FROM MASSEY FERGUSON
Beauvais — Centre of Engineering and Manufacturing Excellence
Shrink your workload
The new dimension in farming power
The smoothest power delivery, the ultimate in productivity
Experience a new dimension in comfort and control
OptiRide Plus: the ultimate cab suspension system
Fuse Technologies: joined-up farming
The CCD console: keeping you informed and in control
Your finger on the pulse at all times: Introducing AGCOMMAND™
Lifetime from Massey Ferguson: No matter where life or work takes you, we’ll be there
No hidden costs: All-Inclusive service from Massey Ferguson
Servicing made easy — simple and straightforward
Standard and optional equipment — tailor your tractor to your needs
Specifications as standard
Dimensions
The new MF 8700 series represents the pinnacle of Massey Ferguson’s engineering achievements. It’s topped by the most powerful tractor we’ve ever made, a flagship model that surpasses 400hp in a conventional design. But we haven’t done that simply to make a statement. The groundbreaking new MF 8700 series offers some of the most efficient, effective and usable power in this category. If you’re a current Massey Ferguson customer, take a closer look and you’ll see what makes the MF 8700 even more productive than the machines you’ve come to love and trust. And if you’re new to Massey Ferguson, we’d like to invite you to read on so that we can show you why the MF 8700 series is different to any other tractor range in this power bracket.

These are tractors with an enormous appetite for work, built to effortlessly cover hectare after hectare, all the while keeping the operator refreshed and the fuel bill to a minimum. While these are the largest tractors made by Massey Ferguson, the DNA that runs through all MF tractors is clearly evident, with design cues from the same solid, stylish mould. The same commitment to product quality that marks all MF products is also immediately apparent, with the MF 8700 sharing the same skilled engineering and manufacturing team and award-winning Beauvais, France factory. But our engineers recognise that, while characteristics such as quality, reliability and fuel efficiency are important to all tractor users, in this power category there are some very specific requirements – the ability to handle wide kit, long hours and difficult field conditions. MF 8700 tractors are designed to take this and more in their stride.

With five models in the range, spanning max powers of 300-400hp with engine power management, MF 8700 tractors can operate with ease the largest drills, tillage implements, tankers and trailers. All are equipped with the industry’s leading CVT transmission, Massey Ferguson’s Dyna-VT, for the ultimate in efficiency, to make this new dimension of power work for you.

THE 8700: CHAMPION OF THE FIELD

Shrink your workload:
the most powerful Massey Ferguson tractors ever built are now yours

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THE 8700: CHAMPION OF THE FIELD
Farming practices in today’s climate have many obstacles which farmers and contractors have to face. With the world’s population rising, a greater demand for food and land with changeable and volatile weather conditions, you need machinery you can rely on.

We understand those new challenges and our engineers are at the forefront of tractor design and so our new range of flagship tractors have been designed and built by the people who truly understand the nature of your business. Through insight and innovation we built the MF 8700 to meet the needs of modern farming so you can look to the future with confidence.

The new dimension in farming power

- New generation AGCO Power engines provide levels of torque and horse-power unsurpassed in conventional tractor design, from the minimum of fuel. Coupled with the ultra-efficient transmission technology – the blend of efficiency, economy and ease of use that marks out Dyna-VT in the front CRT in the business – these are tractors built to handle the heaviest loads and the hardest tasks.

- A Best-in-Class operator environment is nothing more than you would expect for a tractor of this type – and from Massey Ferguson in particular. Putting you in control of this power is a first class cabin offering state-of-the-art comfort and controls for full operating precision hour after hour.

- Massey Ferguson has long been a leader in providing solutions to help farmers keep operating costs to a minimum, and the MF 8700 tractors continue that legacy, incorporating the latest in AGCO Fuse Technologies™ to ensure operators and owners are kept informed and their machines are working at their optimum.

- All this is backed up by the best customer service in the business, designed to ensure that your machines are always operating at their optimum. Massey Ferguson dealers provide out-of-season servicing that fully prepares you for the year ahead, while in the event of a breakdown they will ensure your machine is up and running as soon as possible.

MF 8700

<table>
<thead>
<tr>
<th>MF 8727</th>
<th>MF 8730</th>
<th>MF 8732</th>
<th>MF 8735</th>
<th>MF 8737</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max power @ 1900 rpm (hp)</td>
<td>270</td>
<td>295</td>
<td>320</td>
<td>350</td>
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<tr>
<td>Max power with EPM (hp)</td>
<td>300</td>
<td>325</td>
<td>350</td>
<td>380</td>
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<tr>
<td>Max torque @ 1500 rpm with EPM (Nm)</td>
<td>1,300</td>
<td>1,390</td>
<td>1,500</td>
<td>1,590</td>
</tr>
</tbody>
</table>

Cab versions: Efficient or Exclusive
Across the board, we have injected new thinking into the design and features of the MF 8700, to improve power, comfort, usability, efficiency and reliability.

