



120-160 HP | **MF 6600**



**FROM MASSEY FERGUSON**



# TOUR DE FORCE



*tour de force*  
**noun (pl. tours de force)**

an impressive performance or achievement that has been accomplished or managed with great skill  
ORIGIN French, literally meaning 'feat of strength.'

Introducing the new MF 6600 Series.

The latest machine range in this long evolution has arrived. The MF 6600 range incorporates Massey Ferguson's unique and unrivalled design and engineering to give you a tractor of outstanding power and capability. Distinctive and impressive features on each machine will increase productivity and put you firmly in control. Perfect for mixed farms, arable, dairy and contracting businesses, this is the future of farming.



## Compact, Manoeuvrable, With a perfect power-to-weight ratio

The MF 6600 Series may share the same familiar, contemporary styling of its counterparts and many of the same impressive features but what makes it stand out from the crowd is its size. It has a shorter wheelbase for outstanding manoeuvrability. The curved design of the chassis and bonnet ensures one of the best turning circles on the market, allowing the operator greater freedom to move in tighter areas. The tractor itself has the perfect chassis size, with a design that ensures better handling during transport applications plus maximum soil preservation and reduced ground pressure in cultivation, drilling and seeding. A rugged, powerful engine and intelligent design means that all models have a high power-to-weight ratio, ensuring extraordinary all-round machine capability in all applications.

