



85 - 130 HP | **MF 5600**



FROM MASSEY FERGUSON

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created for you



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Beauvais, France

| Centre of Engineering and Manufacturing Excellence



The €250m 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

With more than 50 years of farming experience and expertise, Massey Ferguson has created the MF 5600 for you. Whether the day starts feeding cows and moving loads and proceeds through mowing and baling, or spraying and spreading, ploughing and cultivating, the MF 5600 tractors are designed and engineered to handle the workload.

Purpose built for the 85hp to 130hp sector the MF 5600 Series offers the choice of six different models, designed on two distinct chassis sizes with a practical range of powers. The compact, pioneering 85hp to 105hp, 3.3 litre three cylinder or an advanced 4.4 litre, four cylinder engine delivering 110hp to 130hp.

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 by AutoDrive. 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 MF 5600 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.





We know no two farms are the same, every day brings its own challenges and every task must be carried out quickly and efficiently. That's why we have developed the MF 5600 Series – **the ultimate go anywhere, do anything workhorse.**

MF 5600

MF 5600

The MF 5600 Series provides a choice of three or four cylinder models so you can select exactly the right power, wheelbase, dimensions and weight to precisely match what you need for your farming business.



Pure power and performance from Massey Ferguson



MF 5600	MF 5608	MF 5609	MF 5610	MF 5611	MF 5612	MF 5613
Max power @ 2,000 rpm (hp)	85	95	105	110	120	130
Max Torque @ 1600 rpm	363	405	413	468	502	545
Transmission Type	Dyna-4	Dyna-4	Dyna-4	Dyna-4/Dyna-6	Dyna-4/Dyna-6	Dyna-4/Dyna-6
Engine Type	AGCO POWER 3.3l/3 cylinder EGR			AGCO POWER 4.4l/4 cylinder SCR		
Cab Type	Essential/Panoramic cab			Essential/Efficient/Panoramic cab		

Highlights

- Two distinct engine choices
 - Compact, agile short wheelbase models with powers from 85hp to 105hp
 - Purpose built, long wheelbase powered, 110hp to 130hp 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 MF 5600 !

Designed and built specifically for all you need to do

01 AGCO POWER engines

Pioneering 85hp to 130hp 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 thanks to innovative engine and cooling package design.

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

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

07 High flow hydraulics

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

08 Electronic linkage control

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



**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, Visioline and Slimline roofs and two cab height positions to help with access to every building.

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 Integrated front linkage and PTO

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

MF5600

* See specifications for details as equipment may vary according to models and cab options. Don't hesitate to ask your local MF dealer and distributor.

MF 5600



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 and combine.

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 the tough emission's legislation without compromising on power and productivity. This pioneering approach provides the MF 5600 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 MF 5600 Series to be equipped with compact, highly efficient cooling packages, which provide unparalleled visibility for all operations.





Ground-breaking three cylinder engines

Economical, compact AGCO POWER three cylinder, 3.3 litre engines deliver 85hp to 105hp in the MF 5600 Series and combine superb performance with efficiency.



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/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/cylinder, provides great performance and low fuel consumption while meeting the emissions limits.

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. With overall economy enhanced by the long, 500-hour service intervals.

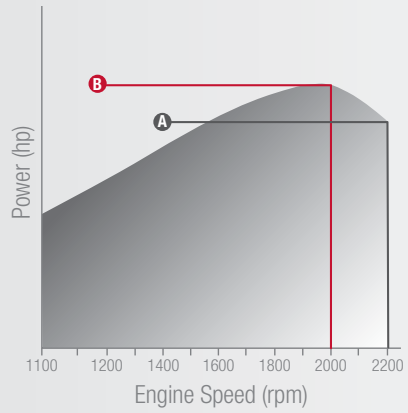
Highlights

3 cylinder engines benefits are:

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

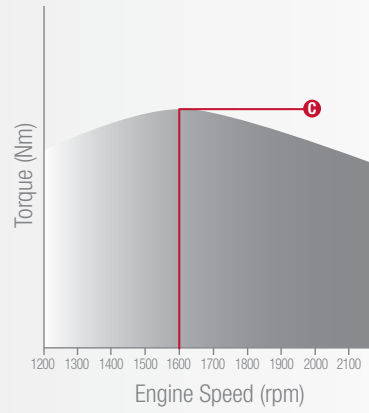
Three cylinder powered models	MF 5608	MF 5609	MF 5610
Max (ISO 14396) hp @ 2000 rpm	85	95	105
Max torque (Nm) @ 1600 rpm	363	405	413





Constant power

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



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

- A. Rated power
- B. Maximum power
- C. Maximum torque

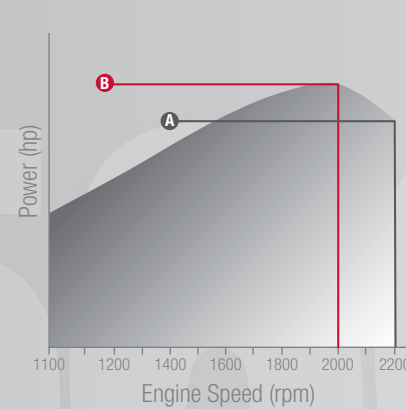


Pioneering four cylinder engine power

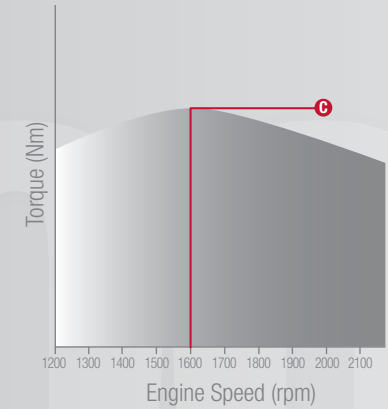
A new four cylinder, 4.4 litre AGCO POWER engine powers the 110hp to 130hp MF 5600 Series models. This advanced, electronically controlled engine employs common rail fuel injection, combined with high airflow through four valves/cylinder, to efficiently manage the combustion process to deliver optimum 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. Overall economy is further improved by the long, 500hr service intervals.