- NEW engine power outputs up to 400hp with EPM
- New exhaust redesigned to meet Tier 4 Final requirements
- NEW improved cooling package CYCLAIR system designed to match the prodigious power output produced by industry-leading 8.4 litre AGCO Power engines.
- NEW front-end redesign for improved airflow Carefully crafted to match the new cooling package.
- NEW Panorama Cab Available with 2 specifications packages. With plenty of room available, quietness and 360° visibility, the Panorama cab comes with a new dashboard design and the new armrest including the Multipad lever on Exclusive versions.
- NEW redesigned rear hitch Stronger, more robust, easier to use, with higher capacity than ever before.
- Wheel diameter
- NEW improved exhaust redesigned to meet Tier 4 Final requirements Help in meeting forthcoming emissions legislation.
- NEW front更多 weight installation Made for quick and easy installation and removal as required.
- Ultimate Dyna-VT Transmission Dyna-VT transmission now comes with Engine Power Management to bring you extra power when you need more.
- OptiRide 4-point cab suspension and OptiRide Plus Dynamic cab suspension (optional)
- Super rear linkage with extreme 12,000 kg lift capacity
- Packed with straightforward onboard technologies Auto-Guide™ 3000 auto-steering and AGCOMMAND™ telemetry options.
- Auto-Guide™ 3000 with Go Mode now fully available through the optional CCD Console.
400 horsepower of pure torque and rugged capability. Built to last, it can tackle the toughest terrain and farm the largest areas of land for longer with low running costs and superb reliability. The MF 8700 Series is an accumulation of power, strength, superior engineering, cleaner, more fuel efficient engines.

Fuel consumption accounts for an important part of the running costs of a tractor, and minimizing its use can have a significant effect on a business’s bottom line, as well as helping to meet its carbon emission commitments. For the operator, this means an important saving on either fuel or his wages. The MF 8700 series is one of the most productive powerplants available, but also among the most fuel efficient on the market. Engine Power Management (EPM) now provides a 30hp power boost for PTO, hydraulic work and transport.

The engine’s 8.4 litre displacement from its six cylinders, plus the third generation Selective Catalytic Reduction (SCR), Exhaust Gas Recirculation (EGR) and Diesel Oxidation Catalyst (DOC), the engine used in the MF 8700 series is not only one of the most productive powerplants available, but also among the most fuel efficient on the market. Engine Power Management (EPM) now provides a 30hp power boost for PTO, hydraulic work and transport.

The DOC is concealed under the bonnet to retain the impressive visibility for which MF tractors in this power bracket are well-known. Like the exhaust, it’s a maintenance-free unit, with its output making it easier for the driver to maintain a consistent speed. The DOC is a maintenance-free unit, so there is no additional service requirement for the operator. Twin turbochargers with electronic wastegate control, between which is fitted an air/water intercooler to further improve fuel economy, are linked to the cooled EGR system to produce the best engine response across the engine speed range, ensuring sufficient power is always available – at low rpm as well as high. Optimized high pressure common rail fuel injection limits the emissions of Particulate Matter (PM) and means there is no need for a Diesel Particulate Filter (DPF).

At this amount of power, cooled EGR aids cooler running and cuts AdBlue and fuel consumption, while the DOC is tucked away neatly under the bonnet. The narrow, oval-shaped exhaust stack also ensures vision is unimpeded. Massey Ferguson was the industry innovator in SCR technology, and from the outset our tractors in this power bracket have been designed with this system and its complementary technologies at heart. That’s why there has been no need for radical design changes in the MF 8700 development, allowing the retention of the slim, sloping bonnet design that makes for impressive all-round vision.

MF 8700 tractors also feature a new, higher capacity cooling package to further improve performance, although they retain the same slim bonnet and industry-leading forward visibility of their predecessors. With the SCR air is directed through a heat exchanger and then a Charge Air Cooler (CAC) where it increases speed through the intercooler. This packs also contains the water radiator, oil cooler and condenser. The control and arrangement splits the air flow to expel hot air, while directing coil, fresh air towards the main radiator. Filter and radiator access has been designed to make daily maintenance as simple as possible.

Smart design: built to put power to the ground

A 400 HP engine can tackle the toughest terrain and farm the largest areas of land for longer with low running costs and superb reliability. The MF 8700 Series is an accumulation of power, strength, superior engineering, cleaner, more fuel efficient engines.
**SCR technology:**

Silently saving you money

Massey Ferguson pioneered the use of Selective Catalytic Reduction (SCR) technology for tractors. In conjunction with a Diesel Oxidation Catalyst (DOC), the SCR system doesn’t just benefit the environment through cleaner exhaust emissions. The combination of SCR and DOC, plus the addition of Diesel Exhaust Fluid (DEF/AdBlue®), makes for a more efficient engine.

**Designed for high efficiency and low maintenance,** the DOC is a flow-through device located under the bonnet, designed to oxidise harmful gases produced by diesel combustion into harmless compounds. DEF is injected into the DOC, operating in the exhaust gas stream, with hot exhaust gas then reacting with the catalyst, where the heat of the gas causes its nitrous oxide content to react with the urea to produce ammonia. Carbon monoxide, gaseous hydrocarbons and particulate matter are oxidised, a pair of catalysts in the exhaust then change them into harmless nitrogen and water. Because the engine emissions are controlled externally, in the exhaust gas system, there is no impact on engine performance, power production or fuel economy. Filling up with AdBlue® can be done when filling with fuel, and no further activity is required.

SCR is the simplest of systems, with AdBlue® contained within a separate tank adjacent to the fuel tank itself. Consumed at an average of 5-7% of AdBlue® to diesel, it needs replenishing only every second fuel tank fill.

Back in 2008, Massey Ferguson has pioneered SCR Technology and this is now the industry standard. But we are still leading the way!

The only impact on your business is a positive one – on your fuel bills.