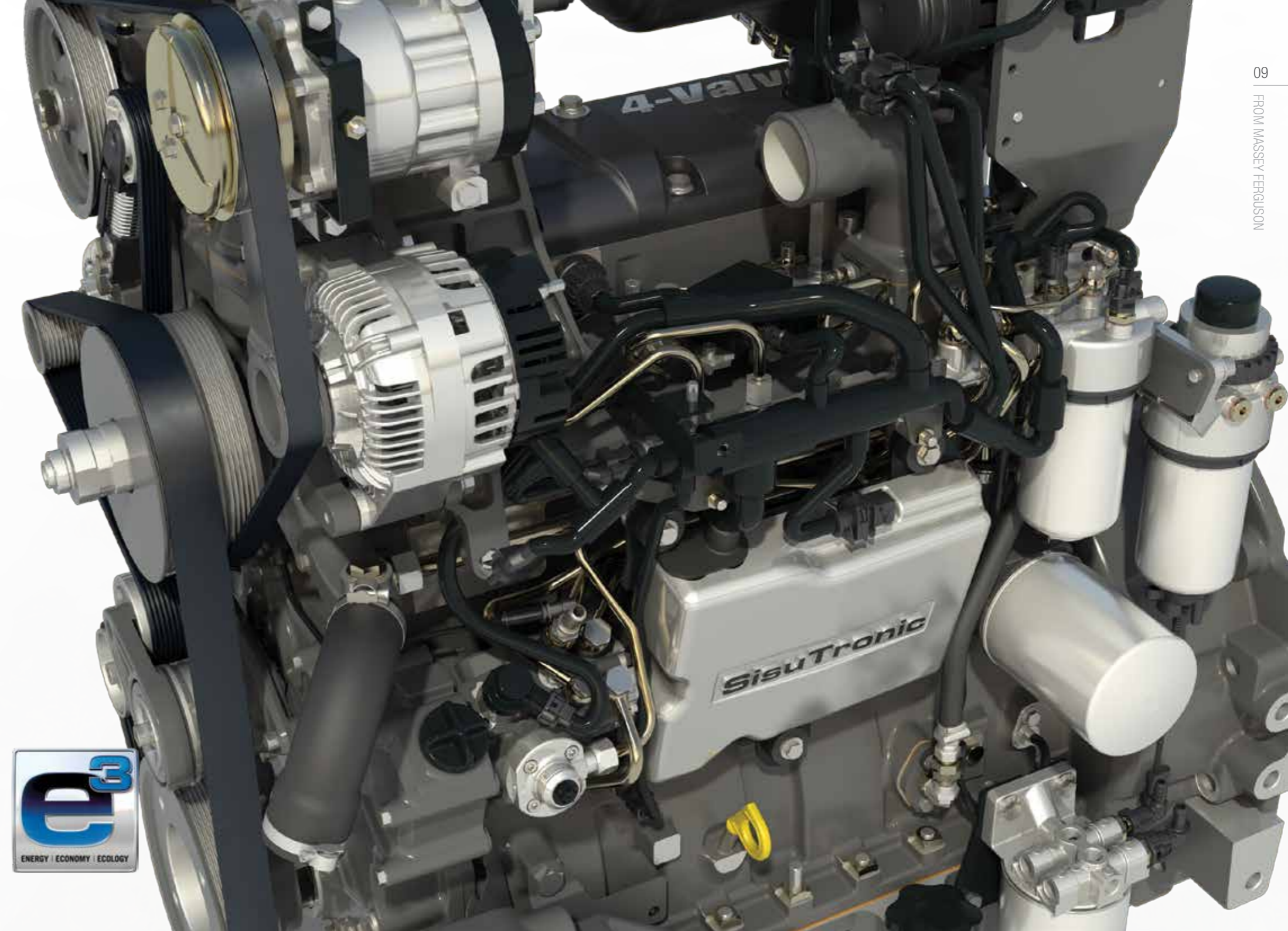
## THE MOST POWERFUL COMPACT 4-CYLINDER ENGINE ON THE MARKET TODAY

This is the powerful, new generation of tractors from Massey Ferguson. With unrestricted pulling power for a tractor of this size, the MF 6600 boasts a 4.9 litre AGCO POWER e3 SCR engine producing masses of torque. It is the most powerful medium sized tractor on the market with horsepower up to 185hp with Engine Power Management (EPM)\*. EPM allows for the continuous delivery of power under varying conditions to increase productivity. The engine responds with variable extra power delivery in demanding PTO, field and transport applications and rigorous hydraulic operations, so you automatically get power when you need it the most. At low idle speed of 720 rpm, the engine will quietly tick-over when stationary.

High power and torque at low rpm ensures high performance, excellent fuel economy and low engine noise. AGCO POWER engines have excellent torque characteristics to ensure that our tractors keep going when conditions get really tough. Forward speed is maintained and output is maximised in all conditions, giving you extra muscle when you need it and making many jobs effortless.

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.

\*Not available on Dyna-VT versions



## THE BEST RANGE OF OPTIONS FOR YOU: TRANSMISSIONS AND SPECIFICATION LEVEL

Transmission type	Dyna-4			Dyna-6			Dyna-VT			
Model	6612	6613	6615	6613	6614	6615	6616	6614	6615	6616
ISO Max (hp)	120	130	145	125	140	150	160	140	150	160
ISO Max with Engine Power Management (hp)	135	145	160	150	165	175	185	-	-	-
Version available	Essential			Essential, Efficient, Exclusive			Efficient, Exclusive			

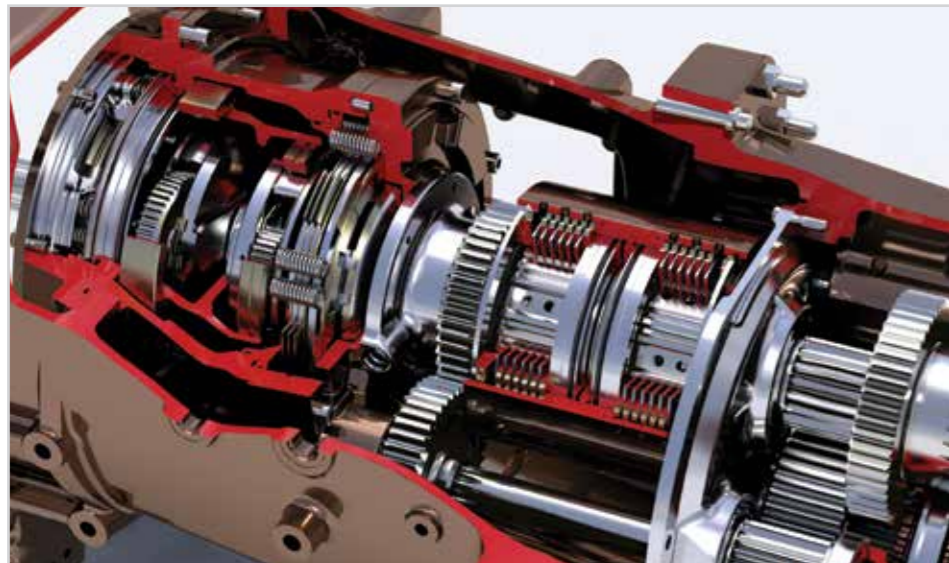
Dyna-4 models: Engine Power Management engages above 6 Km/h.

