



MASSEY FERGUSON

140-280 HP

MF 7700



FROM MASSEY FERGUSON

Contents



Page 04
MF 7700 - Born to Farm



Page 08
The Smart Generation
of Cost Effective Power



Page 10
The Dyna transmissions



Page 16
Welcome to your 'Farm office'



Page 24
Operate your loader the
Massey Ferguson way



Page 26
Versatility means optimised costs



Page 30
Hydraulic energy to power the
most demanding task

- 03 Centre of Engineering and Manufacturing Excellence
- 04 MF 7700 - Born to Farm
- 06 MF 7700 - Bodyscan your new profit centre
- 08 The Smart Generation of Cost Effective Power
- 10 The Dyna transmissions
- 12 Dyna-4 - four-speed flexibility
- 13 Dyna-6 - performance, refined
- 14 Dyna-VT - the tractor transmission without limits
- 16 Welcome to your 'Farm Office'
- 18 Essential - The new standard for straightforward operation
- 20 Efficient - Advanced equipment to heighten your efficiency at work
- 22 Exclusive Package - The ultimate expression of productivity and innovation
- 24 Operate your loader the Massey Ferguson way
- 26 Versatility means optimised costs
- 28 Best in class manoeuvrability
- 30 Hydraulic energy to power the most demanding task
- 32 Outstanding operation and performance to tackle with any task
- 33 AGCO Fuse™ Technologies: Connected Farming from Massey Ferguson
- 34 The CCD console. Keeping you informed and in control
- 36 Guidance options to keep you on track for profit
- 37 AgCommand® puts your finger on the pulse at all time
- 38 Servicing made easy
- 39 Lifetime from Massey Ferguson
- 40 Standard and optional equipment
- 42 Specifications



Beauvais, France | Centre of Engineering and Manufacturing Excellence



The €300m 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 900,000 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 in 2008. 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.

MF 7700 – Born to Farm

Building on the hugely successful MF 7600 Series, winner of many awards across Europe, the MF 7700 continues the trend set by Massey Ferguson for highly dependable, straightforward, low maintenance tractors that provide efficiencies across all farming operations.

The MF 7700 tractor series from Massey Ferguson has been specifically designed to meet the needs of farming professionals, whatever your business environment and operations, from mixed farming to arable and contracting businesses. With a wide choice of power, transmissions, cab specifications, hydraulics and PTO options, the MF 7700 can be adapted to your every demand, offering a wide range of custom-built practical, straightforward and dependable solutions.

A Superior Farming Experience - In the MF 7700, the engine, the transmission, the steering, the PTO and the hydraulics work together in perfect harmony to complete your farming tasks efficiently. This partnership offers easy and precise operation when driving on the road or manoeuvring and an unrivalled, productive working experience in the field.

The Massey Ferguson DNA clearly runs through the MF 7700 range benefiting from the triumphant multi award winning legacy of its predecessors in this 140-255hp power segment. With its stylish and smart design, efficient drive-lines, the latest on-board technologies, high levels of comfort and lower operation costs the MF 7700 is born to make your farming business more profitable.

With nine models to choose from, this is one of the best choices that you will make.



MF 7700

	MF 7714	MF 7715	MF 7716	MF 7718	MF 7719	MF 7720	MF 7722	MF 7724	MF 7726
Engine Type	AGCO POWER 6.6 Litre/6 cylinder SCR						AGCO POWER 7.4 Litre/6 cylinder SCR		
Transmission Type	Dyna-4	Dyna-4 Dyna-6 Dyna-VT				Dyna-6 Dyna-VT			
Max Power (hp)	140	150	160	175	185	200	215	235	255
Max Power with EPM (hp)	165	175	185	200	210	225	240	260	280
Max Torque @ 1,500 rpm with EPM (hp)	687	745	790	840	925	980	1050	1120	1146

Highlights

The renowned AGCO Power Engine for excellent reliability, using pioneering SCR Technology since 2008 with the proven record of 25000 SCR tractors sold globally. Perfectly combined with the ultimate transmission choices for maximum outputs, and now with the addition of EPM across the board to provide extra power when most needed to get the job done more efficiently

Ultimate comfort for a more productive working day from a cab that blends comfort, quietness, ease of use and quality with easy cab access using large opening doors. Cab suspension and new front axle suspension for optimum ride in the most difficult fields are complemented by controls offering optimum ergonomics and reduced fatigue, with functionality designed for the maximum efficiency whatever the task.