**Engine Highlights:**

- AGCO POWER 6 cylinder, 8.4 litre engines generating maximum power from 290 hp up to 400 hp with EPM
- Maintenance free, 3rd Generation Selective Catalytic Reduction (SCR) Technology
- External EGR for improved fuel economy and AdBlue® consumption
- Electronically controlled common rail fuel injection
- Twin turbocharger installation for higher power capacities and best engine response at all engine revs
- Efficient and smartly designed cooling package with CYCLAIR System.
Imagine a tractor that responds automatically to the load imposed on it, and adjusts fuelling accordingly to give you extra power when you need it most. MF 8700 tractors benefit from Engine Power Management, providing a power boost designed to tackle tough transport and PTO work. Advanced electronic engine and transmission management make more power automatically available under load or at speed.

EPM works by way of transmission electronics which monitor the load and operating conditions within the transmission, PTO and hydraulics according to forward speed, transmission load and PTO activation. This information is then communicated to the electronic engine management system, which then regulates accordingly the quantity and timing of fuel required.

EPM makes up to an additional 30hp available. On transport application extra power engages from 15 km/h and becomes fully available at 22 km/h and above.

On PTO or hydraulic work, extra power automatically becomes available above 0,1 km/h.
With the continuously-variable Dyna-VT transmission, we have developed a system of power transfer that surpasses all others for ease of use and efficiency. We have taken a proven, refined transmission and made it even better, ensuring it delivers seamless strength hour after hour. It’s intuitive to the operator, the easiest of transmissions to understand and get the most from, and new operators will quickly settle into feeling at one with the tractor.

The smoothest power delivery, the ultimate in productivity

Dyna-VT offers stepless travel from 0.03 to 40 or 50 km/h at any engine speed operated via two speed ranges. This means it is always possible to achieve the correct operating speed for the conditions and for the implement being used, and it is always possible to achieve the optimum engine speed to maximise work rate and minimise fuel consumption.

Engine speed and forward speed are independent of each other, and forward speed can be instantaneously increased or decreased under full load to maximise output and maximise work quality.

Depending on the tractor type specified, Dyna-VT can be operated via either a T-bar controller or the Multipad joystick on the right-hand armrest. Speed variation is also possible through the steering column-mounted PowerShuttle lever.

*depending on market legislation.

Dynamic performance whatever the application. Massey Ferguson’s Dyna-VT transmission provides enhanced productivity in stepless precision.
The tractor transmission without limits

**Dyna-VT**

**Highlights:**

- 0.03 to 40 km/h or 50 km/h*
- 40 km/h super Eco or 50 km/h* Eco
- The choice of two speed ranges optimises torque for different applications
- Lever, pedal or automatic control
- Supervisor* maintains the output under varying loads
- Dynamic Tractor Management (DTM) maintains the set travel speed by automatically adjusting the engine speed according to load
- Active stop
- Turbo clutch on/off
- Shuttle aggressiveness adjustment
- Pedal aggressiveness adjustment
- Switch between cruise speeds (C1 and C2)
- Ready pedal-neutral feature

*Depending on market legislation

The original Dyna-VT transmission is a true testament to precision engineering; guaranteed productivity, comfortable operator comfort and optimum fuel efficiency at all times. Further consistent enhancements such as Dynamic Tractor Management (DTM) make it the most intuitive transmission on the market.

Simple, infinite speed control, from creeper speeds to 50 km/h* Depending on market legislation*

**Engine load**

**Engine speed (rpm)**

**Constant forward speed**

Dynamic Tractor management

When activated, Dynamic Tractor Management (DTM) works in conjunction with the Dyna-VT transmission, in either level or pedal modes, to automatically control engine speed according to the load on the tractor, maintaining the required forward speed whilst keeping engine rpm to the minimum necessary. It works from 1000-2100 rpm, with the operator able to set both a lower and an upper limit within the range. DTM can be activated with trigger such as PTO, linkage or hydraulic activation. The result is smoother driving and excellent fuel efficiency.
Experience a new dimension in comfort and control

Beneath their dramatic exterior, and despite their enormous power, the cab of each MF 8700 series tractor provides a working environment that blends comfort, quietness and high quality from which to control the machine. This impeccably-crafted cabin incorporates smart design and best-in-class ergonomics for hours of fatigue-free operation as you should expect from Massey Ferguson.

Efficient or Exclusive – the freedom to choose your own working environment
The MF 8700 range is available in two specification levels: Efficient and Exclusive, for a choice of premium or super-premium environments and specifications. Both are designed around a spacious frame and logically thought-out controls. Everything is in its place, and it’s easy to take everything in from the operator’s right or left, with everything easily and quickly accessible on the armrest. Compromise isn’t necessary – our aim is simply to help you make a personal choice to match your business requirements and objectives.

Best-in-class design
The four-pillar cab frame design makes for superb 360° all-round vision to the sides and out to the extremities of wide implements, while the award-winning OptiRide Plus cab suspension uses advanced sensors, hydraulic and accumulator systems to ensure the operator is always on the level. The level of damping can be set in the cab, to meet the driver’s preference. Paired with a premium-class air-suspended operator’s seat, the result is one of the most comfortable rides around.

Intuitive ergonomics
The door is accessed via broad steps and a single, wide, full-glass door, there’s plenty of space in the cab for the driver, a passenger and anything required for a long day’s work. Once the door is closed and the engine started, you’ll notice just how quiet this cab is. Almost everything you need to control the tractor’s key functions is grouped on the right-hand armrest, arranged so that operation is almost immediately intuitive.

New Dashboard with SIS – Setup and Information Screen
A completely new, slim dashboard design provides quick, clear and easy analysis of operating data, presented on a 70 mm x 52 mm colour screen for the SIS. Not only is the new screen 50% larger than before, but it’s a resolution format better and large graphics that make information easy to read in all light levels.

Intuitive controls
On the right hand side pillar, a new control layout follows the familiar Massey Ferguson style, incorporating modules to operate the lights, PTO speed selection and rear linkage settings.

