controls and new control center display provides unmatched visibility, comfort and control. Improved suspension and an intuitive, easy-to-use joystick means you get more done faster, easier and with less fatigue.





## SMART NEW FEATURES.

- New Datatronic™ 5 terminal is now 2" larger with a touchscreen, Bluetooth® and speaker
- New Auto-Guide™ featuring Trimble® and NovAtel® options
- Axle compatible with Auto-Guide
- Full LED light package
- Improved seat design
- Additional toolbox on left side
- External lateral rear-view mirrors
- Check hydraulic braking system fluid level without opening container
- Rear wash wiper
- Cupholder in console
- Sun-blinder
- Additional direct rear linkage controls
- Urea lockable cap



# YOU WON'T FIND A BETTER POWERTRAIN THAN THIS

The 8700 Series puts the power in powertrain. It starts with a powerful Tier 4 Final AGCO Power 84 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 miserly with its fuel.

## AGCO POWER ENGINE

- **ADVANCED ENGINE POWER MANAGEMENT (EPM) SYSTEM** — Though these 6-cylinder, 8.4L power plants range from 270 to 370 horsepower, the EPM can automatically generate up to an additional 30 horsepower for demanding hydraulic, PTO or hauling/transport applications.\*
- **TWIN TURBOCHARGERS** — Highly fuel-efficient with excellent engine response at lower RPMs and the longest sustained torque curve in the business.
- **COOLED EXHAUST GAS RECIRCULATION (cEGR)** — Our industry-leading, third-generation selective catalytic reduction (SCR) technology not only meets strict emissions compliance by using minimal cEGR to reduce total diesel exhaust fluid (DEF) consumption, it also reduces your cost of operation.
- **CYCLAIR COOLING PACKAGE** — Dramatically increases cooling capacity with better airflow and higher-efficiency components.
- **SLEEK HOOD DESIGN** — Optimizes airflow to bring cooler air in through the front while redirecting hot air away from the engine and cab, all while providing superior visibility.

*\*Available when speed is above 0 MPH and when PTO or hydraulic demands are greater than 40 horsepower. Also gradually available when transporting at speeds above 9.3 MPH.*

## DYNA-VT TRANSMISSION

- **INCOMPARABLE CVT** — No clutch packs, no shifting, no clutch burnout.
- **TRUE INFINITE SPEED CONTROL** — Two continuously variable speed ranges for field speeds up to 18 MPH and transport speeds up to 31 MPH. Plus, control engine speed and ground speed independently with forager mode.
- **DYNAMIC TRACTOR MANAGEMENT (DTM™)** — Allows the engine and transmission to communicate and work together to maximize fuel efficiency.



**ONE.**



Learn more at [masseyferguson.us](https://www.masseyferguson.us), or see your dealer for a demo.

**IT CAN DO IT ALL. AND THEN SOME.**



**SILAGE. PACKING. PLANTING.  
DRILLING. TILLAGE. DISKING.  
PLOWING. FINISHING. RIPPING.  
HEAVY LOADER WORK.**







Whether you're planting hundreds of acres, towing grain carts, packing silage bunkers, running a triple mower or any of the other jobs that need doing on your farm, the 8700 Series provides the versatility and flexibility to get them done with one workhorse of a tractor.

- **HYDRAULICS COMING AND GOING** — The 1,000-RPM front PTO and three-point hitch, paired with our standard 1,000/1,000E rear PTO and three-point hitch, always make you as productive as you need to be.
- **17% MORE HYDRAULIC MUSCLE** — Hydraulic capacity has been pumped up to 54 gallons/minute, with a dedicated hydraulic pump and reservoir. We're still the leader in hydraulic flow management, providing the most stable flow possible for precise implement control.
- **TOUGH, BUT SENSITIVE** — The acceleration aggressiveness transmission feature allows you to set the rate of acceleration to match your operational needs. Accelerate slower in row crop operations or reach full speed quickly when traveling from field to field. SpeedSteer allows sharp turns to be achieved with far fewer wheel rotations, so you can make headland or turnrow turns more quickly and easily.
- **PROGRAMMABLE MULTI-FUNCTION JOYSTICK** — The ergonomic design of the programmable multi-function joystick allows you to go from forward to reverse while operating the loader at the same time. You can control the rear linkage, PTO, headland management, spool valves and cruise control, as well as operating the transmission, all with the comfort of using only one hand.