Dyna-6 models: Engine Power Management engages above 6 Km/h and also in PTO applications, delivering maximum extra power when both forward speed and PTO requirements apply.

ten models  
twenty-one different combinations  
one of the best choices you'll make



# Dyna-4



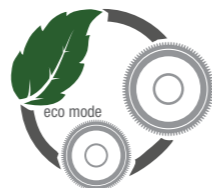
# Dyna-6



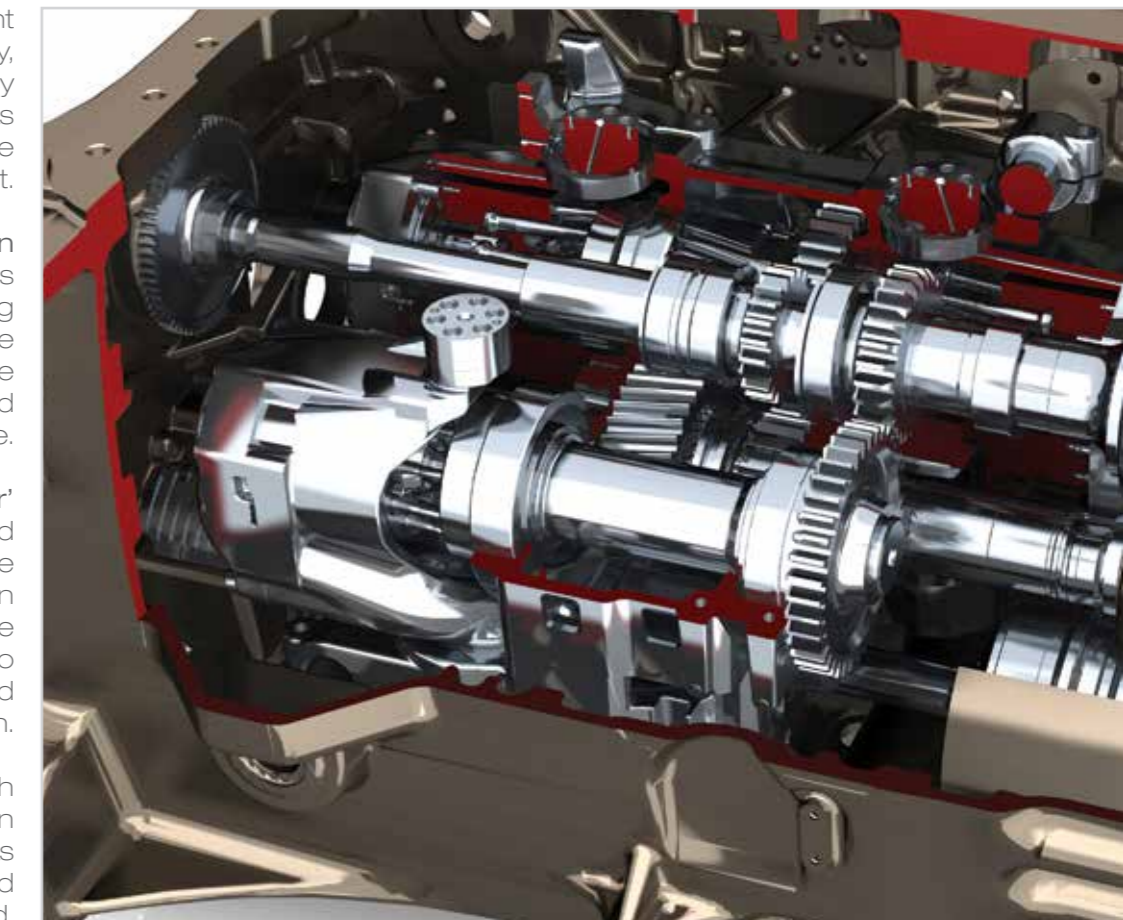
The Dyna-4 and Dyna-6 transmissions are reassuringly simple to operate and control with the unique Massey Ferguson Power Control Lever mounted on the left-hand side of the steering column and the transmission control lever on the right-hand console. All functions of the transmission can be controlled easily without needing to depress the clutch pedal. All information on range selection and powershift ratios can be found on the dashboard. To ensure smooth progress, Speedmatching is specified as standard to ensure that the most appropriate powershift ratio is automatically selected when range changes are made. Autodrive, Supercreep and Comfort control are also standard on Dyna-4 and 6. Dyna-6 models come with "ECO Mode" for maximum fuel and engine efficiency. Dyna-4 and 6 come with Engine Power Management. This feature allows for the continuous delivery of power under various conditions and applications, increasing productivity whilst lowering fuel consumption.