Little extras make a big difference
Sometimes it’s the small details that can make a huge change to your workload. The MF 8700 cab is available with numerous comfort and convenience features, Automatic beacon activation on road, Comfort light delay at end of the day with automatic work lights extinction, extra plug sockets for mobile phones or laptop, radio and CD player (including MP3), air suspended seat, telescopic side mirrors and electric de-icing, plus automatic air conditioning.
New MF 8700 Dashboard:
puts you in total control

The new slim dashboard design provides a quick, clear and easy analysis of operating data, presented on the new 70 x 52 mm Setup and Information Screen (SIS). Not only is the new screen 50% larger than before, but it has a resolution ten times better and large graphics that make information easy to read in all light conditions.

New intuitive navigation and control with easy access of the SIS through the steering column mounted pad.

Should you need more control, choose the Datatronic 4 CCD console (optional on Efficient version and standard on Exclusive) – find more details on page p.40.

The Setup and Information Screen includes:

**Setup:**
- Transmission operation
- Slip control
- Engine speed control
- Hydraulic valve flow and timing
- Easy-to-use headland management
- Key latching control
- PTO activation via rear fender switch
- Comfort light delay
- Trigger for counting mode
- Display setting

**Information:**
- Tractor performance
- Working area
- Working/travelling distance
- Fuel and urea consumption
- Engine and transmission temperature
- Slippage measurement

The new dashboard also provides outstanding front visibility thanks to its slim design.
Efficient Package: advanced equipment for outstanding accuracy

Efficient is the entry specification package for the MF 8700 series but you will notice that it is anything but basic. Designed to delivering increased productivity thanks to key features, this Efficient specification will enable the operator to work really fast. A higher standard with more accuracy and reliability. It provides all the key elements with a blend of simplicity and ease of use, with all key functions ergonomically grouped in the Command Command Centre armrest.

Standard Efficient features includes:
- Command Control Armrest with « T » lever
- Power Control Shuttle lever
- Automatic Air Suspended Swivel Seat
- "QuadLink" suspended front axle
- Standard air conditioning
- 4 electronic spool valve with joystick and fingertip control

Efficient specification options:
- OptiRide Plus semi-active cab suspension
- Super Deluxe Air Suspended Seat
- Automatic air conditioning
- Electronic 4 CCD
- Radar & slip control
- Integrated front linkage and front PTO
- SpeediRover
- Auto-Guide™ 3000 with Go mode
- AGCOMMAND™ Telemetry system
- Mirrors with electric de-icing and adjustment
- 1000 Eco PTO

Work lights and beacon control panel
Electronic rear linkage adjustment

Electronic rear linkage adjustment

Fingertip spool valve controls
Joystick spool valve control with assignment switch/fuction
Front hydraulic controls assignment
Hydraulic activation

PTO engagement
Lever or pedal mode selection
C1 / C2 cruise speed setting
Dynamic Transmission Management engagement

Engine speed meter A & B
Transmission control lever
Road / field transmission mode
C1 / C2 cruise speed controls
Rear linkage controls
Hand throttle
Exclusive Package: for those who demand more

You’ll always find the usual necessities within our cabs but we always strive to push operator comfort and control to the next level. That’s why the Exclusive package comes with dozens of new features that will help improve your working day.

The Exclusive MF 8700 Package is dedicated to the more intense, large scale operator looking for more advanced features that will ensure cost effective benefits for their business.

Standard Exclusive features includes:

- Command Control Armrest with MultiPad lever
- Power Control Shuttle
- “QuadLink” suspended front axle
- Automatic air conditioning
- OptiRide Plus semi-active cab suspension
- Radar & slip control
- Integrated front linkage
- SpeedSteer
- Auto-Guide™ 3000 with Go mode
- AGCOMMAND™ Telemetry system
- 4 electronic spool valve with joystick and fingertip control

Exclusive specification option:

- 2 additional rear remote valves
- Integrated front PTO
- 2 sets of hydraulic front couplers and free hydraulic return
- 1000Eco PTO

Datatronic Control Centre Display

The 7” Datatronic Control Centre Display screen is situated within easy reach and sight of the driver, and is fully adjustable to operator preference to allow optimum viewing of all tractor functions.

Selectable spool valve control
- C1 / C2 cruise speed controls
- Multipad joystick
- Engine speed memo A & B
- Forward/reverse shuttle control
- Road/field transmission mode
- Joystick spool valve control with assignment switches function
- Hand throttle
- Headland management sequence engagement
- VarioTrack
- Electronic rear linkage adjustment

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- Rear linkage controls
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- Work lights and beacon control panel

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OptiRide Plus: the ultimate cab suspension system

A comfortable operator is a productive operator. Massey Ferguson designers and engineers know that this holds true whatever the operation in hand. This is the reason why the sheer brute force of the MF 8700 deserves an award winning cab suspension system.

OptiRide Plus, available on the superb MF 8700, provides unprecedented levels of operator comfort and acknowledges Massey Ferguson’s long-held position at the forefront of agricultural innovation.

Intelligent comfort
The cab sits on four hydraulic dampers that provide the suspension. Sensors automatically register the degree of cab tilt and raise the hydraulics to restore equilibrium. Included in the design is a torsion bar linking the left and right sides of the rear of the cab. This performs an anti-roll function to reduce lateral movement.

The OptiRide Plus cab suspension system processes information, via a series of sensors, from a variety of tractor functions – acceleration, braking, forward/reverse shuttling, etc. — and the control box adjusts the damper units to counter their effects for the smoothest possible ride.