Capable to working more effectively with the most demanding of implements using high lift capacities and a wide choice of PTO and hydraulic specifications. The latest technology from ISOBUS and Auto-Guide™ 3000 Guidance solutions helps to get the best out of sophisticated equipment, while improving ease of use for the operator.

Low cost of operation from AGCO Power engines with the lowest fuel and AdBlue® consumption plus a maintenance-free exhaust system. The Super Eco transmission further cuts fuel costs in road applications, while Auto-Guide™ 3000 guidance reduces overlaps. Easy and convenient daily maintenance reduces workshop bills, and fleet managers can monitor and optimise machine performance using AgCommand® telemetry.



MF7700

MF 7700 – **Bodyscan your new profit centre**

The new MF 7700 is designed for ultimate efficiency and low cost of operation using a range of the latest straightforward and dependable technologies.

Because we know that a tractor is a profit centre for your business

The MF 7700 is a profit earner in any sector – right from the very first day.

Efficient drive-lines, advanced compliance with the Tier 4 final emissions standard, low fuel consumption, long service intervals, impressive traction and lifting capacities together with low maintenance costs – the MF 7700 simply makes your farming business more profitable. And increasingly so with every hectare that you work.

Ultimate comfort for more productive working day

Cab and front axle suspension improves driving comfort while the new coloured dashboard offers better visibility throughout the working day and features the Setup & Information Screen (SIS) with improved navigation method. A choice of three specification levels to meet your needs.

Low cost of operation

New turbocharger engine control unit and fuel injection system for lower fuel costs, while delivering increased power and torque. Engine power management offering up to 25hp extra when it is needed most in transport and PTO applications. Designed for the ultimate in output with low cost of operation.

Low repair cost

Improved service access and more maintenance-free components including both the new after-treatment system and the new Quadlink suspension for lower service costs. Repair and maintenance manager contracts are available to help farm businesses to operate competitively and cost-effectively, while an extensive dealer network means that support is always just a phone call away.

Efficient drive-lines bring higher productivity

proven Dyna-4 and Dyna-6 powershift transmissions, plus the Dyna-VT CVT transmission now with Engine Power Management to deliver more power when it is needed most. Perfect engine/transmission combinations provide maximum outputs.



Straightforward Fuse Technologies provide the latest user friendly precision farming and management solutions. Auto-Guide™ 3000 Guidance solutions provide economy by reducing overlaps and offer a straightforward GO-Mode function. AgCommand® telemetry system allows machinery owners to monitor their machine performances and optimise their fleet usage ISOBUS capability for 'plug and plant' operation of a wide range of implements.

Ability to work faster with most demanding implements. Up to five spool valves to the rear and three to the front and power beyond installation, plus a redesigned hitch with increased lift capacity. The hydraulic system offers the ability to work faster with the widest implements while increasing versatility.

MIF 7700



The Smart Generation of Cost Effective Power

Some people say that looking into the future is a futile business. For Massey Ferguson and our Engineering department, it has always offered an exciting challenge. But that's not all. Our engineers have always wanted to influence the future in order to offer highly efficient and powerful engines while minimising fuel consumption. These qualities can have a significant effect on a business's bottom line as well as helping to meet the industry's environmental commitments.

Back in 2008, Massey Ferguson, together with AGCO Power, pioneered Selective Catalytic Reduction (SCR) Technology as the most straightforward, maintenance free solution to comply with the toughest emissions legislation without compromising on power and productivity.

This is now the industry standard but we are still leading the way with 25,000 tractors equipped globally!

While helping to preserve the environment for future generations, the only impact on farming businesses has been a highly positive one – cutting fuel bills.