**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-VT



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

### Stepless precision

Dyna-VT is amazingly simple to operate and works extremely well in differing conditions. There's no shifting of gears, no jolts and no breaks in traction or power. The unique Power Control lever makes forward/reverse shuttling and speed change convenient and hassle-free.

### The 'Supervisor'

The 'Supervisor' is on continuous stand-by and activates when engine speed falls under load. The benefit of the 'Supervisor' is that even when the load on the engine is increased and engine speed drops, the transmission will automatically reduce forward speed to maintain total power, whether in PTO applications, field work or transportation.

When used in conjunction with SV1 and SV2, which set a specified forward speed, the tractor will then operate at maximum output as load fluctuates as well as automatically adjusting the tractor back to the required speed.



The cab comes with a host of features you would expect in an operator environment of this quality. Every part of this cab has been designed to reduce fatigue, ensure added comfort and boost productivity.

- Low noise levels allows you to work in quiet comfort
- Slim dashboard for maximum forward visibility
- Curved exhaust line with catalyst for best forward visibility
- Ergonomic layout of both dashboard information and controls
- Cool box storage
- Pneumatic seats available
- Instructor seat and storage box
- Wide opening cab doors
- In-cab heating and cooling plus standard air conditioning
- Safe and easy to use cab steps with a self-cleaning design are fully adjustable
- Optional 'Speedsteer' to reduce working time on the headland or in front loader applications
- Choice of roofs - Standard, standard with hatch or Visio Roof for loader work
- Enhanced levels of comfort with a choice of cab suspension



Switches in all the right places. Lesser used yet still an integral part of your working day, the right-hand pillar houses working lights, optional rear PTO selection, rear linkage control and the new Combined Flow hydraulic switch.



Optional electro-hydraulic PTO speed selection is available on the right-hand pillar

## Multi award-winning functionality



Essential

This is the base specification package for the MF 6600 Series. The Essential package combines simplicity, usability and tough versatility. You can specify either Dyna-4 or Dyna-6 transmission. So, if you simply want power and performance without all the high-level extras, then this is the package for you.



Efficient

Efficient is the medium specification package for the MF 6600 Series. Choose from either Dyna-6 or Dyna-VT transmissions, a new Command Control Armrest and both mechanical and electronic spool valves. Dedicated to delivering increased productivity thanks to key features, the Efficient specification will enable the operator to work faster, to a higher standard and with more accuracy. Expect high levels of comfort, ergonomics and reliability.