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



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

- A. Rated power
- B. Maximum power
- C. Maximum torque

Four cylinder powered models

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

MF 5611	MF 5612	MF 5613
110	120	130
468	502	545



4 cylinder engines benefits are:

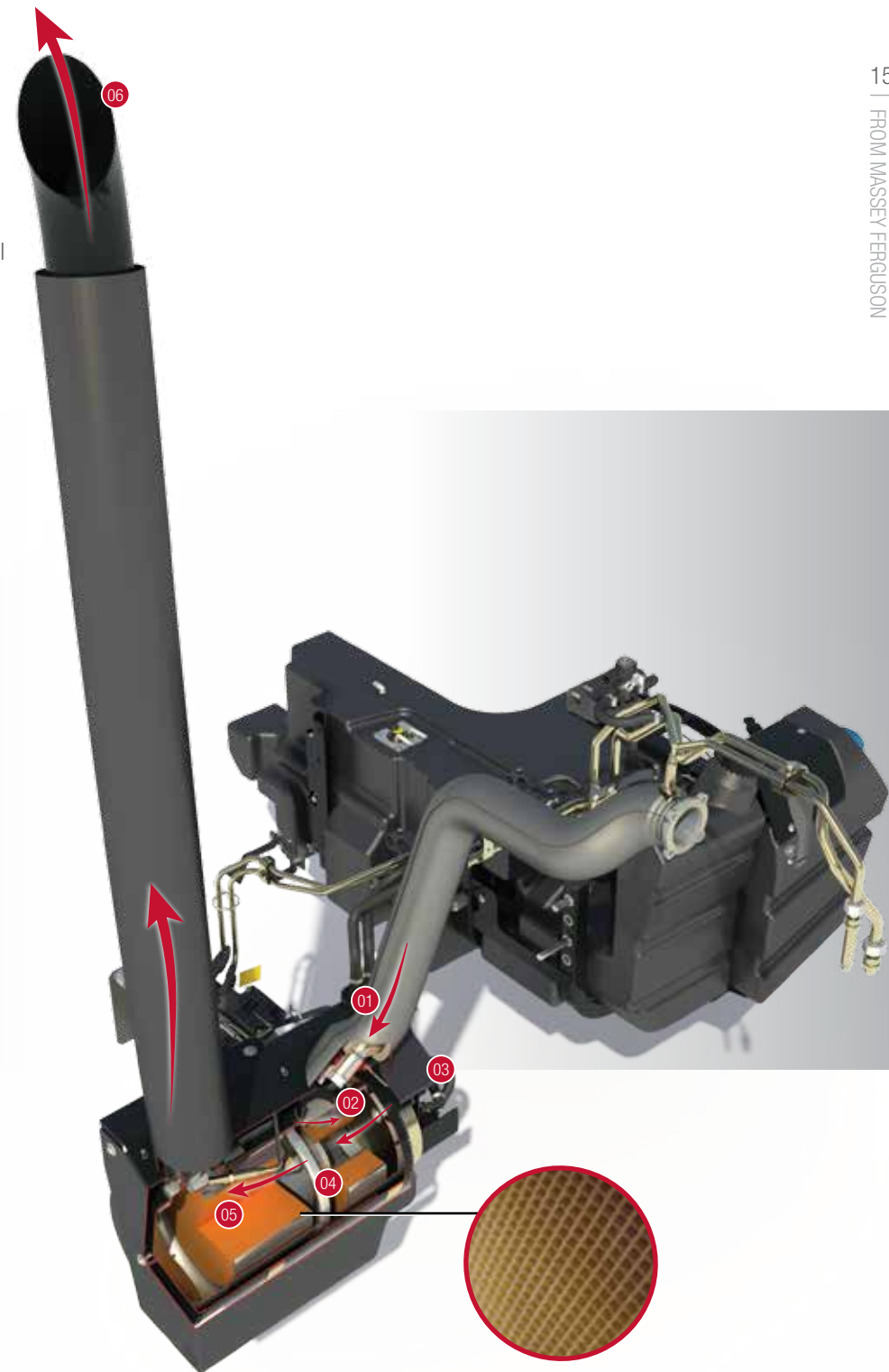
- AGCO POWER four cylinder, 4.4 litre engines generate maximum powers of 110hp, 120hp and 130hp available in all conditions
- Maintenance free, 2nd Generation Selective Catalytic Reduction (SCR) technology
- Electronically controlled common-rail fuel injection
- Automatic low idle system cuts engine revs to save fuel when idling
- Compact and efficient cooling package provides a great view over the slim, steep-nose bonnet

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.





MF 5600

We have developed new versions of our renowned Dyna-4 and Dyna-6 transmissions specifically optimised for use in MF 5600 Series.