The benefits of SCR Technology for modern farming

AGCO POWER six cylinder 6,6 and 7,4l engines generate maximum power from 140 to 255hp and up to 280hp with Engine Power Management (EPM)

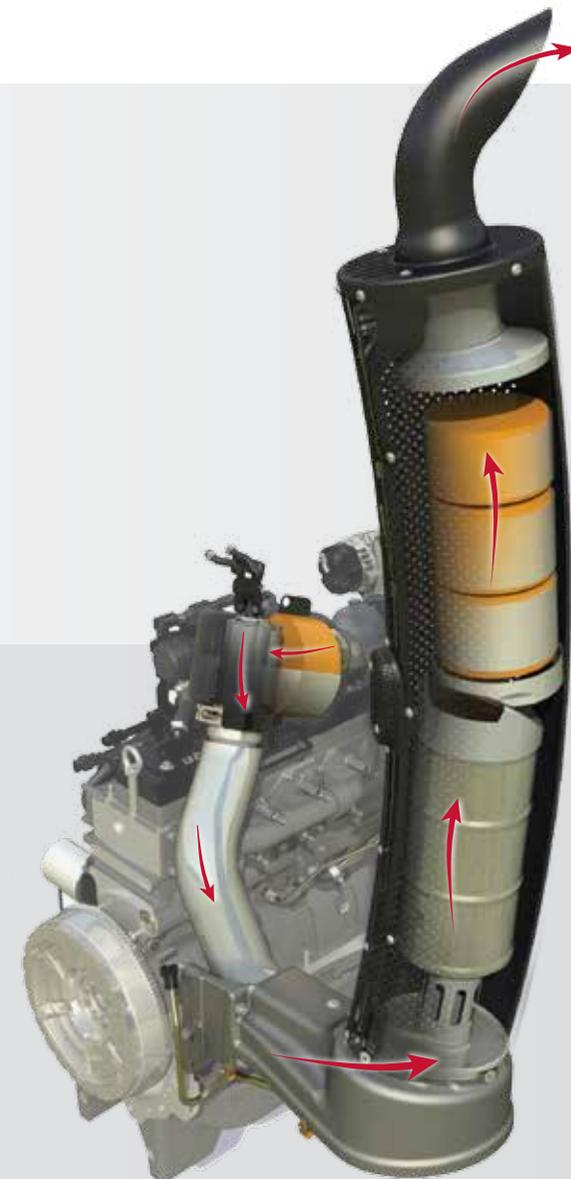
Maintenance-free, third generation SCR Technology cuts downtime and costs

Turbocharger with electronic wastegate installation for higher power capacities and best engine response at all engine revs.

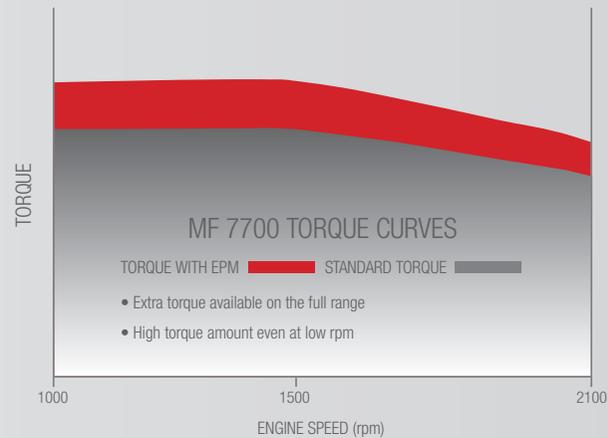
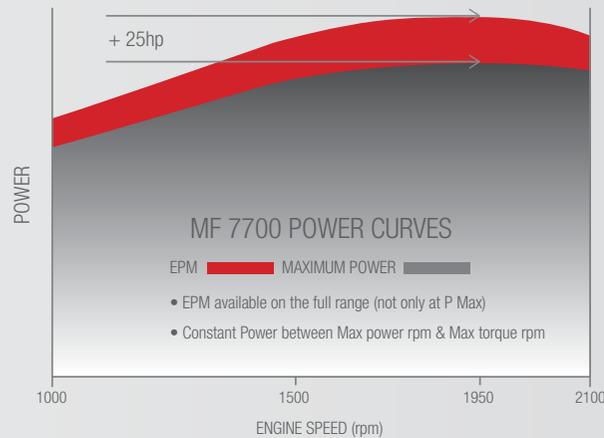
Optimised high pressure common rail fuel injection limits the emissions of Particulate Matter (PM) and means there is no need to fit a Diesel Particulate Filter (DPF) to meet the latest T4 final legislation requirements.