As the ‘nerve centre’ of the entire system, the electronic control box calculates the optimum damper settings using information from the on-board sensors and the tractor’s CAN-bus system. For the ultimate in cab comfort, the OptiRide Plus system offers the ability to further refine ride firmness/softness during operation. This innovative technology could not be simpler to adjust, using the straightforward switch on pillar pad. This, in turn, minimises the often wearing effects of working on uneven terrain, sudden braking and surges in acceleration so the operator suffers less fatigue, fewer aches and lower stress levels, allowing fresher, more alert work performance.
The new dimension in traction: ultimate performance in all conditions

The right balance between ballast and tyre choices brings:
- More power to the ground
- Ultimate traction capabilities
- Limited soil compaction to benefit yields whilst maintaining health for the next generation
- Improved fuel economy

A wide range of ballast and tyre choices, including dual wheels, ensures that MF 8700 tractors can be tailored to suit the tasks you want to perform. The new design of 1500 kg and 2300 kg compatible with weight extension, wheel weight installation from 250 to 750 kg on each side and integrated belly weight from factory.

The latest tyre equipment allows MF 8700 models to work at very low tyre pressures, even for high traction jobs, including dual wheels:
- Rear tyre choice up to 900 mm and 2.15 m diameter

Increased traction and low soil compaction can be achieved working with the right ballast and tyre choice ensuring that power is accessible.

A wide choice of ballasts are available. Sometimes you need extra weight to deal with intensive traction work. The MF 8700 is available front factory or via AGCO Parts with additional front, rear and tyre weights to exactly match your needs. This offer includes a new design of 1500 kg and 2300 kg compatible with weight extension, wheel weight installation from 250 to 750 kg on each side and integrated belly weight from factory.

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Best in class 400hp manoeuvrability...

Compact, manoeuvrable, with perfect power-to-weight ratio. MF 8700 tractors handle easily and comfortably in the field and on the road, at minimum speeds and full speed. Excellent manoeuvrability and stability when making headland turns or working in hilly fields, plus the ability to tread lightly yet pull strongly, is all part of our commitment to help protect the soil and preserve the land.
Heavy-duty front and rear linkages

With a rear linkage lift capacity of 12,000 kg, there are few tractors in this power bracket that can match the MF 8700 series for the ability to hoist heavy implements. The rear linkage design and the tractor’s structural build are designed to handle such demands, with twin external lift rams and twin variable-float telescopic stabilisers. Quick couplers with decompressing system are standard, as external linkage and valve controls. A total of 6 spool valves is available.

At the front, buyers can specify a fully-integrated 5,000 kg front linkage designed to match the Massey Ferguson front suspension, with two double-acting spool valves and a free return line.

Rear Hitch

The rear hitch with a choice of pintle pin, pick-up hitch, clevis, K80 ball or drawbar has been completely redesigned to make coupling quicker, easier and safer. The ISO hitch design is compatible with a wide range of clevis and drawbar alternatives according to markets.

Powerful Hydraulic Muscle: give a lift to your productivity

The innovator of three-point linkage power and hydraulic capability, Massey Ferguson has never rested on its laurels when it comes to ensuring its systems meet and exceed the requirements of modern machinery. Part of Massey Ferguson DNA, our three-point linkage is the finest example of productivity, power and responsiveness for the operator in the field for more than 75 years.

Powerful braking systems

As you would expect from a tractor of this size, designed for both front and rear mounted trailed, the MF 8700 braking system is as robust as the rest of the hydraulic arrangement. Preabsorbing, fade-free, drum braking comes as standard, including quick-engagement, sensitivity and rate-sensitive speciality interface to limit. There are also full rear indicator controls on both sides of the tractor to help when hitching up.

The ultimate in draft control accuracy

Massey Ferguson continues to lead the way in electronic linkage control (ELC). On MF 8700 tractors, the latest evolution in this development provides even greater accuracy in depth setting and ground following to provide excellent weight transfer, traction and workrates, while reducing wheelslip, tyre wear and fuel consumption. Armrest-mounted controls for functions including quick engagement, sensitivity and speed control are standard on both sides of the tractor. There are also full rear indicator controls on both sides of the tractor to help when hitching up.

Standard Active Transport Control

Designed to minimise the pitching action of heavy mounted equipment when in the raised position during transport or on the field headland, Active Transport Control, fitted as standard on MF 8700 tractors, is a shock-absorbing system that is automatically adjusted for different implement weights to counter implement bounce. The result is smoother, safer, faster transport and reduced risk of damage to the tractor and its hydraulic system.

ATC and Quadlink

The combination of ATC and the Quadlink suspended front axle provides exceptional stability when transporting or operating mounted equipment at speed, resulting in greater comfort and safety for the driver and ultimately greater productivity.

Power Beyond

Built into the CCLS spool block is a Power Beyond facility that, via additional flow and return pipes, provides oil flow directly from the pump, enabling additional remote spool valves to be connected.

Auxiliary spool valves

Standard specification comprises four electro-hydraulic spool valves, with up to eight available if required. Fingertip Spool Management allows complete equipment to be precisely and easily controlled. There are separate spools for the operation of the front linkage and front couplers, as well as the optional pick-up hitch.

High flow, high pressure oil

All MF 8700 tractor systems, including both linkage and external services, for fast response whatever the load. The result is ultimate in fuel and power efficiency. Decompression type hydraulic couplers make implement attachment easier, allowing coupling and uncoupling under pressure.