Transmission	Dyna-4		Dyna-6	
	Essential	Efficient	Essential	Efficient
Cab interiors				
MF 5608	●			
MF 5609	●			
MF 5610	●			
MF 5611	●	●	●	●
MF 5612	●	●	●	●
MF 5613	●	●	●	●



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).



Supercreep

Close control in specialist low-speed tasks is assured with additional supercreep gears, enabling forward speeds as low as 100m/hr 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 or *Dyna-6* always the right choice

All the three cylinder MF 5600 Series tractors – from 85hp to 105hp – are equipped with the Dyna-4 transmission as standard, while the more powerful 110hp to 130hp, 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 convenient loader joystick controls.

A new brake-activated transmission to neutral feature 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. Supercreep speeds and Comfort Control are also available - depending on model specification.



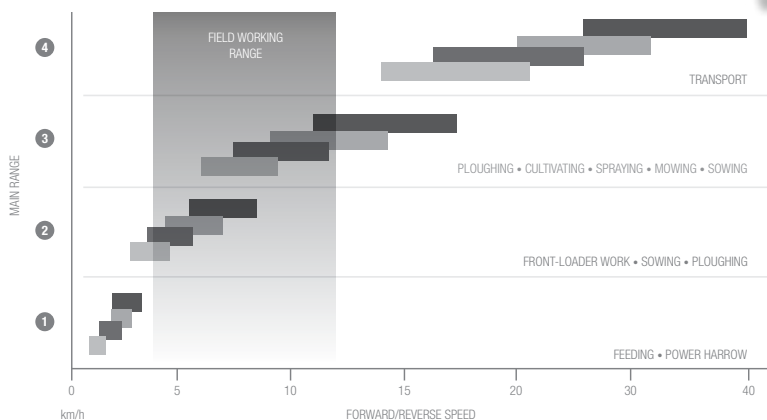
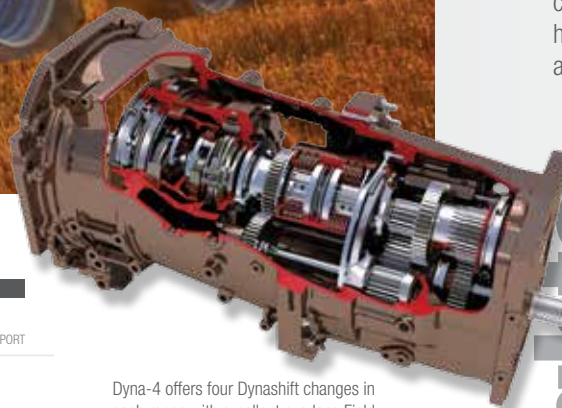
Dyna-4 – Efficiency at your fingertips



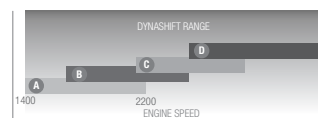
The impressive performance and efficient design of the Dyna-4 transmission provides unbeatable productivity, control and convenience, with completely clutchless shifting of 16 forward and 16 reverse speeds.

All MF 5600 Series models can be equipped with a Dyna-4 transmission - each of which has been developed especially to handle the power of your MF 5600 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 overlaps 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 Benefits are:

- 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 pedal puts transmission in neutral

Highlights

Dyna-6 – Performance, refined



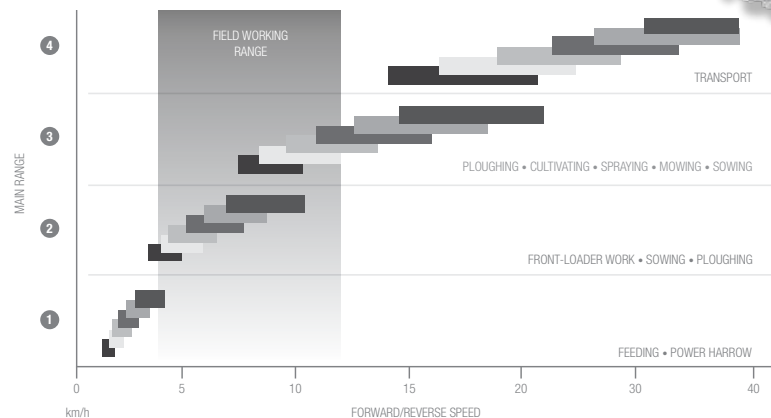
Developed specifically for these 110hp to 130hp models, the Dyna-6 transmission is ideally suited to match the longer wheelbase and the four cylinder powered tractors' exceptional versatility. As well as delivering the outstanding control convenience features for efficient loader operation, it also offers 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.

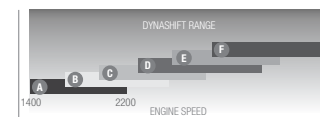


ECO Transmission

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 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.



Highlights

Dyna-6 Benefits are:

- 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 pedal puts transmission in neutral
- Supercreep speeds
- Eco mode as standard

Welcome to your workplace

We take great care to ensure that as an MF 5600 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.

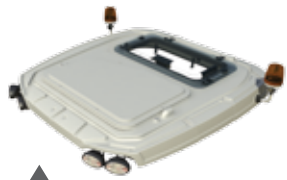
A choice of Essential or Efficient cab options means you can also tailor your tractor to exactly suit your specific needs. Easy access to buildings is ensured with a choice of two cab positions and choice of Slimline, Visio or standard roofs.

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. Other options include air conditioning and a range of air-suspended seats.

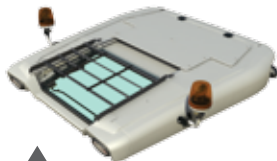
Tailor the roof to fit

A choice of cab heights and roof types allows you to tailor your MF 5600 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.