Automatic low idle system cuts engine revs to save fuel when idling while cutting noise levels in the cab for improved operator comfort.

Tractor power is available at any time as there is no need for a Diesel Particulate Filter (DPF) regeneration.



MF7700



Engine Power Management

more muscle when you need it most

Previously only available on tractors with Dyna-4 and Dyna-6 transmissions, Engine Power Management (EPM) is now also available on all MF 7700 Dyna-VT models, offering up to 25hp more when it is most needed.

EPM means a tractor that responds automatically to the load imposed on it, and adjusts fuelling accordingly to give you extra power when you need it most. Designed to tackle tough transport and PTO work challenges, advanced electronic engine and transmission management makes more power automatically available under load or at speed.

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

Engine Power Management requires no operator input and engages automatically for PTO or hydraulic work above 0.1km/h, or for traction or transport applications, above 8km/h (Dyna-4), 6km/h (Dyna-6) and 15km/h (Dyna-VT). Engine Power Management delivers the maximum extra power when both conditions apply (PTO/Hydraulic and forward speed).



Highlights

- EPM available on the whole Power range, not only at P Max
- High level of constant power between Max Power and Max torque rpm
- Torque increase with active EPM on the whole range
- Stable low fuel consumption between Max. power and Max Torque.

The Dyna transmissions

When it comes to drive power, we've really shifted up a gear

Whether your workload demands a semi-powershift or continuously-variable transmission, MF 7700 tractors can be specified with the format that fits your farm. Dyna-4 and Dyna-6 options offer four and six powershifts respectively, in each of four ranges, which can all be controlled from the armrest joystick or transmission control lever (depending on model).

The unique MF Power Control lever on the left side of the steering column provides a PowerShuttle feature, as well as an alternative method of transmission ratio changing and a de-clutch function. Shuttle response can be adjusted according to operator preference.

Massey Ferguson's Dyna-VT Continuously Variable Transmission continues to be one of the most popular transmissions offering maximum productivity, efficiency and operator comfort.

All Dyna transmissions benefit from:

- Exclusive and straightforward left-hand Power Control lever
- Pedal-free operation, which reduces operator fatigue and makes life easier on the operator
- Plenty of gears in the important 4-12km/h working range, with good overlaps
- Autodrive as standard, taking automatic care of up- and downshifting to maximise versatility and output. Response point can be now automatic or adjustable according to desired engine rpm parameters
- Brake to neutral feature disconnects drive when the brake pedal is pressed
- Shuttle responsiveness can be adjusted according to speed of change required
- Progressive adjustment for Dynashift ratios
- Two optional cruise control speeds (C1 and C2 on Efficient and Exclusive version).



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.



Simple, multi-function Power Control

The 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.

- N** Neutral
- De-clutch
- Forward drive
- Reverse drive
- Change up ratio
- Change down ratio





A SHIFT TO THE RIGHT CHOICE -

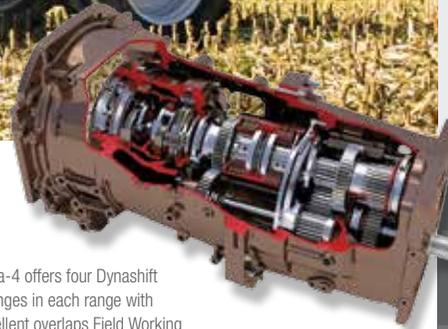
These are the best choice of transmissions ever. Easy to use. Smart to operate. Efficient and comfortable.