All rear couplers are equipped with an hydraulic decompressing system.
Performing the most demanding operations with precision

High specification PTO
MF 8700 tractors can be specified with a fully-independent 540 Eco/1000 rpm PTO, or 1000/1000 Eco speeds. External engagement and emergency stop buttons provide convenience and safety. External engagement can be automated with engine speed for fast control of implement such as slurry tank filling.

Economy PTO
Achieved at around 1,600 rpm, 540E and 1,000E rpm economy PTO speeds further improve fuel efficiency and noise levels when on lighter duties.

Automated PTO control
In ‘Auto’ mode, the PTO is automatically disengaged when travelling at speeds above 25 km/h, while it is also disconnected when the linkage is raised and re-engaged when it is lowered. The transmission controller monitors and controls PTO engagement according to load for smooth take-up, leading to improved driver comfort while protecting both tractor and implement from damage due to inappropriate engagement.

Front PTO
A six-spline front PTO which operates at 1,000 rpm is optional on MF 8700 tractors, and when combined with a front linkage allows a wide range of additional implements to be powered, helping to reduce passes and improve efficiency.

Power with economy
Nominal PTO speeds are achieved at, or near to, 1,950 rpm, which is also maximum engine power. With the benefit of a constant power band of up to 600 rpm and the ability, with Dyna-6V ability, to precisely select any ground speed at the chosen engine speed, you can always achieve a perfect match of PTO speed, forward speed and power, for optimum economy.
Information is power, with accurate data measurement and recording enabling more precision in decision making. The pace of progress and innovation set by the MF 8700 series is evident in the on-board technology solutions that it incorporates — systems that have a real place in the future of agriculture, helping farmers to become more productive through the knowledge brought by putting precision-measured data at the business owner’s fingertips.

Through AGCO Fuse Technologies, Massey Ferguson delivers the straightforward and dependable technology solutions it has long been known for — technology that quietly, without fuss, does the jobs that farmers require of it. The on-board technology solutions incorporated into the MF 8700 series are a clear indication of the pace of progress and innovation set by Massey Ferguson. Information is power where making farming more efficient and productive is concerned. This is why we focus on delivering straightforward, dependable technology solutions that bring about improved productivity, ease of use and profitability through higher yields, lower input costs and greater profits.
Full tractor functions management and optimisation features such as transmission, engine and hydraulics. Moreover there is the remarkable Dual Control system providing excellent control of semi-mounted ploughs by automating the furrow entry and exit. At the same time the system adjusts the plough’s depth wheel in relation to the rear linkage. The same system is also used to control implements on the front linkage, automatically shifting settings and the entire operation, in synchronisation with the rear linkage.

Auto-Guide™ 3000 auto-steering guidance operation can be displayed through the CCD rather than though a separate screen, providing the driver with enhanced visibility. Thanks to this integration, no additional wires are needed – refer to p.42 guidance section to find out more about the most easy-to-use guidance system available in the market today.

Memorise data and settings – Up to eight different memories enable the system to record information during operation on area worked, fuel use, hours worked and much more. All settings and parameters can be saved by the CCD. Securely back-up those tractor settings: A truly unique feature of CCD is the ability to save the memorised tractor settings to a USB memory stick and manage those settings prior to commencing work. All those settings can be transferred between all your machines equipped with CCD.

Headland management settings – The CCD Console comes as standard with the most intuitive, straightforward and easy-to-use automatic headland management system available in the market today and developed exclusively by Massey Ferguson. It is designed to save you significant time at headlands, allowing you to concentrate on the operation in hand so that you can maximise outputs with ease.

ISOBUS for total implement control – ISOBUS allows the implement manufacturer’s control system to be displayed on the console screen, saving owners and operators time and money, with no need to install additional terminals in the cab. Simply plug the implement lead into the tractor’s ISOBUS socket and the system automatically uploads the operating menu and displays on the screen – implement control switch assignment on Multipad available (Exclusive version only).

Video Mode – Pictures from an on-board camera can be displayed on the console screen, allowing operators to monitor complex implements or simply improve safety and efficiency when reversing.

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Guidance options to keep you on track for profit

With guidance systems having been proven to save up to 12% fuel in field operations, more and more farmers are considering the benefits of investing in guidance and auto-steering. Auto-Guide™ 3000 is a hands-free steering system that is capable of delivering sub-metre, decimetre and centimetre accuracy.

An Auto-Guide™ 3000 TopDock receiver comes factory fitted as an option to Efficient and Exclusive MF 8700 tractors. This allows the use of the free sub-metre accuracy EGNOS correction signal, upgrade easily without unlocking code, or only adding a snap-in module to the base of the TopDock. An inertial measurement unit (IMU) can be installed to improve tractor positioning where greater accuracy is required, with a radio snap-in providing the ultimate in precision.

GO MODE FUNCTION

A Go mode function allows the operator to begin working with auto-guidance/steering for the first time within a five-minute set-up time, making the system easy to work with and the benefits faster to reap. This is the easiest way to start auto guidance without going into any settings, and auto drivers looking for a simple system to use that does not require advanced settings.

This unique function allows Auto-Guide™ 3000 to set up within 5 minutes to allow even inexperienced drivers to step seamlessly into working with the system after just a five minute implementation and regulatory settings.

C3000 console

The C3000 offers advanced capabilities and allows you to achieve more. It is the ideal solution for anyone wanting to keep a constant record of jobs and tasks. The C3000 allows you to create fields to measure the total area, store and export all the data collected. You can recall this vital information for future tasks. The C3000 interface is straightforward to operate and to navigate around with simple menu structures. It has a 12.1” colour touch screen for easy recognition, plus an excellent view of fields and applications. The touch screen allows for quick menu selection and general operation, and can be split into 3 smaller screens for more efficient monitoring of tasks.

