



MASSEY FERGUSON

85-120 HP

MF5600

The most powerful compact tractor available



Beauvais, France | Centre of Engineering and Manufacturing Excellence

The \$350m investment made over the last five years in the Beauvais tractor plant, home of Massey Ferguson's high range of tractors – has been carried out with a singular aim: to ensure Massey Ferguson tractors are built to standards of quality, reliability and productivity that guarantee peace of mind for the owners and operators who depend on them. More than 870,000 tractors have been built in Beauvais since it was opened in 1960, and farmers in over 140 countries rely on its products.

The 2500 staff employed – including 350 qualified engineers – at the Beauvais site take particular pride in the products they design and manufacture, and while as many as 90 tractors a day leave the line, each one is crafted with the utmost care and attention. That focus on quality is coupled with Massey Ferguson's reputation as a

leader in developing and offering innovative and pioneering solutions – for more than 50 years – with clear, measurable benefits, such as fuel-saving Selective Catalytic Reduction (SCR), which we were first to bring to the market. The result is tractors which help you farm more efficiently and more profitably.

Continuous research and development into making machines that do more for those that own and operate them has been part of the reason Massey Ferguson has won more independent innovation awards than any other manufacturer. As farmers' needs continue to evolve, that Research & Development and manufacturing commitment remains as strong as ever. This policy is widely acknowledged by the industry resulting in more innovation awards than any other manufacturer.



Engineered by us, created for you

Your versatile, dependable workhorse

We understand your needs. Whether you are a contractor, running a dairy unit, mixed farming enterprise or family farm, the MF5600 Series is designed to suit your everyday needs with a choice of three or four cylinder models so you can select exactly the right power, wheelbase and weight for your farming business.

With more than 50 years of farming experience and expertise, Massey Ferguson has created the MF5600 Series for you. It blends sophistication with straightforward operation and offers high comfort and superb control. Whether the day includes feeding cows, moving loads and baling, or spraying, spreading, ploughing and cultivating - MF5600 tractors are designed and engineered to handle the workload.

Purpose built for the 85hp to 120hp sector, the MF5600 Series offers the choice of five different models designed on two distinct chassis sizes with a practical range of powers. Choose from the compact 85hp to 105hp, 3.3 litre three cylinder or the advanced 4.4 litre, four cylinder engine delivering 110 or 120hp.

Whatever the task, the Dyna-4 or Dyna-6 transmissions ease the workload with effortless shuttling between forward and reverse and clutchless speed and range changes, which can be automated with the AutoDrive feature. A choice of powerful, easy to use hydraulic systems respond quickly and smoothly to all demands, delivering the productivity you need to get the job done.

The option of close-coupled front linkage enables two operations to be done simultaneously to increase output. Impressive PTO power will meet the demands of every implement, with a range of speeds and simple, convenient control.

Outstanding visibility over steep nosed bonnets, high flow hydraulics and great agility make all models the perfect loader partners. Alternatively the longer wheelbase models with powerful engines, supreme transmission choice and excellent stability make them exceptional arable tractors, too.

The MF5600 Series is designed to deliver high performance from early dawn to late into the night. We know cab comfort and convenient controls are not luxuries – they are essential. All tractors are equipped with a high quality, spacious working environment with a wide range of effortless and automated controls to help you concentrate on getting the job done quickly and efficiently.



Pure power and performance from Massey Ferguson



MF5600	MF5608	MF5609	MF5610	MF5611	MF5612
Max power @ 2,000 rpm (hp)	85	95	105	110	120
Max Torque @ 1600 rpm	363	405	413	468	502
Transmission Type	Dyna-4	Dyna-4	Dyna-4	Dyna-4 / Dyna-6	Dyna-4 / Dyna-6
Engine Type	AGCO POWER 3.3l			AGCO POWER 4.4l / 4 cylinder SCR	
Cab Type	Essential			Essential / Efficient	

Engine Highlights

- ▶ Two distinct engine choices
 - Compact, agile short wheelbase models from 85hp to 105hp
 - Purpose built, long wheelbase, 110hp and 120hp models
- ▶ Outstanding manoeuvrability, visibility and features for loader operations
- ▶ Exclusive Massey Ferguson front suspension option available on four cylinder models
- ▶ Select from a choice of hydraulic systems to match the flow rate and the response you need
- ▶ Dyna-4 transmission available on all models, as well as choice of Dyna-6 for four cylinder tractors





Bodyscan your MF5600

Designed and built specifically for you!

01 AGCO POWER engines

Pioneering 85hp to 120hp engines that deliver excellent fuel economy and performance.

02 Automatic low idle speed

The engine automatically reduces the engine speed when idling, which helps save fuel and reduces noise level.

03 High visibility pivoting bonnet

Unrivalled visibility for loader and front linkage operation over a slim, steep nose bonnet.

04 Compact cooling package

Clever design provides a compact, yet highly efficient cooling package, for optimum visibility over the slim, low bonnet.

05 Top transmission choice

Renowned Dyna-4 transmission available on all models with optional AutoDrive, plus the choice of the Dyna-6 transmission for all four cylinder models.

06 Brake to Neutral function

New brake pedal-activated transmission to neutral increases efficiency and improves operator comfort, particularly in loader operations.

07 Integrated front linkage and PTO

The close coupled linkage and PTO increases stability and improves manoeuvrability with all types of front mounted equipment.

08 Electronic linkage control

Responsive, precise implement control from Massey Ferguson's renowned ELC system – standard on all tractors.



*Some options may not be available.
Please check with your local dealer.

09 Front axle suspension

Extra comfort and traction from Massey Ferguson's own designed and built front axle suspension option for all four cylinder tractors.

10 Spacious, comfortable high visibility cab

Clear console, slim dashboard, large glass area and convenient control, operators will appreciate the highest levels of comfort.

11 Cab suspension

Mechanical cab suspension option offers extra comfort and increases productivity over long working days.

12 Cab roof and height options to suit

Choose from Standard roof or Visioline roof for unmatched loader visibility.

13 Ultimate loader tractor

Loader-ready from factory option includes a huge range of advanced features to ease mounting, use and control.

14 Simple joystick controls

Superb loader joystick choice allows operators to control the MF loader, transmission and hydraulics with the right hand.

15 High flow hydraulics

Choice of three high flow hydraulic systems, including Closed Centre Load Sensing (CCLS) option for four cylinder models.



The new power generation

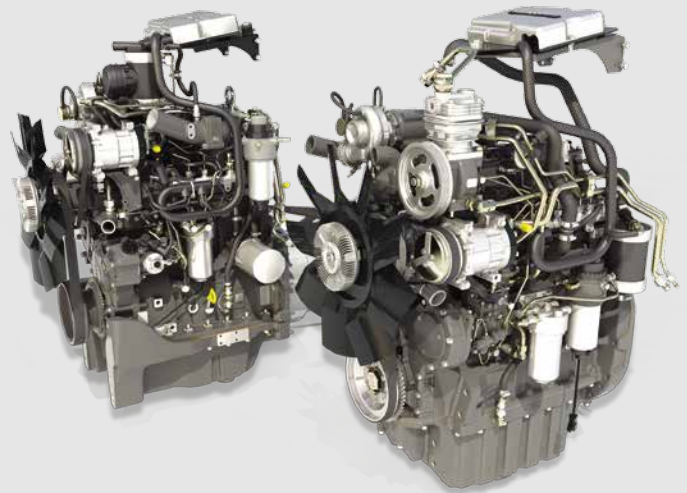
Introducing the new AGCO POWER Engines

AGCO POWER has gained an enviable reputation as one of the world's leading manufacturers of agricultural engines. More than 70 years of experience and expertise has recently been reinforced by huge investments in engineering and manufacturing. The prime focus on research and development along with state-of-the-art engineering results in the most advanced, efficient and reliable power that is the optimum driving force within every Massey Ferguson tractor.