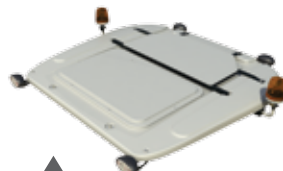
The low position cab structure is the same, but the frame is mounted lower down, reducing the overall height and providing excellent access to buildings.



Standard roof with hatch



Visio roof with FOPS



Slimline roof

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

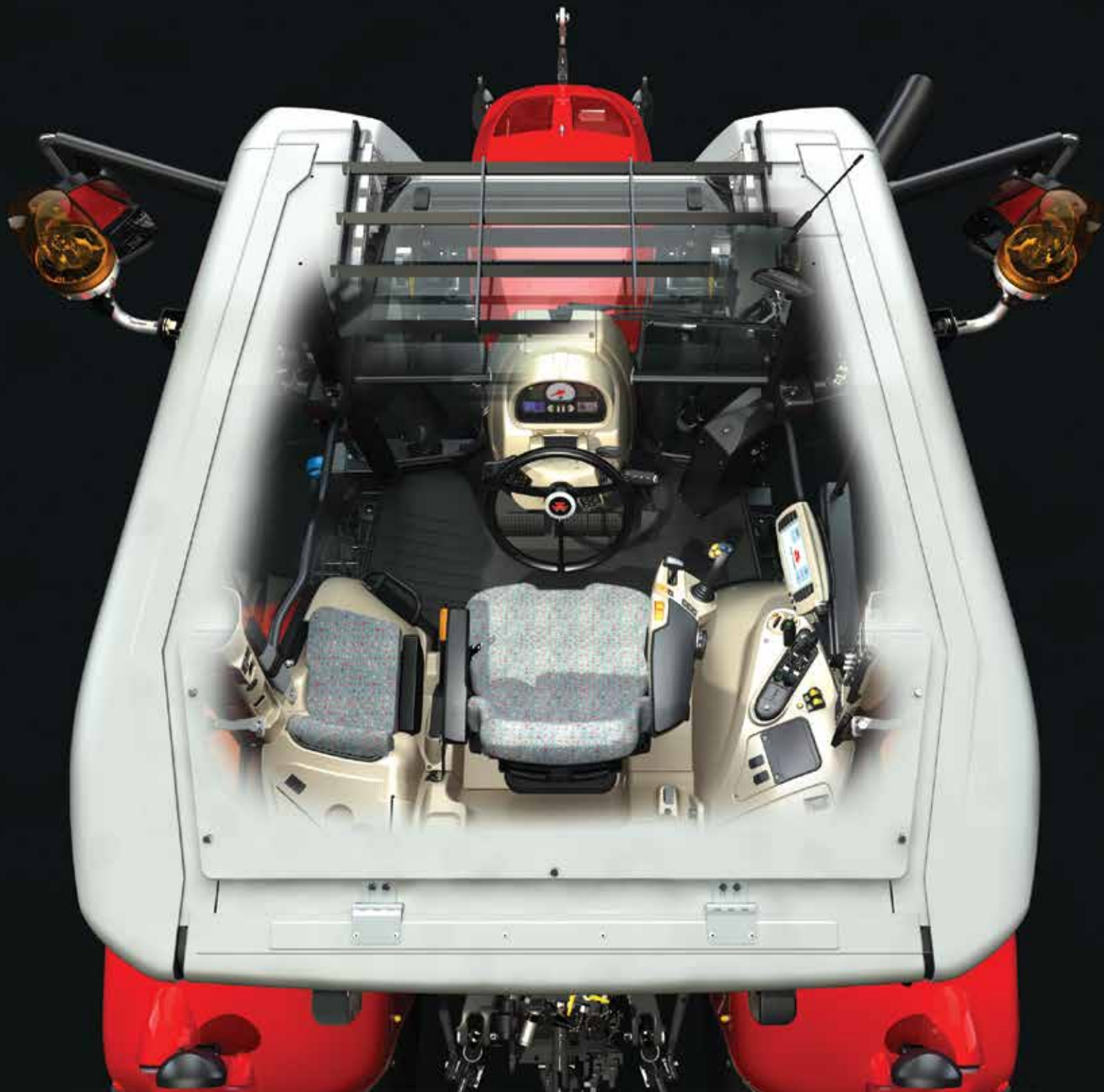
There is a choice of seats to suit particular workload and tasks. Mechanical suspension is ideal for road application, while an automatic air suspended seat provides extra comfort for long days.



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.





MIF 5600

Essential

straightforward, practical design makes operation easy

Essential is the base specification for the MF 5600 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.