C3000 console

Auto-Guide™ 3000 can be displayed through the Datatronic CCD for those who need a simple and integrated guidance terminal, rather than through a separate screen. This allows increased visibility for the driver.

Datatronic CCD console

The C3000 offers advanced capabilities and allows you to achieve more. It is the ideal solution for anyone wanting to keep a constant record of jobs and tasks.
Large farms and contractors who want a clearer idea of how their machinery is performing will welcome the consistent, concise and accurate information provided by the AGCOMMAND™ telemetry system.

AGCOMMAND™ allows machinery owners and managers to monitor vehicle position, performance, history and status, as well as operating costs, all with the aim of enhancing productivity. Every ten seconds the AGCOMMAND™ system identifies the GPS location of a machine and reports its performance. This is transferred to a central server, from where it can be accessed over the internet from a farm computer.

The AGCOMMAND™ App allows on-the-go access to the system so that you can monitor machinery wherever you are and whenever you want. You can also use the history and report functions to run analysis on the field. The AGCOMMAND™ App is available for iPads and iPhones. It has all the same functions of the usual AGCOMMAND™ system, and capabilities include near-real time access to the machine, with a home page that supplies fast information and a quick overview of machine data like position, address and weather conditions.

Efficiency reports: These can be created in two ways – time efficiency reports based on a percentage of the total engine hours of each status, or distance efficiency reports based on the percentage of working/headland/transport elements of the total distance travelled by the machine. They show the time the machine was working and/or transport mode, and standing. This makes it possible to quickly analyse the efficiency and ability of operators. The report can be made for up to five machines at a time, and the data can be exported into manageable PDF or Excel files to be printed on PC or laptop.

Text message alerts: These allow owners to be alerted via a mobile phone if their machine should enter or leave a predefined area created on the Geofence website. It can also, for example, send a message to alert the owner or manager when an operator is returning to the farm or if the required fuel in the field AGCOMMAND™ Advanced allows the setting of alarms on CAN parameters, and service alarms can be added to the system, to alert the owner and/or dealer.

Dashboard: AGCOMMAND™ Advanced allows users to view machines for up to 30mins/day in near real time. The main parameters available through the virtual dashboard can be viewed on a PC or laptop. If fuel consumption appears too high it shows that settings need adjusting to improve output. Operators can be alerted directly through the AGCOMMAND™ Dashboard in addition to a text message alert on their mobile phone. When working with combines, users can view sieve and concave position, header speed, productivity, output and grain loss, extra parameters can be set to achieve the highest efficiency. AGCOMMAND™ Advanced can ensure that even inexperienced combine operators get the best from their machines, and can be used to monitor simultaneously several combines in the same field.

And now… Get on-the-go flexibility with the new AGCOMMAND™ App and take the office to the field.
The Massey Ferguson distributor and dealer network ensures every machine comes with the support and service you need to keep working – whenever and wherever you need it.

Our dealers are committed to finding the right product for you and then supporting you with the best services, parts provision and back-up. Behind every Massey Ferguson machine is a family of highly skilled specialists who are dedicated to supporting you, your equipment and your business.

Ask your dealer about our finance plans, which can include leasing, hire purchase, contract hire and loan facilities.

**Manager provides total peace of mind**

*Manager Service and Extended Warranty Plan* is a comprehensive, industry-leading package that provides total care of your tractor providing routine maintenance, repairs and a full AGCO-backed warranty, which includes:

- Engine and transmission
- Hydraulics
- PTO
- Steering
- Electronics
- Cab and controls
- Axles

Regular servicing in the manager plan provides “preventive maintenance” – picking up any faults before they become a problem, which helps reduce downtime. A full dealer service history, using genuine AGCO Parts will also increase the residual value of the machine.

**Lifetime from Massey Ferguson: no matter where life or work takes you, we’ll be there**

The Massey Ferguson distributor and dealer network ensures every machine comes with the support and service you need to keep working – whenever and wherever you need it.
No hidden costs:
All-Inclusive from Massey Ferguson – a new generation of full service*

Massey Ferguson is the only brand which can offer you a full service package for your new MF 8700 tractor including:

- **YOUR TRACTOR**
- **YOUR FINANCING**
- **YOUR REPAIR AND MAINTENANCE MANAGER CONTRACT**

For your individual quotation, contact your local MF dealer!

So you know exactly your cost of ownership with no hidden agenda, no extra expenses for up to 5 years and 6,000 hours in the UK and Ireland.

At the end of the contract, the choice will be yours:
1. Get another brand new Massey Ferguson tractor so you are sure you are using the latest onboard technologies
2. Return the tractor to your local MF Dealer!

This scheme is specially designed to meet the needs of UK and Irish farmers. This scheme ensures you will benefit from superior maintenance on the machinery intensity that will secure your profitability. Similar offers are available in France and Germany.

In summary you will:
- Know the cost of ownership from day 1
- Ensuring it is easy to budget and there are no surprises
- Benefit from the very latest technology on your tractor

Don’t hesitate to discuss with your local Massey Ferguson dealer or your AGCO Finance specialist. They will be able to provide you with a tailored solution to help grow your business.

* only applicable on MF 8700 Series and only available in UK & Ireland, France and Germany. Please contact your AGCO Finance specialist and your local dealer to check availability in your area. Terms and conditions apply that might vary according to the market.
Servicing made easy: simple and straightforward

With a Massey Ferguson MF 8700 series tractor, time spent in the yard preparing for the day ahead is kept to a minimum. We have combined practicality with style to ensure daily maintenance is speedy, straightforward and simple, taking the stress out of maintaining your tractor, getting you to the field earlier for greater productivity.