# A COMFORTABLE OPERATOR IS A PRODUCTIVE OPERATOR



10

Even under the most adverse conditions, our dealer network helps keep North America's agribusiness in motion 24/7/365. Combine this level of committed service with AGCO's 24-hour-a-day parts network, and you've got the kind of dealer support you expect.

# RATOR.



**JUST BECAUSE THEY CALL IT WORK DOESN'T MEAN IT HAS TO BE UNCOMFORTABLE.** We believe that the more we can improve an operator's environment, the more we can enhance the performance of your equipment and your crew.

**B-PILLAR SIMPLICITY** — Control work lights, PTO speed, three-point hitch, front axle and cab suspension, front wheel assist and differential lock all from an ergonomically designed B-pillar, built with the operator in mind.

**CREATURE COMFORTS, CONVENIENCE AND MORE** — Little things make a big difference. Like our comfort light delay at the end of the day, power outlets for mobile phones or laptop, radio and CD player, air-suspended swivel seat, telescopic side mirrors and electric de-icing and automatic HVAC.

**COMMAND, CONTROL, COMMONALITY** — Owners and operators want simple, intuitive controls so they can get in and get to work. As they are in our entire family of tractors, controls are easy to learn, easy to use and consistent.

# PRECISION FARMING BEGINS WITH A COMPLETELY C

**FUSE® TECHNOLOGIES**, a bold initiative from AGCO®, consolidates and optimizes all of our technology products and services, from guidance, steering, telematics and diagnostics to application controls, yield metering, mobile apps and grain storage monitoring. So whether you farm row crops or hay, run a dairy farm or livestock ranch, this connectivity can help you run a smarter, more profitable enterprise. [agcotechologies.com](http://agcotechologies.com).



## AgCommand®

See where your machines are and what they're doing with this industry-leading tool. Monitor service intervals and operating costs. Because all vehicle data transfers right to your office or mobile device, you can drive efficiency like never before.

## Auto-Guide

Auto-Guide's electronic auto-guidance architecture gives you deeper machine integration, a streamlined user experience and more choices than any other equipment manufacturer. Choose the best accuracy level and signal source for your unique needs. And now, choose from two additional navigation providers: NovAtel and Trimble. Work faster. Work smarter. Improve your bottom line.

- Better pass-to-pass placement, with submeter-to-centimeter-accuracy that minimizes skips and overlaps
- Better visibility in foggy, dusty or night conditions with the same accuracy
- Reduced fatigue with automated steering
- Perform multiple jobs — implement monitoring, calls, operation management — right from the cab
- Increase working speed, while maintaining precision
- Reduce fuel, labor, chemical, seed and other inputs

## AgControl®

Monitor and control all ISOBUS 11783-compliant implements including balers, planters and sprayers without the need for additional cab monitors or control boxes. Simply plug and play for seamless operation, saving time, money and needless installations.

# CONNECTED FARM.



## THE NEW DATATRONIC 5 TERMINAL: INTUITIVE, SIMPLE, SMART.

Our new control center display is faster, more straightforward and easier to use. The flat design of our 9-in. capacitive touchscreen — with a resolution of 480 x 800 pixels — lets you manage functions with an intuitive user experience, better navigation and better readability. Now available right from the factory on the 8700 Series.