Along with Massey Ferguson, AGCO POWER was the first to introduce the leading Selective Catalytic Reduction (SCR) system as the most straightforward, maintenance free solution to comply with today's tough emission's legislation without compromising on power and productivity. This pioneering approach provides the MF5600 Series with leading-edge three and four cylinder engines, developed

specifically for agricultural applications, to provide unrivalled performance, torque and power delivery with supreme economy.

Innovative design and clever engineering allows the MF5600 Series to be equipped with compact cooling packages, which provide unparalleled visibility for all operations without impacting efficiency.



Ground-breaking three cylinder engines

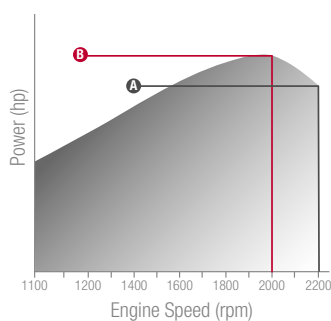
Economical, compact AGCO POWER three cylinder, 3.3 litre engines deliver 85hp to 105hp across the smaller MF5600 models and combine superb performance with efficiency.

Engine Highlights

- ▶ Developed specifically for use in agriculture, the ground-breaking 3.3 litre engine offers exceptional power density from its three cylinders. On top of providing more output per cylinder, this design is perfectly sized for the application and offers unrivalled levels of power and torque, generated at low engine speeds for optimum fuel economy.
- ▶ The ingenious design of its electronically-controlled, common-rail fuel injection and superb airflow through four valves per cylinder, provides great performance and low fuel consumption.
- ▶ The AGCO POWER three cylinder unit is very compact, allowing operators to benefit from superb visibility over the slim, steep-nosed bonnet. This also provides plenty of space for the new, easy-to-clean cooling package.
- ▶ Three cylinders means there are fewer moving parts that create less friction, further improving fuel efficiency.

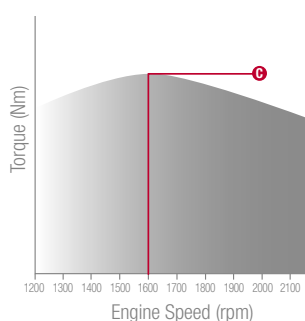
3 cylinder engine benefits are:

- ▶ AGCO POWER three cylinder, 3.3 litre engines generate maximum powers of 85hp, 95hp and 105hp
- ▶ Maintenance free, emission control technology
- ▶ Exceptional power density delivers high output per cylinder
- ▶ Electronically controlled common-rail fuel injection
- ▶ Highly efficient, yet compact cooling package for high visibility over slim, steep nose bonnet



Constant power

This curve clearly shows high power, with 'constant power' maintained down to 1570 rpm.



Torque stability

This curve clearly shows how maximum torque is maintained between 1300 and 1900 rpm for greater torque ability and constant PTO Speed.



Three cylinder powered models	MF5608	MF5609	MF5610
Max (ISO 14396) hp @ 2000 rpm	85	95	105
Max torque (Nm) @ 1600 rpm	363	405	413



Pioneering four cylinder engine power

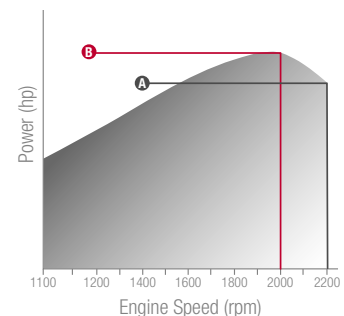
A new four cylinder, 4.4 litre AGCO POWER engine powers the 110hp and 120hp MF5600 Series models. This advanced, electronically controlled engine employs common rail fuel injection, combined with high airflow through four valves per cylinder, to efficiently manage the combustion process to deliver optimum power and economy.

The clever design means it requires just the addition of a maintenance-free Diesel Oxidation Catalyst (DOC) to the 2nd Generation Selective Catalytic Reduction (SCR) system to meet the strict latest emission regulations. This provides the enormous benefit of being able to fit a steep nose bonnet, which offers unrivalled visibility on all models.

A new automatic system cuts the low idle speed to 750 rpm from a working speed of 850rpm when the Power Control lever is put into neutral and the handbrake is applied. This helps save fuel, because evidence from our own AGCOMMAND™ telemetry system shows a high proportion on tractors spend up to 12% to 30% of their working time with their engines idling.

4 cylinder engine benefits are:

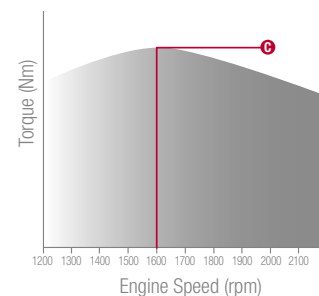
- ▶ AGCO POWER four cylinder, 4.4 litre engines generate maximum powers of 110hp and 120hp
- ▶ Maintenance free, 2nd Generation Selective Catalytic Reduction (SCR) technology
- ▶ Electronically controlled common-rail fuel injection
- ▶ Automatic low idle system cuts engine revs to save fuel when idling
- ▶ Compact and efficient cooling package provides a great view over the slim, steep-nose bonnet



Constant power

This curve clearly shows high power, with 'constant power' maintained down to 1570 rpm.

- A. Rated power
B. Maximum power



Torque stability

This curve clearly shows how maximum torque is maintained between 1300 and 1900 rpm for greater torque ability and constant PTO Speed.

- C. Maximum torque

Four cylinder powered models

Max (ISO 14396) hp @ 2000 rpm
Max torque (Nm) @ 1600 rpm

MF5611 MF5612

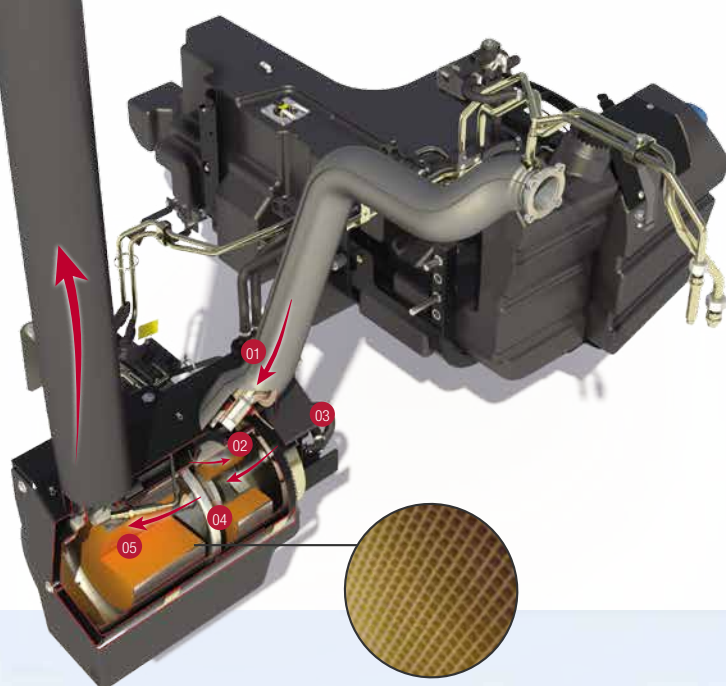
110	120
468	502



Selective Catalytic Reduction (SCR)

Working quietly in the background is the maintenance-free Selective Catalytic Reduction (SCR) system, reducing harmful emissions and improving fuel economy.