And it’s not just about time spent on service – it’s about money too. With service intervals having been lengthened by 25% to 500hrs, maintenance costs have been substantially reduced.

The single piece bonnet lifts fully to allow excellent access for full servicing.

Plenty of room to access radiators for cleaning.

The well proportioned cooling package is easy to access, clean and maintain. 90% of dust is removed naturally thanks to the suction from the cooling fan. The engine air filter is also very easy to access and clean.

Lots of space to move around the tractor.

The cab air filter can be removed easily for cleaning.

The AdBlue® tank has been carefully positioned to improve insulation in high and low temperatures. Filling of both tanks is safe and convenient.

The waisted bonnet and front axle design ensures comfortable access to the engine oil filters and oil dipstick.

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### Efficient

<table>
<thead>
<tr>
<th><strong>Engine</strong></th>
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<tbody>
<tr>
<td>6-cylinder AGCO POWER Stage 4</td>
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</table>

<table>
<thead>
<tr>
<th><strong>Transmission</strong></th>
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<tbody>
<tr>
<td>Power Control shuttle</td>
<td></td>
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<tr>
<td>T tower on Command Control Armrest</td>
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</table>

<table>
<thead>
<tr>
<th><strong>Operator environment</strong></th>
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<tr>
<td>Standard Air Conditioning</td>
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<tr>
<td>Automatic Air Conditioning</td>
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<table>
<thead>
<tr>
<th><strong>Electrical equipment</strong></th>
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</thead>
<tbody>
<tr>
<td>Automatic Isolator switch</td>
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</tbody>
</table>

### Optional

- Quadlink – Suspended front axle
- Pivoting front fenders
- Additional heater in cab
- Hydraulic trailer brake
- Pneumatic trailer brake

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**KEY**

- Not available
- Standard specification
- Optional
- Depending on market legislation
**Specifications as standard**

**Engines**

<table>
<thead>
<tr>
<th>Model</th>
<th>MF 8727</th>
<th>MF 8730</th>
<th>MF 8732</th>
<th>MF 8734</th>
<th>MF 8736</th>
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<tbody>
<tr>
<td>Engine Type</td>
<td>MF 8727</td>
<td>MF 8730</td>
<td>MF 8732</td>
<td>MF 8734</td>
<td>MF 8736</td>
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<tr>
<td>Bore (mm)</td>
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<td>111</td>
<td>111</td>
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</tr>
<tr>
<td>Stroke (mm)</td>
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<td>145</td>
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<td>145</td>
</tr>
</tbody>
</table>

**Injection system**
- Common rail
- Variable - variable
- Turbocharger

**Aspiration**
- 2 stage Turbocharger with intercooler and electronic exhaust gas recirculation at the high boost pressure side

**Injection type**
- Common rail

**Fan type**
- Vistronic – variable fan speed

**Maximum hp @ 1,950 rpm**
- ✪ ISO hp 270 295 320 350 370

**Maximum torque @ 1,500 rpm**
- ✪ Nm 1,220 1,300 1,390 1,530 1,540

**Maximum power with EPM hp**
- 300 325 350 380 400

**Maximum torque with EPM Nm**
- 1,300 1,390 1,500 1,590 1,600

**Maximum power available @ PTO shaft**
- 225 250 275 300 320

**Fuel tank capacity litres**
- 630

**AdBlue® tank capacity litres**
- 60

**Service interval hours**
- 500

**Transmission**
- Dyna-VT
- Stepless, Continuously variable transmission with Dynamic Tractor Management (DTM)

**Field speed range km/h**
- Forward 0,03 - 28 km/h
- Reverse 0,03 - 16 km/h

**Road speed range km/h**
- Forward 0,03 - 50 km/h
- Reverse 0,03 - 38 km/h

**Fuel tank capacity litres**
- 630

**Rear Linkage and Hydraulics**
- Category 3 or 4
- Maximum lift capacity, at link end kg 12,000
- Maximum no of rear spool valves 6
- Maximum pressure Bars 200
- Maximum flow litres/minute 205
- Maximum lift capacity, at link end kg 5,000
- Maximum no of front spool valves 2
- Engine speed at 1000 front PTO speed rpm 2,036

**Front Linkage and Front Power Take-Off (cont.)**
- Type Integrated on chassis with independent valve control, electro-hydraulic control
- Lower links type Category 3
- Maximum lift capacity, at link end kg 12,000
- Maximum no of front spool valves 2
- Engine speed at 1000 front PTO speed rpm 2,036

**Power Take-Off (Rear)**
- Operation and control Electro-hydraulic
- Speed selection 2 stage Turbocharger
- Engine speed at 540Eco / 1000 rpm 1,577 / 1,970
- Engine speed at 1000 / 1000Eco rpm 1,970 / 1,605

**Shaft diameter inches**
- 1 3/8 " 6 & 21 splines; 1 3/4" 20 splines

**Wheels and Tyres**
- Front 600/65R34
- Rear 710/75R42

**Weights**
- Average minimum weight with no ballast kg 10,063
- Maximum Gross vehicle weight kg 18,000

**Dimensions**
- A – Wheelbase – mm 3,093
- B – Overall length from front weight frame to rear linkage arms – mm 5,552
- B – Overall length from front linkage to rear linkage arms – mm 6,200
- C – Height at centre of rear axle to top of cab – mm 2,353
- D – Total height on top of the roof – mm 3,428

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

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