Exclusive

The Exclusive package is a combination of high-spec versatility and refinement. With Dyna-6 or Dyna-VT transmissions, a new Command Control Armrest with Multipad lever and electronic spool valves, the Exclusive offers the best, world-renowned characteristics as well as a few new innovations. Dedicated to customers looking for a tractor with advanced features and functions, including latest ergonomics and comfort.

You will start to notice that our newest generation of tractors comes with a choice of controls and fundamental elements that allow you to choose exactly what you need for your farming business. Whether you're arable, livestock, mixed or running a contracting business; good cab design should always include space, comfort, visibility and ergonomics, ensuring a more relaxing and productive driver environment. Vision is excellent thanks to the slim dashboard design and a wide expanse of curved glass allows an unrestricted view; a must in loader operations.

Everything is within easy reach. Controls are more integrated thanks to the console and armrest combinations, with transmission, hydraulic and PTO instruments placed perfectly within the operator's reach. The new, slim dashboard contains a digital display offering clear, operational and functional information plus there's more room for movement and an ergonomic seat for extra comfort. The MF 6600 Series cab will give you smooth stability and no compromise, even in tough driving conditions. Choose from either our mechanical or OptiRide Plus hydraulic suspension.



## The new way to operate your loader tractor.

The unique Massey Ferguson multifunction joystick on both mechanical and electrical loader controls can be specified and integrated into the console. Its special design ensures smooth, productive loader work and the use of transmission functions.



Essential

Efficient

Exclusive



### 'Mechanical 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

The Active stop (Dyna-VT) or the Neutral (Dyna-4 and 6) switch is located at the back of the Multifunction joystick

- Our flexible range of loaders suit a wide variety of applications
- The mechanical multifunction joystick has additional transmission functions such as forward/reverse and speed change for added versatility during operation
- Highest visibility thanks to the overall design. The bonnet, slimline dashboard and new cab structure ensure all round, unimpeded views
- The loader subframe design is integrated at factory source to give you optimum performance and ultimately, the perfect all-purpose tractor
- A specially designed subframe and chassis provides optimum manoeuvrability and access to maintenance operation
- Optional Massey Ferguson visio roof with Falling Object Protection (FOPS)
- Excellent manoeuvrability including tight turning angles and rapid response from engine and hydraulics
- Loader operation is simple with the optional mechanical multifunction joystick - operate the loader, change speed and shuttle with your right hand

### 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.

“The beauty of this joystick means you can go from forward to reverse and operate the loader at the same time, without taking your hand off the steering wheel.”





## Outstanding operation and performance.

The MF 6600 has been designed specifically to be highly manoeuvrable in all farm operations. The shape of the chassis and bonnet affords excellent access to service areas and the extreme turning angle ensures the best possible movement and operation in tight spaces.

MF 6600 Series tractors can be specified with a fully integrated front linkage system and front PTO. Two optional, front hydraulic couplers provide hydraulic service for numerous front mounted implements. A wide choice of PTO options are available. Additional fender-mounted engagement PTO start/stop buttons allow the use of the PTO from outside the cab. The MF 6600 Series tractor has immense capability and can easily handle heavy-duty applications.

This is a tractor which is both light weight and powerful, full of torque and nimble capabilities. Perfect if you are looking for a machine with compact dimensions and unbeatable power throughout. For enhanced performance a range of optional extras can be specified depending on your sector. See page 24 for more information on the full range of options.

- A broad range of wheels and tyre options can be available
- Optional AgCommand™ is a data logging system that allows you to view and handle information about the tractor, its positioning, performance etc, plus you can manage a whole fleet using AgCommand™. Perfect for contractors!
- A range of front weights and wheel weights are available
- A variety of loader implements are also available



Meeting your operational demands - Fully integrated front linkage and PTO



Superior manoeuvrability thanks to the excellent turning circle and chassis design



## HYDRAULICS

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 6600 Series has a muscular lift and loader capability with outstanding hydraulic potential for any implements that needs hydraulic drive.