We were the first to introduce this system on tractors back in 2008, not only to meet stringent future legislation but to create a healthier environment and reduce rising fuel costs.



Selective Catalytic Reduction (SCR) process with the Diesel Oxidation Catalyser (DOC)

- 01 The exhaust gases leave the turbocharger and enter the DOC cylinder.
- 02 The exhaust gases go through the Diesel Oxidation Catalyst (yellow). Carbon monoxide (CO), gaseous hydrocarbons (HC) and particulate matter (PM) are neutralised here. Nitrogen oxides are prepared to react with the urea.
- 03 Carefully controlled injection of AdBlue occurs.
- 04 The gases that have mixed with the AdBlue leave the DOC to pass through the catalyst.
- 05 As the gases pass through the catalyst, the NO^x is converted into harmless nitrogen and water.
- 06 Clean air and water vapour leave the exhaust pipe.



Dyna-4 or Dyna-6 – always the right choice



We have developed new versions of our renowned Dyna-4 and Dyna-6 transmissions specifically optimised for use in MF5600 Series.



Transmission	Dyna-4	Dyna-6
Cab interiors	Essential	Efficient
MF5608	●	
MF5609	●	
MF5610	●	
MF5611	●	●
MF5612	●	●

All the three cylinder MF5600 Series tractors – from 85hp to 105hp – are equipped with the Dyna-4 transmission as standard, while the more powerful 110hp and 120hp, four cylinder powered models can be specified with either Dyna-4 or Dyna-6.

These Massey Ferguson transmissions are renowned for their outstanding robust reliability with smooth and effortless operation, offering completely clutchless control via the left-hand Power Control or levers on the right-hand console or armrest, as well as on the convenient loader joystick controls.

A new brake-to-neutral function is standard on both transmissions. As soon as the brake is pressed it simultaneously operates the clutch. This eases the load on the operator, while increasing efficiency and convenience and particularly useful for loader operations.

To ensure smooth progress, Speedmatching is specified as standard on Essential versions to ensure that the most appropriate Dynashift ratio is automatically selected when range changes are made. Advanced AutoDrive is standard with the Efficient specification and an option on all Essential versions. Supercreeper speeds and Comfort Control are also available – depending on model specification.



Simple, multi-function left-hand control

The exclusive Power Control lever provides convenient three-in-one, straightforward operation. Operators can shuttle between forward/reverse, shift Dynashift speeds and ranges and select neutral, leaving the right hand free to operate the loader or implement hydraulics.



Right-hand T-handle

Simply move the T-shaped transmission control lever forwards or backwards to change up or down through the 4 or 6 Dynashift ratios. To change range, simply press the range selection button as you move the lever.



AutoDrive

AutoDrive provides automatic operation, and operates in two modes. In 'Tortoise' setting it changes the Dynashift speeds within the ranges, while in 'Hare' it shifts the Dynashift speeds and the ranges (in Pedal Mode).



Supercreeper

Close control in specialist low-speed tasks is assured with additional supercreeper gears, enabling forward speeds as low as 0.1 km/h to be achieved.



Comfort Control

Smooth or quick shuttling – you choose by simply adjusting the Comfort Control that suits the job – slow and smooth or fast and efficient.

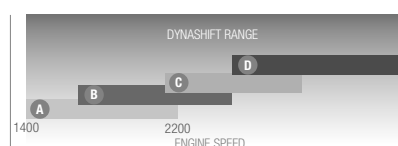
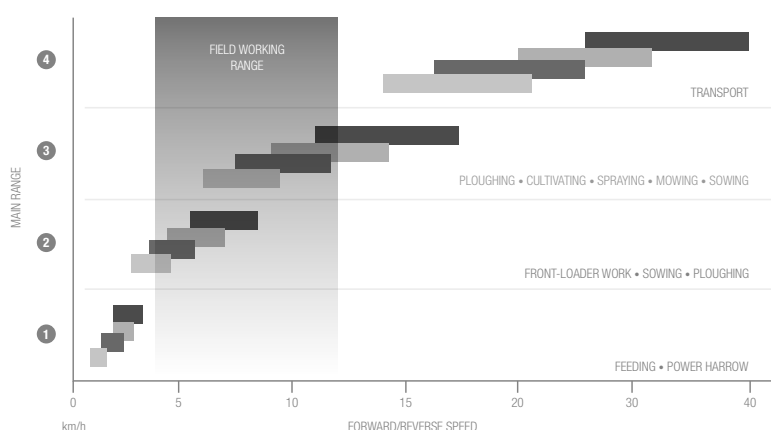
Dyna-4 – Efficiency at your fingertips

The impressive performance and efficient design of the Dyna-4 transmission provides unbeatable productivity, control and convenience, with completely clutchless shifting of 16 forward and 16 reverse speeds.

All MF5600 Series models can be equipped with a Dyna-4 transmission – each of which has been developed especially to handle the power of your MF5600 Series tractors. These

transmissions are packed with advanced features and automatic functions, yet are reassuringly easy to operate.

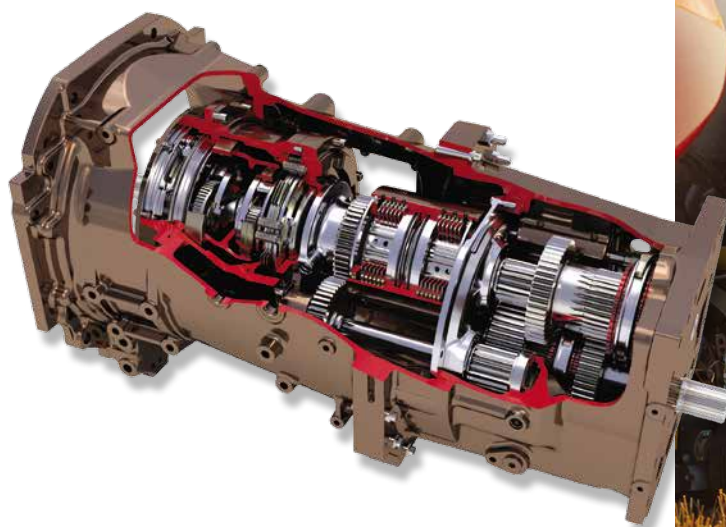
Dyna-4 provides class-leading, simple and convenient control using either the left-hand Power Control or right hand T-lever. There's also a choice of loader joysticks that also change direction and shift speed.