MF 7700

Transmission	Dyna-4	Dyna-6	Dyna-VT
MF 7714	●		
MF 7715	●	●	●
MF 7716		●	●
MF 7718		●	●
MF 7719		●	●
MF 7720		●	●
MF 7722		●	●
MF 7724		●	●
MF 7726		●	●

Dyna-4 – four-speed flexibility

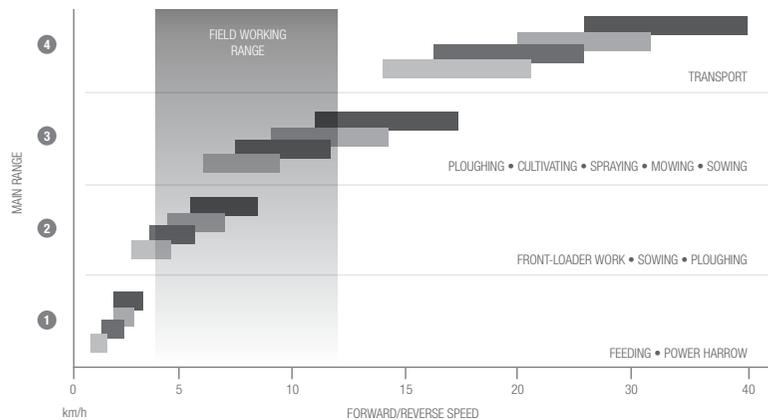


Dyna-4 offers first-rate productivity. The dynamic performance and efficient design behind the Dyna-4 transmission continues to impress with incredibly smooth four-speed, powershift change in each of the four ranges, giving you first-rate productivity, every time.

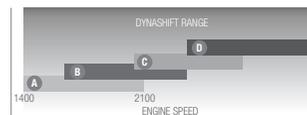
Dynamic performance comes from the optimised design of the Dyna-4 transmission. Well-known features include Power Control, 'pedal-free' operation, four-speed PowerShift, Speedmatching and Autodrive.

Dyna-4 Highlights:

- Optimum field performance as four range changes provide 16 forward and 16 reverse speeds, all available without having to use the clutch pedal!
- Operation is simple and less repetitive with ergonomically placed controls, reducing operator fatigue and stress
- The left-hand Power Control lever enables convenient and straightforward operation
- The choice of pedal and lever mode minimises operator effort and maximises productivity
- Straightforward design and proven, reliable components provide exceptionally smooth operation with strength and longevity



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.



Dyna-6 – performance, refined



Dynamic performance comes as standard with Dyna-6 transmission. Now, this ultra-reliable, semi-powershift gearbox is even more refined.

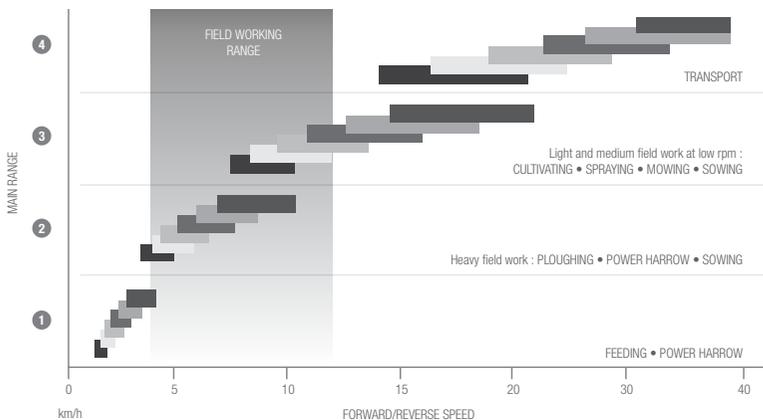
The ultimate semi-powershift transmission in the field today, Dyna-6 combines effortless operation with complete efficiency to create an extraordinary operator experience.

Dyna-6, uniquely, provides a smooth, 6-speed Dynashift change in each of four gears, giving a tremendous range of powershift flexibility over a wide speed range, giving maximum field performance. Both Dynashift and range changes are made under load, without the need to use the clutch pedal.