- Easy-to-use buttons with larger fonts and simple, easy-to-recognize icons
- Memory: 4GB
- RAM: 1GB DDR3
- Camera: 1 video input
- Inputs: 4 CAN inputs, 1 USB, 1 ethernet port
- Bluetooth

**FUSE**  
AGCO Connecting Your Farm



# THE ONLY THING BETTER THAN SIMPLE SERVICE POINTS IS FEWER OF THEM.

**THE 8700 SERIES IS ALL ABOUT EFFICIENCY AND RELIABILITY.** From reducing fuel and other input time and costs to lengthening service intervals, these tractors are built to work longer and sit less. Similarly, your local Massey Ferguson dealer is there to support you 24/7 through the buying process, operation, maintenance and service and beyond.

- **25% LONGER SERVICE INTERVALS** — With required service intervals just once every 500 hours, you save time and money.
- **5 EASY-TO-ACCESS SERVICE POINTS** — Routine maintenance is simple and less time-consuming
  - Engine air filter
  - Cab air filter
  - Engine oil/fill check
  - Hydraulic oil/fill check
  - Transmission oil/fill check



# SPECIFICATIONS\*

| MODELS   | 8727  | 8730            | 8732            | 8735            | 8737            |
|--|---|-----------------|-----------------|-----------------|-----------------|
| <b>ENGINE</b>                                      |   |                 |                 |                 |                 |
| Maximum ISO Engine HP @ 2,000 engine RPM (kW)      | 270 (199)   | 295 (220)       | 320 (239)       | 350 (261)       | 370 (276)       |
| ISO Engine HP @ 2,100 rated engine RPM (kW)        | 240 (177)   | 265 (198)       | 290 (216)       | 320 (239)       | 340 (254)       |
| PTO HP @ 2,100 rated engine RPM (kW)               | 205 (151)   | 225 (168)       | 250 (186)       | 275 (205)       | 290 (216)       |
| Type   | AGCO Power 8.4L   | AGCO Power 8.4L | AGCO Power 8.4L | AGCO Power 8.4L | AGCO Power 8.4L |
| Number of cylinders                                | 6   | 6               | 6               | 6               | 6               |
| Displacement liters (CID)                          | 8.4 (514)   | 8.4 (514)       | 8.4 (514)       | 8.4 (514)       | 8.4 (514)       |
| Aspiration   | Twin turbo chargers with eWastegate   |                 |                 |                 |                 |
| <b>ELECTRICAL SYSTEM</b>                           |   |                 |                 |                 |                 |
| Alternator / battery Std.                          | 240 amps / 12 V (twin 120 amp alternators)  |                 |                 |                 |                 |
| <b>TRANSMISSION</b>                                |   |                 |                 |                 |                 |
| Type   | Dyna-VT with power management (PM) 31 mph (50 km/h)   |                 |                 |                 |                 |
| 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)          |                 |                 |                 |                 |
| Road speed range 40 KPH Opt.                       | Opt. 0.02-30 mph forward and 0.02-24 mph reverse; (0.03-40 km/h forward and 0.03-38 km/h reverse)     |                 |                 |                 |                 |
| Speeds forward                                     | Infinite  | Infinite        | Infinite        | Infinite        | Infinite        |
| Cruise control speeds                              | 4   | 4               | 4               | 4               | 4               |
| <b>REAR AXLE</b>                                   |   |                 |                 |                 |                 |
| 4.33 x 118 in. (110 x 2,999 mm) long axle          | Std.  | Std.            | Std.            | Std.            | Std.            |
| 4.33 x 105 in. (110 x 2,550 mm) short axle         | Opt.  | Opt.            | Opt.            | Opt.            | Opt.            |
| Differential lock – full-locking, electrohydraulic | Std.  | Std.            | Std.            | Std.            | Std.            |
| <b>FRONT AXLE</b>                                  |   |                 |                 |                 |                 |
| 4-wheel drive differential lock                    | Full-locking, electrohydraulic  |                 |                 |                 |                 |
| 4-wheel drive maximum steering angle               | 55°   | 55°             | 55°             | 55°             | 55°             |
| <b>HYDRAULICS</b>                                  |   |                 |                 |                 |                 |
| System type  | Closed center load sensing (CCLS)   |                 |                 |                 |                 |
| Total flow rate U.S. gal. (L)                      | 54 (205)  | 54 (205)        | 54 (205)        | 54 (205)        | 54 (205)        |
| Maximum pressure PSI (bar)                         | 2,900 (200)   | 2,900 (200)     | 2,900 (200)     | 2,900 (200)     | 2,900 (200)     |
| Remote Valves – Std./Opt.                          | 4 fingertip-controlled valves; Opt. 2 additional fingertip controls for a total of 6 auxiliary valves |                 |                 |                 |                 |