Dyna-4 offers four Dynashift changes in each range with excellent overlap Field Working range to ensure you can always select the right speed to suit all tasks and conditions. The maximum 40km/hr top speed improves efficiency on the road.

Dyna-4 Highlights:

- ▶ Exceptional performance in the yard, field or on the road – 16 forward and 16 reverse speeds on one lever, all shifted without using the clutch. Speedmatching selects the best dynashift ratio when shifting range
- ▶ Ultimate ease of use with left-hand Power Control lever, T-Lever or optional Joystick control
- ▶ Convenient loader operation, with Comfort Control to set smooth or rapid shuttling
- ▶ Brake to neutral function

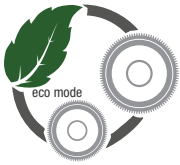


Dyna-6 – performance, refined



Developed specifically for the 110hp and 120hp efficient models, the Dyna-6 transmission is ideally suited to match the four cylinder long wheelbase tractor's exceptional versatility. As well as delivering the outstanding control convenience features for efficient loader operation, it also offers outstanding field-work features.

Dyna-6 offers nine speeds in the Field Working range, plus an excellent overlap for supreme flexibility in all operations. All speeds are changed with the clutch under load, with AutoDrive offering automated shifting. The 40km/hr top speed makes for fast, efficient transport.

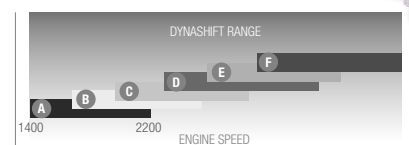
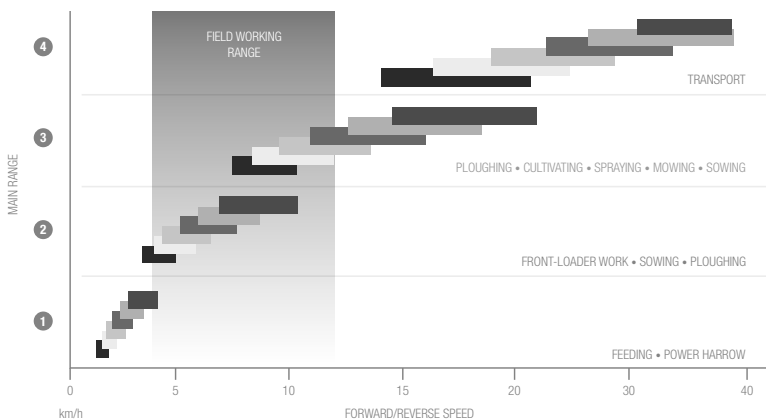


ECO Transmission

In ECO Mode the tractor will reach maximum speed but with lower engine revs, particularly useful in transport applications. The drop in revs ensures less fuel is used plus a significant drop in noise level as well as an even better driving experience.

Dyna-6 Highlights:

- ▶ Maximum productivity with 24 forward and 24 reverse speeds, without using the clutch
- ▶ Power Control lever offers three functions in one – forward/reverse shuttle, declutch and speed shifting
- ▶ Nine speeds in the Field Working Range
- ▶ Brake to neutral function
- ▶ Supercreeper speeds
- ▶ Eco mode as standard
- ▶ Only available on Efficient 4 cylinder models



Dyna-6 provides six Dynashift changes in each range providing a 24 forward and 24 reverse speeds, with an excellent overlap and a total of nine speeds in the Field Working range.

Welcome to your workplace

We take great care to ensure that as an MF5600 operator, you will always benefit from an outstandingly quiet and comfortable cab, which combines unrivalled visibility with a superb control layout to reduce fatigue and create a more productive, peaceful workplace.

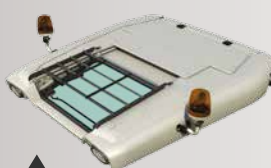
The high quality cab, is furnished to the highest standards with a large front screen for excellent visibility across the steep nosed bonnet. It is equipped with a host of features that ease your workload and boost overall performance.

A choice of Essential or Efficient cab options means you can also tailor your tractor to exactly suit your specific needs. The choice of a Visio or standard roof allows for the best mix of comfort and visibility.

Mechanical suspension is an option across the range and all four cylinder powered tractors can also be specified with a new front axle suspension system.

Tailor the roof to fit

A choice of roof types allows you to tailor your MF5600 Series tractor to offer excellent access to buildings and suit your exact needs. The standard cab position has a fully flat floor and, combined with the standard roof and cab suspension option, offers optimum comfort.



Visio roof with FOPS

Information where you need it

Clear, bright instruments sit within a slim dashboard and show vital operating information. A wide range of functions can be set and adjusted on the dot matrix screen.



All in the right place

The right-hand pillar houses less frequently-used switches that are still an integral part of the working day. Here you will find working lights, rear PTO selection, rear linkage settings as well as control of the Combine Flow hydraulics.



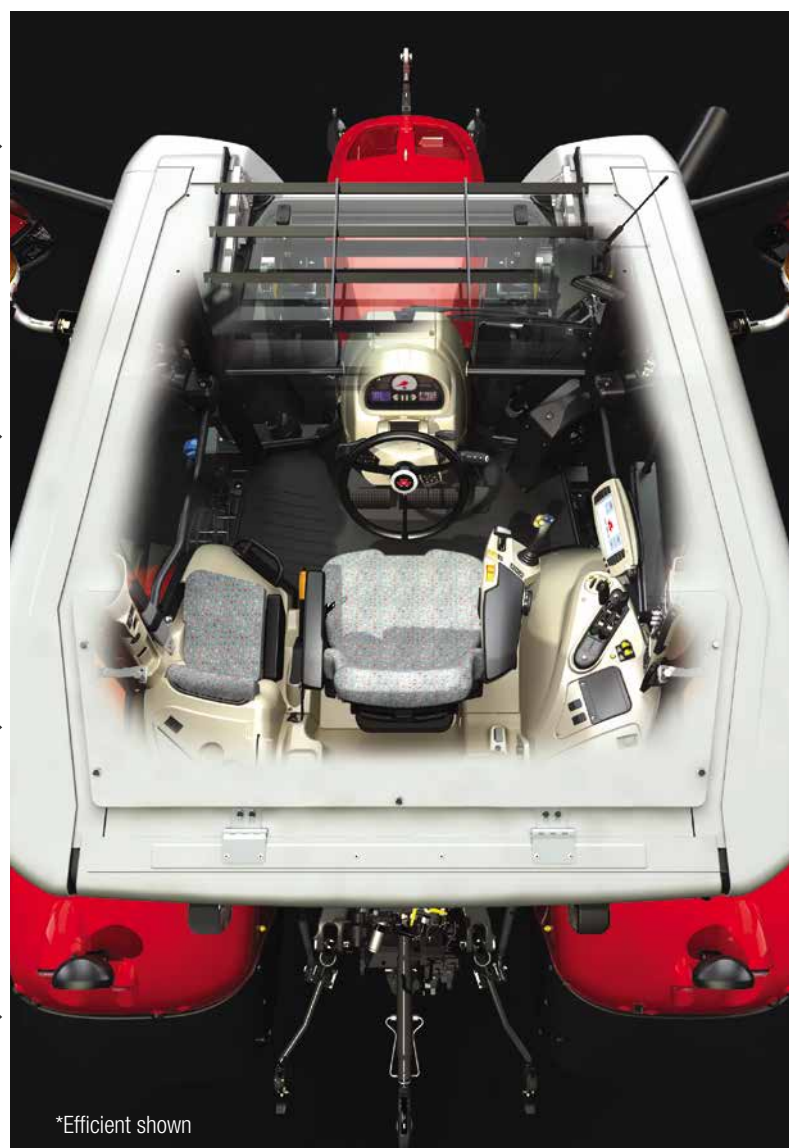
Top class comfort

There is a choice of seats to suit particular workload and tasks. Mechanical suspension is ideal for road application, while an automatic air suspended seat provides extra comfort for long days.