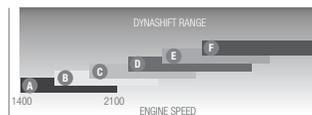
Dyna-6 comes with Eco as standard - reducing engine speed at maximum forward speeds providing a quieter drive and less fuel consumption.

A NEW 40km/h Super Eco transmission is standard on MF 7719 to MF 7726 Dyna-6 for reduced engine rpm at 40km/h giving the lowest fuel consumption and less noise in transport applications.

* Depending on market/legislation.



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



Dyna-6 Highlights:

- Six Dynashift (powershift) ratios
- Maximum productivity with 24 forward gears and 24 reverse gears
- Power Control Lever with three functions on one lever - Forward/Reverse shuttle, declutch, upshift and downshift
- Pedal-free operation
- Nine speeds between 4 Km/h and 12 Km/h
- 40 Km/h or 50 Km/h maximum speed available* at low engine speed (Eco)
- Eco feature allows top speeds to be achieved at low engine revs, offering a reduction in noise and fuel consumption
- A NEW 40km/h Super Eco transmission on MF 7719 to MF 7726 Dyna-6 for reduced engine rpm at 40km/h for lowest fuel consumption and less noise in transport applications.
- Cruise control speeds (C1/C2)
- Brake pedal to neutral feature
- Reverse shuttle aggressiveness adjustment, separate adjustment for forward and reverse
- Aggressiveness adjustment for Dynashift (powershift) ratios



Dyna-VT

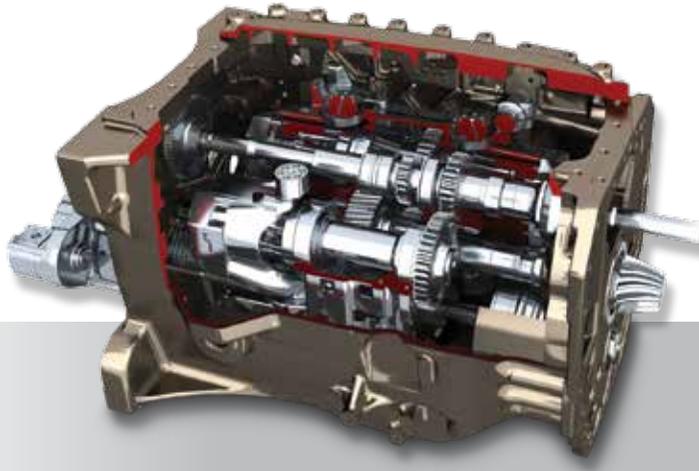
– the tractor transmission without limits

With the continuously-variable Dyna-VT transmission, we have developed a system of power transfer that surpasses all others for ease of use and precision. The Dyna-VT is a proven and refined transmission delivering seamless strength hour after hour. It's intuitive to the operator, the easiest of transmissions to understand and get the most from, and new operators will quickly settle into feeling at one with the machine. Combined with Engine Power Management, Dyna-VT allows you to get the optimum performance, efficiency and economy from your tractor.

Dyna-VT Highlights:

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

*Depending on market legislation.



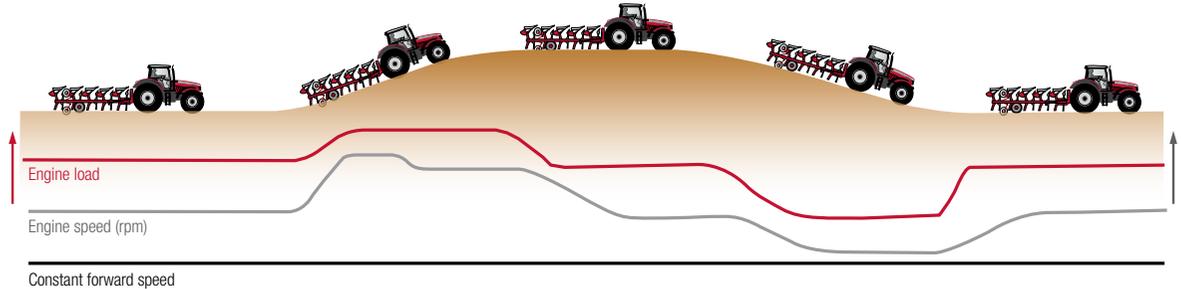
The original Dyna-VT transmission is a true testament to precision engineering; guaranteed productivity, complete operator comfort and optimum fuel efficiency at all times. Further, consistent enhancements such as Dynamic Tractor Management (DTM) make it the most intuitive transmission on the market.