The Essential Cab controls

Available for all MF 5600 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 and also working lights and 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



worklights and
beacon control panel

Electronic rear
linkage adjustment

Standard Essential features include:

- Control Centre with T-handle transmission lever
- Dyna-4 16x16 semi-powershift transmission
- Or Dyna-6 24x24 Eco with Autodrive
- Clutch Effect to place the transmission into neutral when you brake
- Mechanical control of spool valves

Essential specification options:

- Integrated front linkage and PTO
- Mechanical cab suspension
- Air Conditioning with manual adjustment
- Mechanical Multifunction loader joystick
- AGCOMMAND™ Telemetry System Ready
- Panoramic cab with polycarbonate right-hand side window

The Essential Cab controls with loader joystick

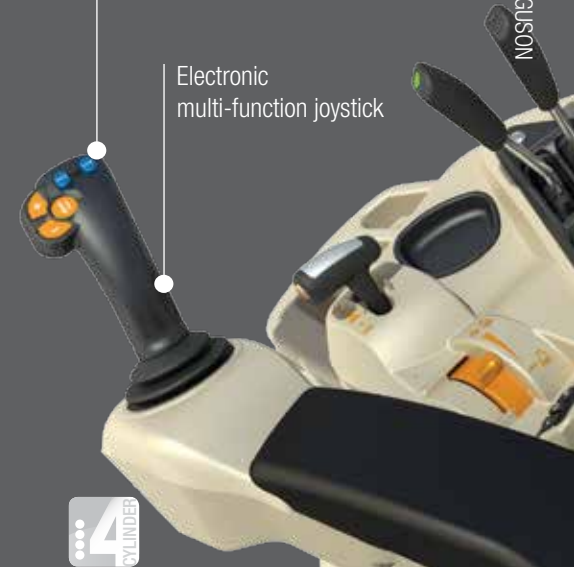
A unique Massey Ferguson mechanical joystick, for tractors equipped with Open Centre hydraulics, not only controls the loader functions, but also changes direction as well as including buttons to increase or decrease transmission ratios, declutch and forward reverse shuttle.

Mechanically controlled Multi-function loader joystick



3rd and 4th hydraulic function control

Electronic multi-function joystick



The Essential Cab controls with loader electronic joystick

An armrest mounted electronic joystick, is available for Essential tractors specified with the 100 l/min combined flow system and specified as loader ready from the factory. This not only provides smooth and precise loader operation, but also has buttons to control the transmission, the loader, the rear spool valves, or the front linkage.

Efficient

productivity at your fingertips

Standard Efficient features include:

- Dyna-4 or Dyna-6 transmission with AutoDrive
- Air Conditioning with manual adjustment
- Air suspended seat
- Electrical and mechanical controls of spool valves

Efficient specification options:

- Mechanical cab suspension
- Integrated front linkage and PTO
- Loader joysticks with transmission control
- Datatronic 4 CCD Console
- AGCOMMAND™ Telemetry System Ready



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 130hp MF 5600 Series tractors. It comes with Dyna-4 or Dyna-6 transmission, with AutoDrive as standard.

Loader ready tractors can be specified with an electronic Multifunction joystick option, 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.

- AutoDrive controls
- Up to four lockable spool valves can be specified as an option
- Transmission control lever for effortless speed and range changes
- Rear linkage control
- Hand throttle
- Linkage depth control





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, memories and tasks and offer greater automation for headland management. The CCD has ISOBUS capabilities and can be fitted with a camera.

The Essential Panoramic cab option





The MF 5600 Series Panoramic cab offers unobstructed visibility to the right hand side for safe and efficient operation of side-mounted equipment. The wide, one-piece polycarbonate screen is extremely tough and protects operators from flying debris.

A special anti-scratch coating and dedicated wash/wipe system maintains great visibility in all conditions. For local authority and road work operations the cab can be equipped with fixing brackets and wiring for hazard warning lights and signs.

If you would like to find out more about the Massey Ferguson Panoramic cab tractors and their outstanding features, don't hesitate to ask your local MF Dealer or Distributor. Pick-up a copy of our dedicated brochure.



Your versatile, dependable workhorse

We understand your needs. Whether you are a contractor, running a dairy unit, mixed farming enterprise or family farm, the MF 5600 Series is designed to suit your everyday needs.

The MF 5600 Series blends sophistication with straightforward operation. It offers high comfort and superb control. The new tractors set the sector benchmark for engine power and torque. It provides excellent manoeuvrability for hard work in the yard and in the field or on the road – a superb all-rounder!

Outstanding visibility over steep nosed bonnets, unrivalled cab height choice, 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.

Designed to handle requirements of modern farm machinery and to deliver the workrate you need, the MF 5600 Series offers a wide range of specifications to excel in every operation. A range of responsive hydraulic systems offer fast, precise control whether the tractor is on hard handling work or out in the field mowing, baling, ploughing, cultivating or drilling.

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

When it comes to transport duties, the MF 5600 Series is the king of the road – high engine power and torque are delivered at low engine revs for great performance with economy. Dyna-4 and Dyna-6 transmissions provide simple speed changes, with AutoDrive available to automate the changes for you.

Front axle and cab suspension system improve comfort, easing the strain on operators during long, hard days.



MF 5600

The unrivalled loader specialist

The MF 5600 Series tractors are designed specifically to provide optimum handling ability with the MF 900 Series loaders. The perfect combination - both are fully integrated at the factory to deliver ultimate performance.