### 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 hydraulic operation such as loader work.

### CCLS - Fast hydraulic response

The Closed Centre Load-Sensing (CCLS)\* hydraulic system provides up to 110 l/min oil flow for both linkage and external services with virtually instantaneous response, with no wasted power - or fuel.



## Your finger on the pulse at all times Introducing AgCommand™.

The AgCommand™ telemetry system from AGCO is ideal for large businesses, contractors or anyone who needs to maintain high visibility of their machinery at all times. If you need consistent, concise information concerning your fleet then AgCommand™ is the perfect choice.

AgCommand™ is a leading edge data recording and transmission tool that allows you to optimise fleet performance by monitoring and reporting vehicle position, history and status. Also, monitor operating costs and enhance productivity.

Every ten seconds AgCommand™ Advanced collects machine performance data and GPS location, this is then transmitted to the storage server and is then viewable on your desktop computer, laptop or tablet.



And now....Get on-the-go flexibility with the new AgCommand™ app and take the office to the field.

The AgCommand™ app allows on-the-go access to the system so you can monitor machinery wherever you are and whenever you want, as well as use the history and report function to run analysis on the field. The AgCommand™ app is available for iPads and iPhones.

It has all the same functions of the usual AgCommand™ system and capabilities include near real time access to the machine with a home page that supplies fast information and a quick overview of machine data like position, address and weather conditions.



History reports



Efficiency reports

## Auto-Guide 3000 Guidance systems

For a more advanced solution that works even harder in the field, choose Auto-Guide™ 3000.



Auto-Guide™ 3000 is a full featured, hands free steering system capable of delivering sub-metre, decimetre, and centimetre accuracy.

Guidance systems are proven to offer an average of 12% in fuel savings, as well as time spent on resources, time spent in the field and much more.

The Auto-Guide™ 3000 TopDock receiver comes factory-fitted with submeter accuracy as standard.

Available on Efficient and Exclusive models, the Auto-Guide™ 3000 offers the following:

- TopDock receiver delivering sub-metre, decimetre, and centimetre accuracy
- Easily upgradable to RTK (cm)
- Galileo/GPS/Glonass signal ready
- Four paths available: AB Line, A+ Heading, Pivot and curve line
- Displayed through the Datatronic CCD screen which is fully integrated into the cab and offers a simple user interface. This system is easily upgradeable to Auto-Guide™ 3000 Advanced

For more information on Auto-Guide™ 3000 and AgCommand™ pick up a copy of the Technology Solutions from Massey Ferguson.



### Datatronic CCD console

Auto-Guide™ 3000 can be displayed through the Datatronic CCD rather than through a separate screen, this allows increased visibility for the driver. Thanks to this integration, no additional wires are needed. Inside the Datatronic CCD, the guidance application offers a simple way of operation called "Go mode". This mode is simple to use so even if an operator has no knowledge or experience of guidance systems, they can be up and running in minutes.

Standard and optional equipment by cab type

	Essential	Efficient	Exclusive
<b>Engine</b>			
AGCO POWER 4 Cylinder Stage 3b	●	●	●
Selective Catalytic Reduction (SCR) technology Generation 2	●	●	●
Extra Idle Engine Speed	●	●	●
<b>Transmission</b>			
Power shuttle control	●	●	●
Right-hand shuttle	○	○	○
T-lever on Control Centre	●	-	-
T-lever on Command Control Armrest	-	●	-
MultiPad on Command Control Armrest	-	-	●
Dyna-4 - 40kph - Speedmatching & Autodrive	●	-	-
Dyna-6 - 40kph Eco - Speedmatching & Autodrive	○	●	●
Dyna-6 - 50kph** Eco - Speedmatching & Autodrive	○	○	○
Supercreeper or creeper	○	○	○
Dyna-VT 40kph Super Eco with Dynamic Tractor Management (DTM)	-	○	○
Dyna-VT 50kph** Eco with Dynamic Tractor Management (DTM)	-	○	○
Cruise speed control	-	●	●
Clutch effect	●	●	●
<b>Operator environment</b>			
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 with Seatbelt	●	●	●
Radio predisposal	●	-	-
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	-	○	●
2 opening doors	●	●	●
Mechanical Cab Suspension	○	●	-
OptiRide Plus Cab Suspension semi-active	-	○	●
Visio roof	○	○	○
Roof hatch	○	○	○
Radar and slip control	○	○	●
CCD/Datatronic 4 with video and isobus capability	-	○	●
Trailer steering axle management	-	○	○
Dual Control	-	○	●
Headland Management System	-	○	●
Speedsteer	-	○	○
Panoramic cab with polycarbon right-hand side window	○	-	-