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.

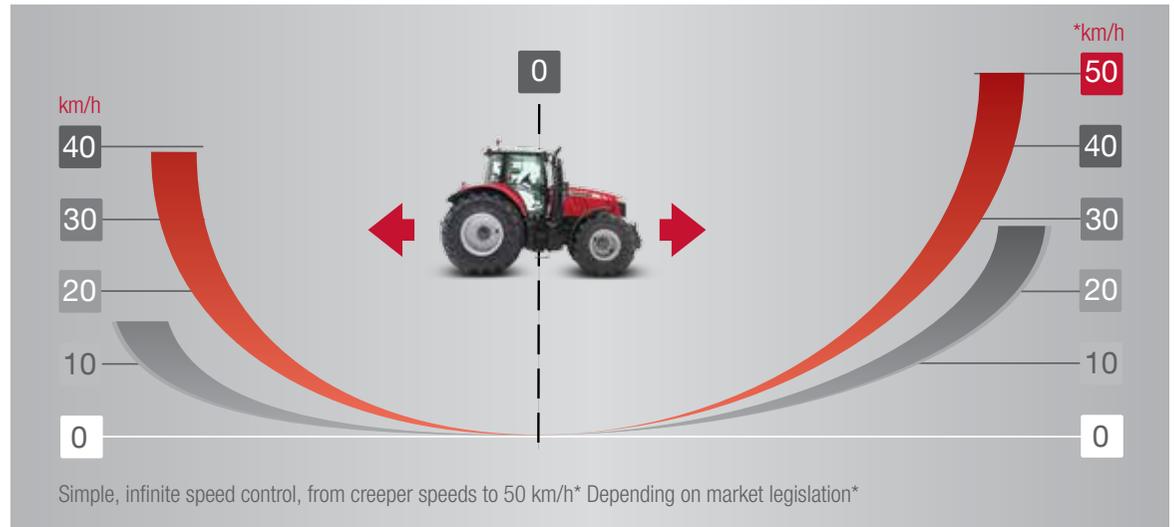
Dynamic Tractor Management works in conjunction with the Dyna-VT transmission, in either lever or pedal mode, to automatically control engine speed according to the load on the tractor,

maintaining the required forward speed whilst keeping rpm to the minimum necessary. It works from 1000-2100 rpm, with the operator able to set both a lower and an upper limit within the range. DTM can be activated with trigger such as PTO, Linkage or hydraulic activation. The result is smoother driving and excellent fuel efficiency.

NEW Engine Power Management (EPM) - now available with the Dyna-VT transmission - means a tractor that responds automatically to the load imposed on it, and adjusts fuelling accordingly to give you extra power when you need it most. Designed to tackle tough transport and PTO work challenges, advanced electronic engine and transmission management makes more power automatically available under load or at speed.



Dynamic Tractor Management (DTM): As the load (red line) varies according to the conditions, the Dyna-VT will automatically adjust the engine speed (grey line) to maintain the forward speed whilst minimising fuel consumption and noise levels.



Welcome to your 'Farm office'

From the origins of modern tractor design, the Massey Ferguson cab has been renowned for excellence, and the MF 7700 moves that legacy a step forward. It's something we work hard for, so you can sit and reap the benefits when days go on and on, in a very productive environment that blends comfort, quietness, ease of use and quality. **Because we know that a more productive operator is an operator who creates profit for his business.**

And there's more in it for you!