MF 5600

MF 5608	●	●	●	●	
MF 5609	●	●	●	●	
MF 5610			●	●	
MF 5611			●	●	
MF 5612			●	●	
MF 5613			●	●	
Lift height to pivot pin	m	3.20	3.50	3.75	4.0
Lift capacity at max. height at pivot pin	Kg	1390	2060	2150	2310
Lift capacity ground level at pivot pin	Kg	2310	2690	2810	2920
Min rollback angle	Degrees	44	44	43	46
Max dump angle	Degrees	58	58	59.7	55.5
Digging Depth	mm	150	155	158	165

	MF 900 Series loaders without parallel linkage				MF 900 Series loaders with parallel linkage							
	MF 931	MF 933	MF 941	MF 951	MF 936	MF 938	MF 939	MF 946	MF 948	MF 949	MF 956	
	●	●	●	●	●	●	●	●	●	●	●	
	●	●	●	●	●	●	●	●	●	●	●	
			●	●			●	●	●	●	●	
			●	●			●	●	●	●	●	
			●	●			●	●	●	●	●	
Lift height to pivot pin	m	3.20	3.50	3.75	4.0	3.50	3.50	3.65	3.75	3.75	3.90	4.0
Lift capacity at max. height at pivot pin	Kg	1390	2060	2150	2310	1520	1840	1520	1900	2210	1890	2060
Lift capacity ground level at pivot pin	Kg	2310	2690	2810	2920	1920	2270	1560	2400	2770	2220	2520
Min rollback angle	Degrees	44	44	43	46	43	43	44	43	43	44	44.8
Max dump angle	Degrees	58	58	59.7	55.5	58	58	58	60	60	54	55
Digging Depth	mm	150	155	158	165	160	160	120	160	160	170	163



MF 5600 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, Visioline or Slimline 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
- Clutch-Effect' - 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 loader beams and implement

MF 900 Series: The ultimate loader

- Designed for fitting MF 5600 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 MF 5600 Series joysticks
- Simple fitting of a wide range of implements

Unparalleled loader features

A host of dedicated design features make the MF 5600 Series the best in class loader tractors – bar none. Equipped with the exclusively designed, MF 900 loader range, the MF 5600 Series offers the ultimate in loader application sophistication.

All under control

All MF 5600 Series tractors come with a choice of three 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 – Essential
 - Armrest mounted
- 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

MF 5600



New feature - 'Clutch effect'

Placing the transmission into neutral can now be linked to the brake pedal. This means that with only one foot, the operator can brake and clutch at the same time, giving total control of the machine. Making loader operation easier, more comfortable and safer all round.



Highlights

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

* Available with electro hydraulic loader valve



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 MF 5600 Series has excellent lift capacity and loader capability with outstanding hydraulic potential and PTO specifications to give you total operating flexibility.

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.

New 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.

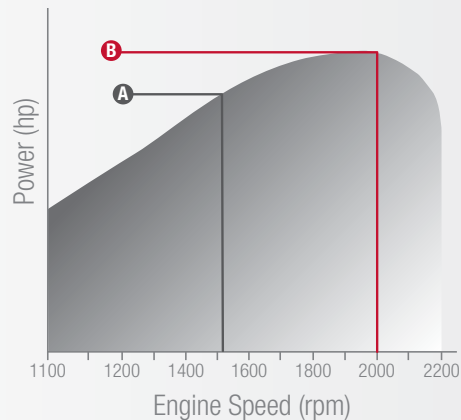
High efficiency PTO

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

Advanced hydraulics



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



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.



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.

- Independent 540/540 Economy rev/min as standard
- 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

Serious about hard work

Both the front and rear axles on the MF 5600 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.



ELC controls



Fender mounted rear linkage controls

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.

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

MF5600

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.



The world's most trusted linkage system

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

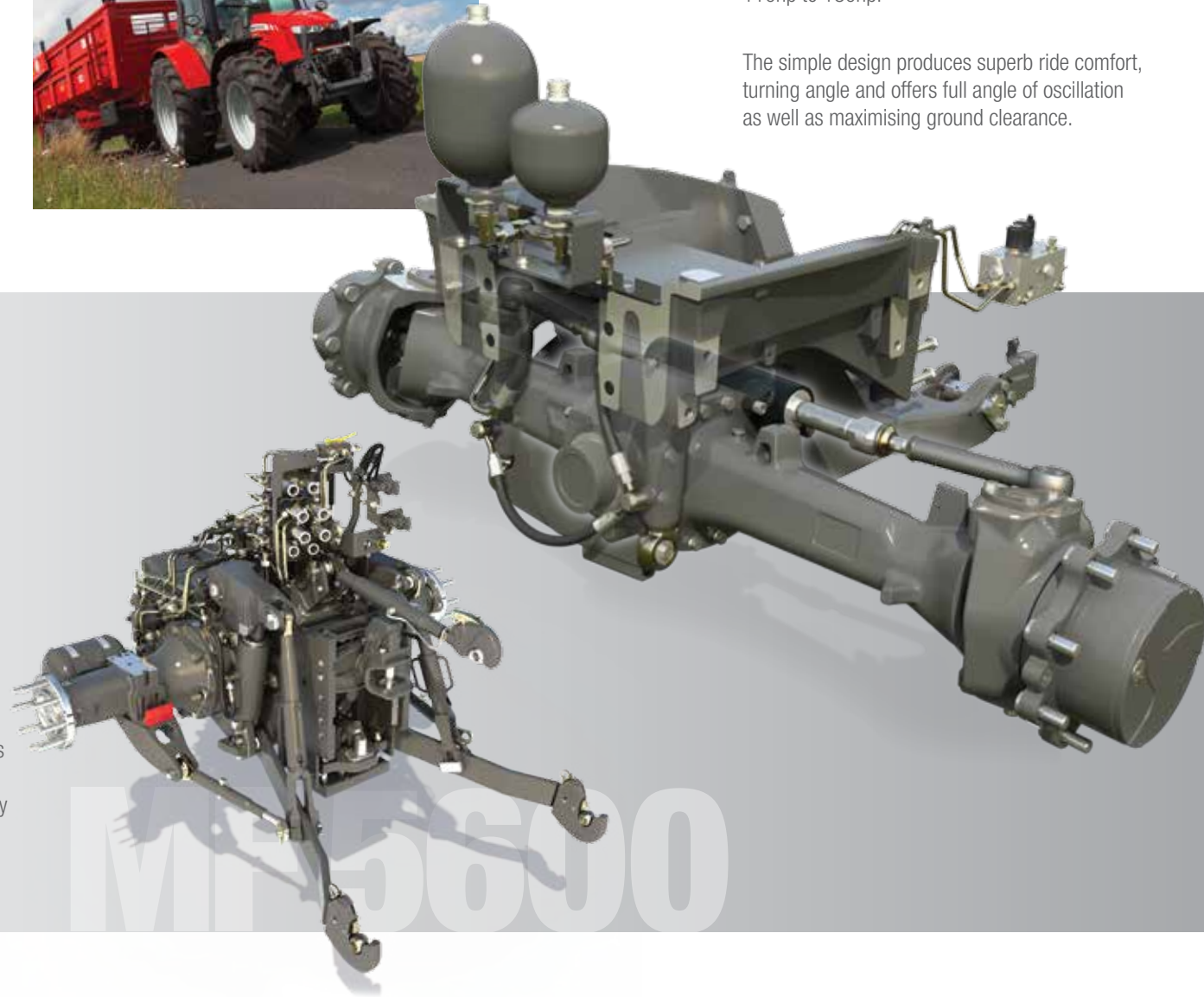
- A large choice spool-valves and control options help you get the most out of modern implements, while easing operation
- Available with two to four spool valves
- Mechanical lever and joystick control on Essential versions with Open Centre and Combined flow systems
- Electronic joystick option for loader ready Essential tractors with combined flow
- Finger-tip electro-hydraulic control on Efficient tractors with Closed Centre Load Sensing and 110 l/min tractors, with Electronic joystick option for loader ready models
- Electronic joystick can also control front-linkage and rear spool valves when loader is not in use