Easy cab access

You can get into the cab through either the left or right doors, with great access up wide, well-spaced steps. The bottom step is fully-adjustable so you can choose the most convenient, comfortable height.



*Efficient shown

Essential

Straightforward, practical design makes operation easy

Essential is the base specification for the MF5600 Series, but it is anything but basic. It provides all the key elements you would expect from Massey Ferguson, with a blend of simplicity, ease of use and versatility to fit needs that require power and performance without excess sophistication.



Standard Essential features include:

- ▶ Control Centre with T-handle transmission lever
- ▶ Dyna-4 16x16 semi-powershift transmission
- ▶ Brake to Neutral Clutch Effect to place the transmission into neutral when you brake
- ▶ Mechanical control of spool valves
- ▶ Air Conditioning with manual adjustment

Essential specification options:

- ▶ Integrated front linkage and PTO
- ▶ Mechanical cab suspension
- ▶ Mechanical Multifunction loader joystick
- ▶ AGCOMMAND™ Telemetry System Ready

The Essential Cab controls

Available for all MF5600 Series tractors and intuitively placed to ensure ultimate productivity at all times, the Essential Cab console holds all the frequently used controls. Each instrument is clearly defined and laid out, providing quick and easy access to them. The pillar houses the less used switches as well as working lights and the ignition key.



Up to four lockable spool valves
can be specified as an option

Transmission control lever for
effortless speed and range changes

Hand throttle

Electronic linkage control

Linkage depth control



Efficient

Productivity at your fingertips

The efficient cab controls

Dedicated to delivering increased productivity thanks to key features, the Efficient package will enable the operator to work faster, to a higher standard and with more accuracy. The Efficient specification is available for all four cylinder, 110hp to 120hp MF5600 Series tractors. It comes with Dyna-6 transmission, with AutoDrive as standard.

Loader ready tractors come standard with an electronic Multifunction joystick, which is integrated into the Armrest console. As well as operating the loader and transmission functions, this can also be used to control the optional front linkage.



Standard Efficient features include:

- ▶ Dyna-6 transmission with AutoDrive
- ▶ Air Conditioning with manual adjustment
- ▶ Air suspended seat
- ▶ Electrical and mechanical controls of spool valves
- ▶ Multifunction joystick with transmission control

Efficient specification options:

- ▶ Mechanical cab suspension
- ▶ Integrated front linkage and PTO
- ▶ Datatronic 4 CCD Console
- ▶ AGCOMMAND™ Telemetry System Ready
- ▶ Electronic loader ready
- ▶ Front axle suspension



The optional Datatronic 4 Control Centre Display (CCD) has a perfectly positioned 7" colour monitor. It is fully adjustable to meet the operator's eye level. The CCD displays important tractor information, memorises tasks and offers greater automation for headland management. The CCD has ISOBUS capabilities and can be fitted with a camera.



Worklights and beacons control panels

Electronic rear linkage adjustment

Standard electronic control multi-function loader joystick



Up to four lockable spool valves can be specified

Transmission control lever for effortless speed and range changes

Electronic linkage control

Linkage depth control

Hand throttle



The unrivalled loader specialist

MF5600 Series tractors are designed specifically to provide optimum handling ability when coupled with the MF900 Series loaders. The perfect combination – both are fully integrated from the factory to deliver ultimate performance.

Ultimate loader specification

Tractors ordered as 'loader ready' come with a range of unrivalled factory-fitted features and only require the fitting of loader beams and implements.

- ▶ Fully integrated loader sub-frame
- ▶ Pre-installed pipes to the spool valves mounted on the loader bracket
- ▶ Choice of mechanical or electronic joysticks

Mechanical or Electronic control provides:

- ▶ Additional functions set on the dashboard dot matrix display
- ▶ Speed setting for the bucket shaker system*
- ▶ Automatic engine speed selection when joystick is moved*
- ▶ Lock/unlock of the attachment pins
- ▶ Hydraulic flow rate setting*
- ▶ Loader suspension on/off
- ▶ Transmission to neutral with brake setting
- ▶ Operation of the 3rd and 4th loader functions

* Efficient only



MF5600

		MF900 Series loaders without parallel linkage		MF900 Series loaders with parallel linkage		
		MF941*	MF951*	MF949	MF956	MF956X
MF5608		●	●	●	●	●
MF5609		●	●	●	●	●
MF5610		●	●	●	●	●
MF5611		●	●	●	●	●
MF5612		●	●	●	●	●
Lift height to pivot pin	m	3.75	4.0	3.90	4.0	3.90
Lift capacity at max. height at pivot pin	Kg	2150	2310	1890	2060	2440
Lift capacity ground level at pivot pin	Kg	2810	2920	2220	2520	2790
Min rollback angle	Degrees	43	46	44	44.8	44
Max dump angle	Degrees	59.7	55.5	54	55	52

* NZ only

MF5600 Series: Ultimate loader features

- ▶ Excellent visibility over slim dashboard and narrow steep-nose bonnet
- ▶ Highly manoeuvrable, agile design
- ▶ Two cab positions and a choice of Standard or Visioline roofs
- ▶ A choice of three hydraulic systems provide exceptional pressure, flow and response
- ▶ Left-hand Power Control lever or right-hand T-handle change direction, shift speeds and selects neutral
- ▶ A choice of joysticks operate the loader, as well as change direction and change speeds
- ▶ Brake to Neutral function – Brake activated transmission to neutral
- ▶ 'Comfort-Control' – Adjustable shuttle sensitivity – from slow and smooth to fast and dynamic
- ▶ Tractors ordered 'Loader ready' require just the fitting of the quick coupler, loader beams and implement

MF900 Series: The ultimate loader

- ▶ Designed for fitting MF5600 Series tractors
- ▶ Clean beam design offers unrivalled visibility and safety
- ▶ Enclosed pipework reduces the risk of damage
- ▶ 'Lock & Go', semi-automatic connection and removal system simplifies mounting
- ▶ Fast coupling of all hoses
- ▶ Soft Drive absorbs shocks and protects operators and the machine from shock loads
- ▶ Fully integrated operation through range of MF5600 Series joysticks
- ▶ Simple fitting of a wide range of implements

All under control

All MF5600 Series tractors come with a choice of different multi-function joysticks that allow operators to control the loader, hydraulics and transmission at the same time, without taking your hand off the steering wheel for optimum accuracy and safety at work.