- Not available ● Standard specification ○ Optional

	Essential	Efficient	Exclusive
<b>Technology</b>			
Auto-Guide™ 3000 Ready	-	○	○
Auto-Guide™ 3000	-	○	○
AgCommand™ Ready	○	○	●
<b>Chassis and hydraulics</b>			
Mechanical controls of spool valves	●	-	-
Electrical and mechanical controls of spool valves	-	●	-
Electrical controls of spool valves	-	○	●
Multifunction joystick	-	○	○
Loader ready tractor with Multifunction joystick (Mechanical control)	○	-	-
Loader ready tractor with Multifunction joystick (Electrical control)	-	○	○
Electronic linkage controls with Active Transport Control	●	●	●
Auto PTO function	●	●	●
Electric PTO speeds selection	○	○	○
Auto 4-Wheel Drive and Auto Differential lock functions	●	●	●
Telescopic stabilisers	●	●	●
Automatic stabilisers	○	○	○
Integrated front linkage system	○	○	○
Integrated Front PTO	○	○	○
<b>Electrical equipment</b>			
Automatic Isolator switch	●	●	●
ISO signal connector	-	●	●
External lift control on fenders	●	●	●
External PTO start/stop control on fender	●	●	●
Xenon lighting	○	○	○
<b>Other equipment (Specifications may vary by market)</b>			
Quadlink - Suspended front axle	○	○	●
Pivoting front fenders	○	○	●
Additional in-cab heater	○	○	○
Hydraulic trailer brake	○	○	○
Pneumatic trailer brake	○	○	○

Whichever sector you're in, make the tractor your own...

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.