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 MF 5600 tractors from 110hp to 130hp.

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





Compact Integrated Front linkage for complete versatility

Take full advantage of the power of the MF 5600 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 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



AGCOMMAND™ puts your finger on the pulse at all times



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. Part of the Fuse Technologies, it can be fitted to a wide range of equipment to create a comprehensive, universal system.

Operating data is collected automatically, transferred wirelessly and displayed in near real time on a secure webpage – there's no need to install any special software.



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.



AGCOMMAND™



Scan me to get the app!



On the go flexibility

Take all the benefits of AGCOMMAND™ to the field with the new AGCOMMAND™ app, for iPads and iPhones, allowing you to monitor machinery wherever you are and whenever you want. You can also use the history and efficiency report functions and analyse equipment in the field.

The app offers all the same functions as the desktop version including the same near real time access to the machine homepage that supplies information fast and a quick overview of machine data – position, address and weather.



Homepage



Machine details



History reports



Efficiency reports



AGCO's overarching new technology strategy is called Fuse Technologies and it will provide professional growers around the globe seamless integration and connectivity across all their farm assets. It will transform farming by delivering precision agriculture solutions that lead to reduced input costs, greater efficiency and profitability.

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. With intervals increased by 25% to 500 hours, maintenance costs are substantially reduced

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, 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.



Industry-leading parts supply from AGCO Parts.

Standard and optional equipment by cab type

Models	Essential		Efficient
	MF 5608 / MF 5609 / MF 5610	MF 5611 / MF 5612 / MF 5613	MF 5611 / MF 5612 / MF 5613
Engine			
High visibility bonnet	●	●	●
Engine block heater	○	○	○
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	○	○	○
Low profile cab	○	○	○
Panoramic cab (5 posts and polycarbonate right window)	○	○	○
Standard roof	●	●	●
Visio roof	○	○	○
Slimline roof	○	○	○
Roof hatch	○	○	○
Standard air conditioning with manual adjustment	○	○	●
Automatic Air Conditioning / climate control	-	-	○
Cool box	●	●	●
Air suspended swivel seat	○	○	●
Automatic air suspended dynamic damping system seat	-	-	○
Auxiliary seat	●	●	●
Radio pre-wired	●	●	-
Radio - MP3 - SD card slot - USB	○	○	●
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	-	-	○

- Not available ● Standard specification ○ Optional

Models	Essential		Efficient
	MF 5608 / MF 5609 / MF 5610	MF 5611 / MF 5612 / MF 5613	MF 5611 / MF 5612 / MF 5613
Operator environment			
CCD/Datatronic 4 with video and isobus capability	-	-	○
Headland Management System	-	-	○
AGCOMMAND™ (Telemetry)	○	○	○
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	-	○	○
2 wheel drive	○	○	○
Pivoting front fenders	○	○	○
Additional in-cab heater	○	○	○
Hydraulic trailer brake	○	○	○
Pneumatic trailer brake	○	○	○