- ▶ Mechanical multi-function joystick
- ▶ Electronic
 - Efficient
 - Integrated into armrest



'Multifunction' joystick main functions:

- A. Lift
- B. Lower
- C. Fill
- D. Dump

Combined functions:

- A/C. Lift and fill
- A/D. Lift and dump
- B/C. Lower and fill
- B/D. Lower and dump – bucket adjustment to horizontal position

Unlock the potential

Hydraulics and Power Take Off

The key to reliable, hard-working machinery is to choose a tractor that meets the requirements of today's modern implements and utilises them to their full potential within a wide range of agricultural applications. The MF5600 Series has excellent lift capacity and loader capability with outstanding hydraulic potential and PTO specifications to give you total operating flexibility.

Advanced hydraulics

Simple, effective hydraulic system

58 litre/min of oil is available for linkage and external hydraulic functions. Plenty of flow and pressure to cater for lifting heavy equipment or powering ancillary accessories.

100 litre 'Combined' flow option

100 litre/min oil flow is achieved at the press of a button, a higher flow is made available to give extra speed and power for loader operation.

New 110L/min closed center load sensing option

Available on the Efficient models only, the 110L/min flow through the load sensing system gives the optimum in power and control for implements with the biggest appetite for hydraulic capacity.

High efficiency PTO

The PTO stems from a simple driveline giving maximum power transmission. PTO speed selection is electrohydraulic. Rocker switches are conveniently placed in the console.





PTO Engagement

PTO engagement remains electro-hydraulic using the same 3-position safety switch (On, Off, and Lock/Brake). Standard external fender mounted switches are available for PTO engagement and disengagement.

- ▶ 540/ 540 Economy/1000 rev/min 'economy' offers standard and ECO PTO speed at 1560 engine revs to save fuel and cut production costs
- ▶ Electrohydraulic selection switches give optimum convenience to the operator
- ▶ PTO STOP/START button on the rear fender allows the operator to use attached machinery safely and securely from the exterior of the tractor cab
- ▶ Automatic PTO will engage and disengage when the rear linkage is raised and lowered
- ▶ Optional front PTO available



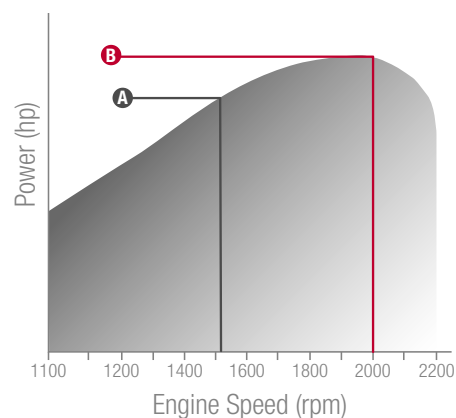
Operator control comes from the switch mounted on the right-hand console



Electro-hydraulic PTO speed selection

The alignment of the available PTO speeds to engine speed has been designed to ensure optimum utilisation of the AGCO POWER engine power and torque characteristics, whilst minimising fuel usage for maximum productivity and efficiency.

- A. 540 Eco PTO speed @ 1,560 rpm
- B. 540/1000 PTO speed @ 2,000 rpm



Serious about hard work

Both the front and rear axles on the MF5600 Series have been specially designed to work harder, tackling the toughest jobs with ease. Our rear axle design provides you with a strong, rigid and safe location for the brakes, differential lock, 4WD clutch and PTO driveline.

Industry-leading Electronic Linkage Control (ELC) as standard

The latest ELC system provides precise and responsive control of the linkage functions, ensuring accurate control of the depth of work for soil engaging implements plus working height for non-soil engaging implements.

The controls include the mouse and a simple panel which provide a convenient and simple control of the linkage. Active transport control is also a highly useful standard feature. External lift/lower control is located on the right and left hand fenders.

The ELC 'mouse' is placed specifically to the right of the operator to provide quick and easy access, allowing precise control of implement depth and lifting and lowering of linkage.

The Electronic Lift Control panel allows straightforward adjustment of other rear linkage functions for enhanced productivity.

Highly specified three-point linkage

The rear linkage has been optimised specifically to complement this size of tractor. It boasts an impressive lift capacity of up to 5,200 kg, meaning that heavy-mounted equipment can be lifted with ease.

Fully adjustable lift rods and heavy-duty stabilisers provide adjustment for the correct attachment and setting of a wide range of mounted and semi-mounted implements.





ELC controls



Fender mounted rear linkage controls

Functions include:

- ▶ Position/Intermix/Draft control – For precise operation with all types of implement
- ▶ Rate of linkage lowering control – For optimum performance and safety, including lock
- ▶ Maximum lift height control – Adjust the lift height accurately and protect PTO drive shafts, safeguard both tractor and implement and reduce cycle times during headland turns
- ▶ Lift/Lower/Height/Depth control – Allows for precise adjustment and ensures accurate control
- ▶ Active Transport Control (ATC) – Provides shock dampening for the rear linkage and protects the tractor during transport of heavy implements, resulting in improved driver comfort

Compact Integrated Front linkage for complete versatility

Take full advantage of the power of the MF5600 Series to boost productivity with front and rear combinations. The close coupled front linkage is an integral part of the design, maintaining the tractor's compact dimensions, which aids stability and manoeuvrability.

With a lift capacity of 2,500 kg, the front linkage can handle modern implements with ease and great control. On all efficient tractors you can even employ the electronic joystick option to operate the linkage.

- ▶ Electrical plug
- ▶ One set of hydraulic couplers (standard)
- ▶ Front PTO option
- ▶ Improved ground clearance enables the tractor to be used in difficult and tough terrain



In total control

Automated control

- ▶ Transmission controller automates frequently used functions, including differential lock, PTO and transmission Speedmatching

True four-wheel drive

- ▶ Hydralock provides true four-wheel drive with fast and full simultaneous activation of the front and rear differential locks
- ▶ Centre-mounted (enclosed) driveshaft offers excellent ground clearance
- ▶ Tight steering angle for optimum manoeuvrability for loader work and quick headland turns in the field

Fade free braking

- ▶ Safe and efficient braking from large disc brakes cooled by constant pressure lubrication