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

| MODELS  | ALL MODELS                              |
|---|---|
| <b>3-POINT HITCH – REAR</b>                                 |   |
| Category 3/4N quick hitch                                   | Std.                                    |
| Maximum lift capacity at link ends lbs. (kg.)               | 20,345 (9,228)                          |
| <b>3-POINT HITCH – FRONT (OPT.)</b>                         |   |
| Category 3  | Std.                                    |
| Maximum lift capacity at link ends lbs. (kg.)               | 10,970 (4,976)                          |
| <b>DRAWBAR</b>  |   |
| Category 3 with drop pin                                    | Std.                                    |
| Category 3 heavy duty with drop pin                         | Opt.                                    |
| Category 4 with drop pin                                    | Opt.                                    |
| <b>PTO</b>  |   |
| Speeds RPM  | 1,000 / 1,000E                          |
| Shaft diameter in. (mm)                                     | 1.75 in. (45 mm) shaft, 20 spline       |
| <b>OPERATOR AREA</b>  |   |
| Cab glass area ft. <sup>2</sup> (m <sup>2</sup> )           | 67.3 (6.22)                             |
| Noise level dB(A)   | 71                                      |
| OptiRide™ Plus hydraulic suspended cab                      | Std.                                    |
| Operator seat – air suspension                              | Std.                                    |
| Control Center Display (CCD)                                | Std.                                    |
| <b>TECHNOLOGY</b>   |   |
| Auto-Guide 3000   | Std.                                    |
| AgCommand   | AgCommand ready Std., subscription Opt. |
| <b>DIMENSION &amp; WEIGHT*</b>                              |   |
| Wheelbase in. (mm)  | 122 (3,100)                             |
| Overall length – front wt. frame to rear link arms in. (mm) | 218.6 (5,552)                           |
| Maximum height over cab in. (mm)                            | 141 (3,584)                             |
| Approx. shipping weight lbs. (kg.)                          | 23,810 (10,800)                         |
| Maximum allowable weight lbs. (kg.)                         | 33,070 (15,000)                         |
| <b>CAPACITY</b>   |   |
| Fuel tank capacity U.S. gal. (L)                            | 166 (630)                               |
| DEF (AdBlue) usable tank capacity U.S. gal. (L)             | 15.8 (60)                               |

**FIVE-YEAR POWERTRAIN WARRANTY**

We've been making tractors for a long time, and we believe in what we make. That's why we offer a five-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**

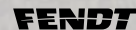
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**AGCO ANSWERS**

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. AGCO Answers: (877) 525-4384 or [agcoanswers@agcocorp.com](mailto:agcoanswers@agcocorp.com)



We proudly support:



For more than 25 years, in more than 140 countries worldwide, AGCO has been on a mission to become the single resource farmers can depend on for innovative, leading-edge thinking, equipment and technology. And, today, you know AGCO brands, even if you don't know the AGCO name. While AGCO equipment may not all share the same logo or same color, they all have one thing in common — the ability to help farmers be as productive and profitable as they can possibly be, regardless of the tasks at hand. [agcocorp.com](http://agcocorp.com)



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