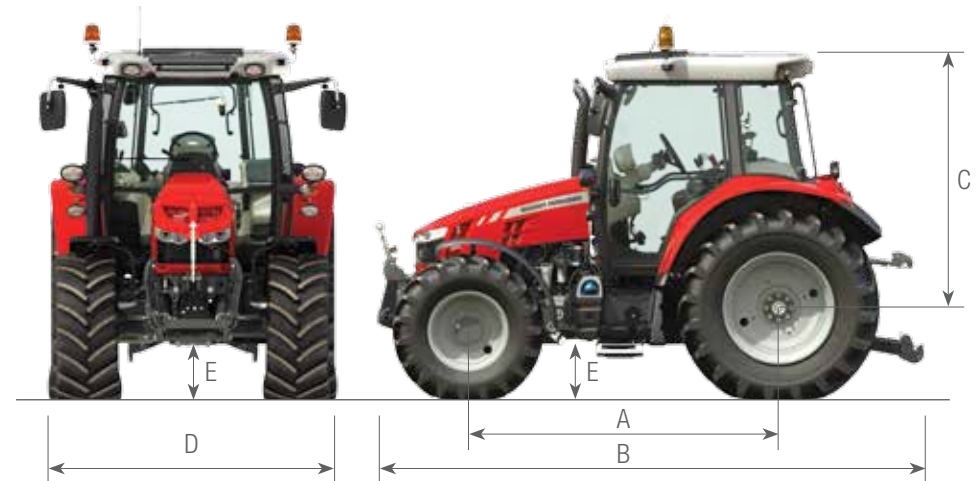
Specifications as standard

	MF 5608	MF 5609	MF 5610	MF 5611	MF 5612	MF 5613
Engine						
Max (ISO 14396) hp @ 2000 rpm	85	95	105	110	120	130
Max torque (Nm) @ 1600 rpm	363	405	413	468	502	545
Engine type	AGCO POWER Electronic injection/Common rail - 3.3/3			AGCO POWER Electronic injection/Common rail - 4.4/4		
Transmission						
Type	Dyna-4 - 16F/16R Semi-powershift gearbox with left-hand Power control			Dyna-4 / Dyna-6 - 24F/24R Semi-powershift gearbox with left-hand Power control		
Speeds (changer under load)	4	4	4	4/6	4/6	4/6
Ranges (robotised)	4	4	4	4	4	4
Min Speed (km/hr) @ 1400 rpm*	1.3	1.3	1.3	1.3/1.1	1.3/1.1	1.3/1.1
Optional creeper gears	32 x 32			32 x 32 / 48 x 48		
Min Speed (km/hr) @ 1400 rpm* with supercreeper	0.1	0.1	0.1	0.1 / 0.09	0.1 / 0.09	0.1 / 0.09
Eco mode	Max engine rpm reduced @ max speed (Dyna-6 models only)					
Power Take-off (Rear)						
Operation / control	Independent / Electro hydraulic control					
Standard PTO speeds	540 / 540 Eco					
Optional PTO speeds	540/540 Eco / 1000					
PTO Speed @ 540 & 1000 engine rpm	2000					
540 Eco	1560					
PTO Shaft						
Standard	6 spline		6 & 21 splines			
Optional	6 & 21 splines					
Hydraulics						
Max oil flow - Stage 1	32 l/min supplying steering, brakes, diff lock, PTO, 4WD					
Standard Max oil flow - Stage 2	58 l/mn supplying spool valve and linkage					
Optional Max oil flow - stage 2	58 l/mn supplying rear linkage + 42 l/mn supplying spool valve					
	The two pumps can be combined to supply 100 l/min to spool valves (eg : Loader)					
Combined flow control	Fully automatic					
Optional max oil flow	-			Load Sensing system 110 l/mn		
Max pressure (bar)	200					
Standard spool valves	2					
Optional spool valves	3 / 4					
Rear linkage						
Controls	Electronics (height/depth, MF draft control, intermix, max height, lowering rate, shock absorber)					
Maximum lift capacity (kg)	4,300			5,200		
Lower links	Hooks ends (cat 2)			Hooks ends (cat 3)		
Front linkage						
Maximum lift capacity (kg)	2,500					
Front Power Take-off						
Type	Independant / Electro hydraulic / 6 spline					
PTO Speed (rpm)	1,000					

	MF 5608	MF 5609	MF 5610	MF 5611	MF 5612	MF 5613
Brakes						
Type	Electro hydraulic / Oil cooled					
Differential lock						
Type	Hydralock rear axle and front axle					
Rear Tyres						
Standard	420/85 R 34		420/85 R 38			
Optional	460/85 R 30		460/85 R 34			
Optional	420/85 R 38		460/85 R 38			
Weights and dimensions						
Weight (kg)	4,200	4,200	4,300	4,800	4,800	4,800
Height (with standard tyres, approximate figure depending on tyre brand, pressure and load)						
Cab - Standard position with standard roof (mm)	2,755	2,755	2,755	2,779	2,822	2,822
Cab - Low profile position and slimline roof (mm)	2,607	2,607	2,607	2,617	2,660	2,660
Cab - Low profile position and Visio roof (mm)	2,709	2,709	2,709	2,719	2,762	2,762
Wheelbase (mm)	2,460	2,460	2,460	2,550	2,550	2,550
Turning circle - diameter (m)	7.9	7.9	7.9	8.5	8.5	8.5
Fuel tank capacity (litres)	160	160	160	180	180	180

	MF 5608/09/10	MF 5611/12/13
4 Wheel Drive		
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		
Standard, flat floor cab - mm	2002	2026
Optional low profile cab - mm	1937	1947
C – Height from rear axle to top of cab with Visioline roof		
Standard, flat floor cab - mm	2054	2078
Optional low profile cab - mm	1989	1999
C – Height from rear axle to top of cab with Slimline roof		
Standard, flat floor cab - mm	1929	1953
Optional low profile cab - mm	1864	1874
D- Width, with (min / max) - mm	2020 / 2340	2020 / 2360
E – Ground clearance (with 420/85 R 38 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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Responsible forest management