Auxiliary spool valves

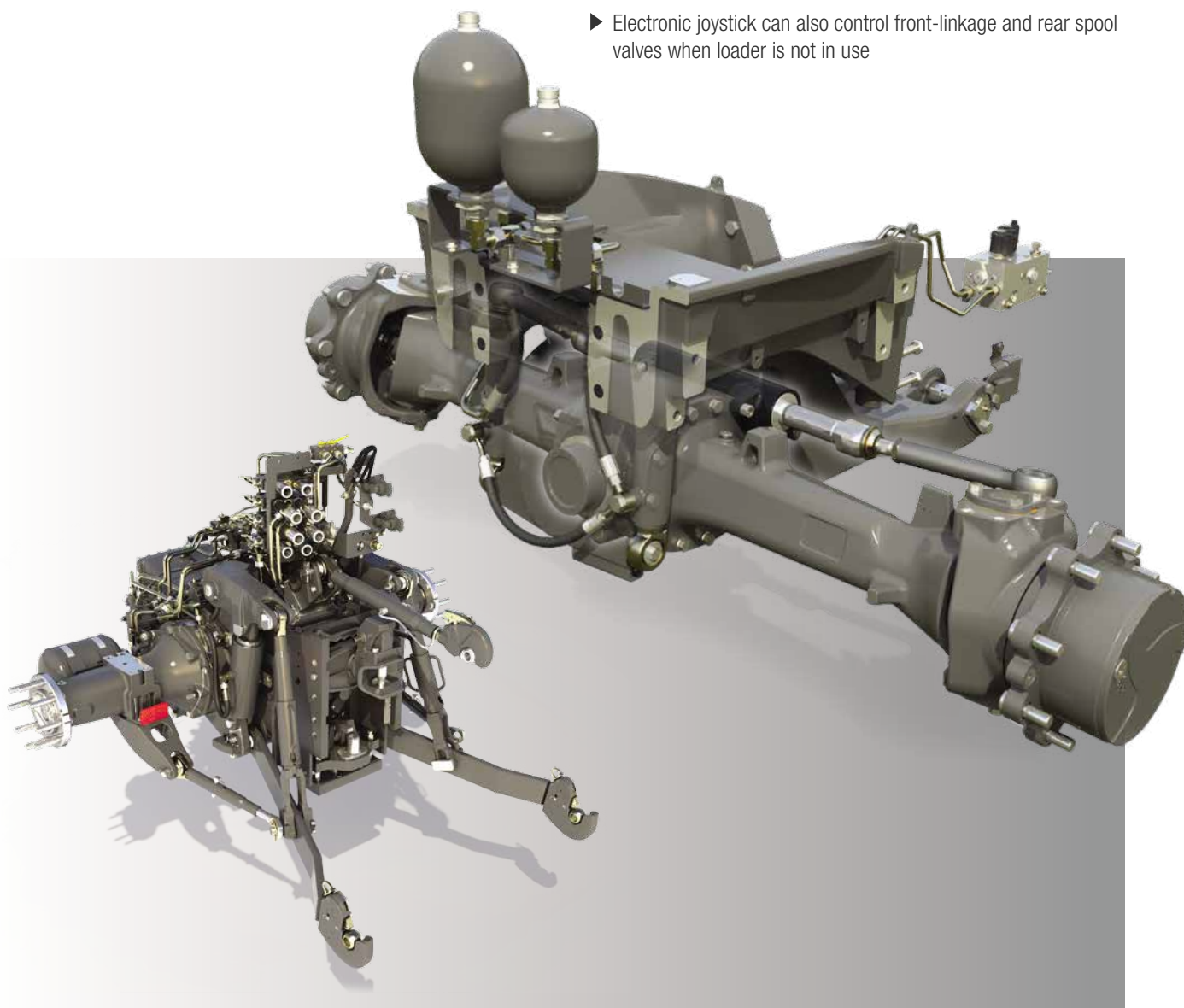
- ▶ A large choice of spool-valves and control options to help you get the most out of modern implements, while easing operation
- ▶ Available with three to four spool valves
- ▶ Mechanical lever control on Essential versions with Open Centre and Combined flow systems

Front axle suspension

Extra comfort and improved traction is delivered by a new and innovative front suspension option, developed by Massey Ferguson exclusively for the longer wheelbase MF5600 tractors from 110hp to 120hp.

The simple design produces superb ride comfort, turning angle and offers full angle of oscillation as well as maximising ground clearance.

- ▶ Electronic joystick control with Closed Centre Load Sensing and 110 l/min tractors, with fingertip electro-hydraulics as an option of efficient models
- ▶ Electronic joystick can also control front-linkage and rear spool valves when loader is not in use



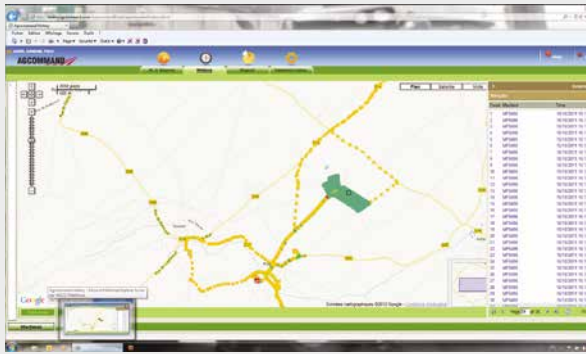


AGCOMMAND™ – Telemetry



AGCOMMAND™ is the perfect fleet management and monitoring tool for large businesses, contractors or anybody who needs to keep a close eye on equipment out working – at all times. Operating data is collected automatically, transferred wirelessly

and displayed in near real time on a secure webpage or IOS app. Part of the Fuse Technologies, it can be fitted to a wide range of equipment to create a comprehensive, universal system.



Vehicle history map

The vehicle history map shows you where the tractor has been during a selected period of time. You can view where the tractor stopped, where it was working and travelling from and to via a Google plan or satellite view. AGCOMMAND™ Advanced can show parameters collected with the CANBUS. For example, you can see engine load, slippage, fuel level and consumption. The machine is traceable at all times.

Efficiency report

It is possible to create two types of report within this function:

Time efficiency (percentage of the total engine hours of each status) and **Distance efficiency** (percentage of working/headland/transport of the total distance travelled by the machine).

The report will show the time the machine was working and/or in the headland, in transport mode and not moving. The fleet owner can analyse quickly the efficiency and driving ability of his driver. This report gives total time and distance and can be made for up to five machines at one time. This data can be exported into manageable PDF or excel files to be worked on via PC or laptop.



Dashboard

AGCOMMAND™ Advanced allows you to view machines up to 30 minutes a day in near real time. You can view the main parameters available through the virtual dashboard via a PC or laptop. For example you can alert the driver, without having to call them, if the fuel consumption appears too high or even to adjust settings to achieve maximum output. AGCOMMAND™ Advanced is the perfect tool to help contractors and managers ensure that even less experienced drivers get the best out of their machine.



Take all the benefits of AGCOMMAND™ to the field with the new AGCOMMAND™ app (iPads, iPhones). The app offers all the same functions as the desktop version including an overview of machine data – position, address and weather.

Scan me to get the app!



Servicing made easy

Servicing is straightforward and simple, taking the stress out of maintaining your tractor and leaving you with more time in the field.

The cab air filter can be removed easily for servicing.



The waisted bonnet and good design provide easy access to the engine oil dipstick and filters.



The well-proportioned cooling package is easy to access, clean and maintain. The engine air filter is also reached easily.



The compact cooling package provides excellent visibility over the slim, narrow bonnet, while still providing plenty of room for cleaning and servicing.



Total Support

There when you need it

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.



Industry-leading parts supply from AGCO Parts.