<b>Engine</b>	<b>MF 6612 Dyna-4</b>	<b>MF 6613 Dyna-4</b>	<b>MF 6615 Dyna-4</b>	<b>MF 6613 Dyna-6</b>	<b>MF 6614 Dyna-6</b>	<b>MF 6615 Dyna-6</b>	<b>MF 6616 Dyna-6</b>	<b>MF 6614 Dyna-VT</b>	<b>MF 6615 Dyna-VT</b>	<b>MF 6616 Dyna-VT</b>
Type	AGCO POWER with 2nd Generation e3 SCR									
no. of cylinders/no. of valves/Capacity - litre/ no./ cm3	4/ 4/ 4900									
Aspiration	Turbo Intercooled									
Injection type	Common rail									
Fan type	Viscostatic	Viscostatic	Viscostatic	Vistronic	Vistronic	Vistronic	Vistronic	Vistronic	Vistronic	Vistronic
Maximum hp (ISO 14396) hp (kW) @ 1950 rpm	120 (88)	130 (96)	145 (107)	125 (92)	140 (103)	150 (110)	160 (118)	140 (103)	150 (110)	160 (118)
Rated hp (kW) @ 2200 rpm	110 (91)	120 (88)	135 (99)	115 (84)	130 (96)	140 (103)	150 (110)	130 (96)	140 (103)	150 (110)
Maximum torque (Nm) @ 1500 rpm	511	553	652	553	645	660	677	645	660	677
Maximum power with EPM hp	135	145	160	150	165	175	185	-	-	-
Maximum torque with EPM Nm	575	618	670	648	691	745	790	-	-	-
Max. power available @ PTO shaft (OECD, accuracy +/- 3%)	105	110	120	115	125	135	140	120	130	140
Fuel tank capacity - litres	250									
Adblue tank capacity - litres	30									
Service interval - hours	500									
<b>Transmission</b>										
Type	Dyna-4 40 kph-Semi-powershift			Dyna-6 40 kph Eco or 50 kph** Eco				Dyna-VT		
Number of gears - Fwd x Rev	16x16			24x24				Stepless, continually variable transmission with Dynamic tractor management		
Min. speed @ 1400 rpm kph	1.3			1.03				0.03		
No of speeds with creeper/supercreeper - Fwd x Rev	24 x 24 / 32 x 32			36x36/ 48x48				-		
Min. speed @ 1400 rpm with creeper/ supercreeper kph	0,33 / 0,09			0,26/0,07				-		
40 kph Eco at engine speed - rpm	-			1800				1500		
50 kph** Eco at engine speed - rpm	-			1950				1875		
<b>Dyna VT speed ranges</b>										
Field speed range	-			-				0,03 - 28 Kph Forward and 0,03 - 16 Kph Reverse		
Road speed range								0,03 - 50 Kph* Forward and 0,03 - 38 Kph Reverse		
<b>Rear Linkage and hydraulics</b>										
Lower links type	Category 3									
Maximum lift capacity, at link end	7100			7100		7100/8100		8600		
Hydraulic type	Open centre (Essential)					Closed Centre Load Sensing				
Maximum flow - rpm	58 l/mn supplying spool valves and linkage					110 l/mn				
Maximum pressure - bars	200									
Maximum no. of rear spool valves	4									
Hydraulic type - Option 1	Combined flow : 58 l/mn supplying rear linkage + 42 l/mn supplying spool valve (Essential). The two pumps can be combined to supply 100 l/min to spool valves (including loader)								-	
Hydraulic type Option 2 - Open centre	Closed Centre Load Sensing								-	
Maximum Flow - litres/min	110									

<b>Power Take-Off (Rear)</b>
Engine speed @
540/1000 Dyna-4 & Dyna-6 - rpm
540/540Eco/1000 Dyna - VT - rpm
540/540Eco/1000/1000Eco - rpm
Shaft diameter - inches
1 3/8
<b>Front linkage and Front Power Take-Off</b>
Maximum lift capacity, at link end - kg
3200
Front spool valves
1 / 2 / 1 + Pressure & Free Return
Engine speed @ 1000 front PTO speed - rpm
1920
<b>Wheels and Tyres (Full range available. Please consult your Dealer)</b>
Front - m
14.9 R 28
Rear - m
18.4 R 38
16.9 R 28
20.8 R 38
<b>Weights and dimensions (with standard wheels and tyres, without ballast, 4WD model, less fuel)</b>
Weight - kg
5400
5700
Overall height - from rear axle centreline to top of roof - m
2.11
Overall height - over cab - m
3.03
Overall length - from weight carrier to lower link ends - m
4.7
Wheelbase - m
2.67

<b>MF 6612 Dyna-4</b>	<b>MF 6613 Dyna-4</b>	<b>MF 6615 Dyna-4</b>	<b>MF 6613 Dyna-6</b>	<b>MF 6614 Dyna-6</b>	<b>MF 6615 Dyna-6</b>	<b>MF 6616 Dyna-6</b>	<b>MF 6614 Dyna-VT</b>	<b>MF 6615 Dyna-VT</b>	<b>MF 6616 Dyna-VT</b>
1980 / 2030							-		
-							1930 / 1490 / 1900		
1980 / 1530 / 2030 / 1570							-		
							1 3/8		
							3200		
							1 / 2 / 1 + Pressure & Free Return		
							1920		
14.9 R 28							16.9 R 28		
18.4 R 38							20.8 R 38		
5400							5700		
							2.11		
							3.03		
							4.7		
							2.67		



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Responsible forest management