Standard and optional equipment by cab type

	 	
Models	Essential	Efficient
High visibility bonnet	●	●
Transmission		
Power Control Shuttle	●	●
T lever on control centre	●	-
T lever on armrest	-	●
Dyna-4 40 km/hr Speedmatching	●	-
Dyna-4 40 km/hr Autodrive	○	-
Dyna-6 40 km/hr Autodrive	-	●
Supercreeper	○	○
Operator environment		
Standard cab	●	●
Mechanical cab suspension	○	○
Standard roof	●	●
Visio roof	○	○
Standard Air Conditioning with manual adjustment	●	●
Automatic Air Conditioning / climate control	-	○
Cool box	●	●
Air suspended swivel seat	●	-
Automatic air suspended seat	○	●
Auxiliary seat	●	●
Radio pre-wired	●	-
Radio – CD - MP3 - Equalizer, bluetooth, USB and front aux	○	●
Telescopic large side mirrors	●	●
Telescopic Large Side Mirrors with Electric Adjustment and de-icing	-	○
Radar and slip control	○	●
CCD/Datatronic 4 with video and isobus capability	-	○
Headland Management System	-	○
AGCOMMAND™ ready	○	●
Chassis and hydraulics		
Mechanical control of spool valves	●	-
Electrical and mechanical control of spool valves	-	●
Power Beyond	-	○
Loader ready with mechanical multifunction joystick	○	-
Loader ready with electrical multifunction joystick	-	○
Electronic linkage control with active transport control	●	●
Auto PTO function (linkage activation)	○	●
Four wheel drive	●	●
Diff lock	●	●
Auto 4-Wheel-Drive and Auto DiffLock functions	●	●
Telescopic stabilisers	●	●
Integrated front linkage	○	○
Integrated front PTO	○	○
Electrical equipment		
Automatic Isolator switch	●	●
ISO signal connector	-	●
External lift control on fenders	●	●
External PTO start/stop control on fender	●	●
Worklights	●	●
Additional worklights on handrails and rear fenders	○	○
Other equipment (Specifications may vary by market)		
* Suspended front axle	○	○
Pivoting front fenders	○	○
Hydraulic trailer brake	○	○

* 4 Cylinder Models only
 - Not available
 ● Standard specification
 ○ Optional

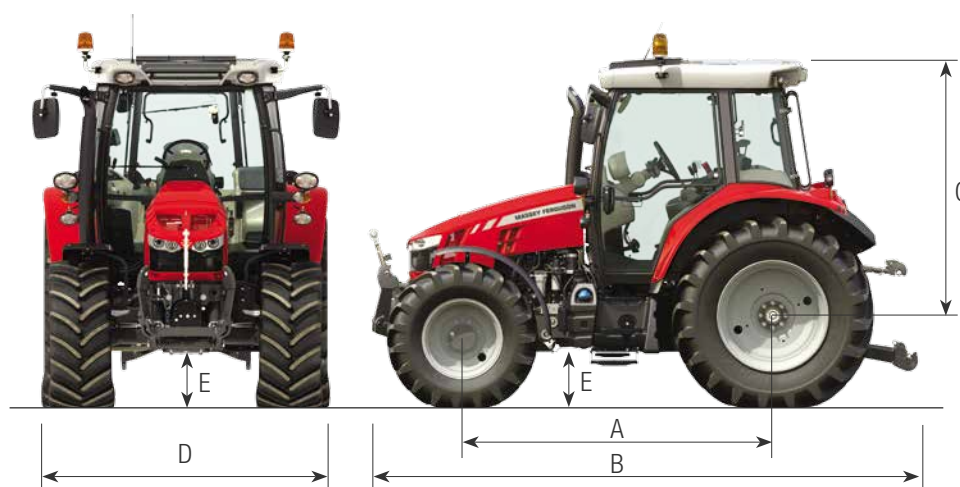
Specifications as standard

Engine	MF5608	MF5609	MF5610	MF5611	MF5612
Engine Type	AGCO POWER Electronic Injection / Common Rail / Turbocharged and Intercooled				
Size (L)/Cylinders (No)	3.3 / 3			4.4 / 4	
Max hp (kW)* @ 2000RPM	85 (63)	95 (70)	105 (77)	110 (81)	120 (88)
Max Nm torque* @1600RPM	363	405	413	468	502
PTO hp (kW) @2000RPM	70 (52)	80 (60)	89 (66)	93 (69)	101 (75)
Transmission - Essential Dyna 4					
Type	Dyna 4 - 16F/16R Semi-powershift with left-hand Power Control Lever				
Powershift Speeds	4				
Ranges (robotised)	4				
Minimum Speed (km/h) @ 1400rpm with supercreep	1.3				
Transmission - Efficient Dyna 6					
Type	-			Dyna 6 - 24F/24R Semi-powershift with left-hand Power Control Lever	
Powershift Speeds	-			6	
Ranges (robotised)	-			4	
	-			1.1	
Eco Mode	-			STANDARD	
PTO(Rear)					
Operation / Control	Independent / Electro hydraulic				
Standard PTO speeds	540 / 540E / 1000				
Engine RPM at standard speed	2000				
Engine RPM at economy speed	1560				
Shaft	6 & 21 spline				
PTO (Front)					
Type	Independent / Electro hydraulic / 6 spline				
PTO Speed (RPM)	1000				
Hydraulics					
Internal services (Stage 1)	32 L/min (Steering, Brakes, diff-lock, PTO & other internal services)				
Auxiliary services - Essential Standard	Open Centre - 58 L/min (Spool valves and linkage)				
Auxiliary services - Essential Option	Open Centre - 58 L/min (Linkage) + 42 L/min (Spool valves) OR Combined for 100L/min (Spool valves)				
Valves - Std (Opt)	3 (4)				
Auxiliary services - Efficient Standard	-			Open Centre - 58 L/min (Linkage) + 42 L/min (Spool valves) OR Combined for 100L/min	
Auxiliary services - Efficient Option	-			Closed Centre - 110L/min (Linkage and Spool valves)	
Valves - Std (Opt)	-			4	
Maximum Pressure - bar	200				
Linkage					
Controls	Electronic (Height/Depth, MF Draft Control, Intermix, Maximum Height, Lower Rate and Transport Shock Absorber)				
Rear - Maximum Lift capacity (kg)	4300			5200	
Front - Maximum Lift capacity (kg)	2500				
Rear Link type	Cat 2 Hook ends			Cat 3 Hook ends	

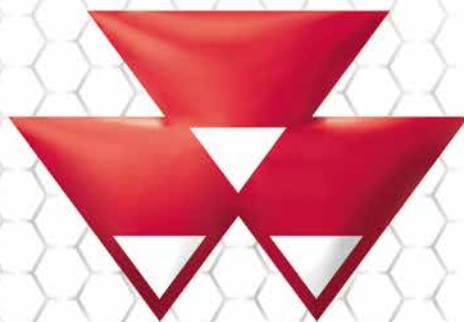
Brakes	MF5608	MF5609	MF5610	MF5611	MF5612
Type	Electro hydraulic / Oil cooled				
Differential Lock					
Type	Hydralock rear axle and front axle				
Weights and Dimensions					
Weight (kg)	4200	4300	4800		
Approximate height (mm)	2755			2779	2822
Wheelbase (mm)	2460			2550	
Turning Circle (m)	7.9			8.5	
Fuel tank Capacity (L)	160			180	

	MF5608 / 09 / 10	MF5611 / 12 / 13
A – Wheelbase – mm	2460	2550
B – Overall length from front weight frame to rear linkage arms – mm	4253	4358
B – Overall length from front weights to rear linkage arms – mm	4659	4771
B – Overall length from front linkage (transport position) to rear linkage arms – mm	4354	4488
C – Height from rear axle to top of cab with standard roof – mm	2002	2026
C – Height from rear axle to top of cab with Visioline roof Standard, flat floor cab – mm	2054	2078
D – Width, with (min / max) – mm	2020 / 2340	2020 / 2360
E – Ground clearance (with 420/85 R38 tyres) – mm	405	405

Dimensions



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.



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