The better equipped a tractor is for the job in hand, the easier and more efficiently the job can get done. This is another area where the MF 7700 really stands out of the crowd: as well as an extensive standard equipment package, it comes with a choice of different cab environments offering a wide range of equipment, giving you all the options that you need.

You can make your new MF 7700 as individual as your farm.

Ergonomics – Everything you need in one place to make the working day go smoothly. Easy access to the cab, vital operating information where you need it with the new dashboard, and all major controls conveniently to hand on the right armrest. This tractor has been designed with the operator in mind.

Efficiency at work – Boosting productivity, saving time and making the difference. Work smarter with implements and drive safely on the roads with 360° cab visibility. Be more productive with during a long day with the new MF 'Quadlink' suspended front axle, cab suspension and a choice of seat specification.

Essential, Efficient or Exclusive – Your Choice! - We offer you the freedom to choose your level of comfort and equipment to match your exact needs. Personalise your own MF 7700 tractor with a choice of engine, transmission, cab specification and equipment.



Little extras make a big difference

Sometimes it's the small details that can make a huge change to your workload. The MF 7700 cab is available with numerous comfort and convenience features. These include automatic beacon activation on the road, comfort light delay at end of the day with automatic work lights extinction, extra plug sockets for mobile phones or laptop, radio and MP3 player (USB, Aux and CD), Bluetooth connection, air suspended swivel seat, telescopic side mirrors and electric de-icing, plus automatic air conditioning.



Cab Suspension brings extra comfort

Two types of cab suspension are available. A mechanical and the active mechanical.

Both system offer unprecedented levels of cab comfort. The new active mechanical system uses silent block bushes and spring assisted shock absorbers to give with the automatic mode the optimum damping forces for all driving situations and the reduction of heave / pitch and roll movement. The active mechanical cab suspension system is adjustable, allowing the operator to set the firmness of ride. Adjustment means the operator can control the ride feel under differing terrain and speed.



Standard roof with hatch

Visio roof with FOPS

Tailor the roof to fit

A choice of roof types allows you to tailor your MF 7700 Series tractor to offer for improved visibility for loader work or to increase ventilation.



New Dashboard with SIS – Setup and Information Screen

The slim dashboard design provides for quick, clear and easy analysis of operating data, presented on a 70mm x 52mm colour screen – the Setup and Information Screen (SIS). The screen is larger than before and has an improved resolution that makes information on tractor performance, working area, working distance, fuel and urea consumption or engine and transmission temperature easier to read.

The coloured dashboard also offers better visibility throughout the working day, especially in poor light or at night.



Essential

The new standard for straightforward operation



Essential is the base specification for the MF 7700 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 right hand console on Essential models features a T-Lever transmission controller, hand throttle with engine speed memo A switch and linkage control. All of the main controls are at your fingertips for maximum convenience and control, whatever the operation. On the console you will also find spool valve and PTO controls.

The right hand pillar contains less frequently-used switches, working light controls and the ignition key.



Essential cab control with loader joystick

Essential specification tractors are also available with a multifunction loader joystick, which works seamlessly with the fully-compatible range of Massey Ferguson loaders.

Specifically designed for use with MF loaders, the design of the unique multifunction loader joystick ensures smooth operation and incorporates transmission functions such as forward/reverse selection for the easy, efficient materials handling, whether in the yard or in the field.

Standard Essential features include:

- Control Centre with T-handle transmission lever
- Dyna-4 or Dyna-6 with Autodrive
- Clutch Effect
- Engine speed memo A
- Air conditioning with manual adjustment

Essential specification options:

- Quadlink suspended front axle
- Mechanical cab suspension
- Integrated front linkage
- 1000 Eco rear PTO
- Loader-ready from factory with Multifunction mechanical joystick*
- Closed Centre Load Sensing hydraulics*
- AgCommand® Ready
- Panoramic cab with polycarbonate right-hand side window*

* MF 7714 to MF 7718

The Essential Panoramic cab option

The MF 7700 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.

This cab option will allow a farmer/contractor to diversify his business into roadside maintenance contracting for local authorities.



Mechanically controlled
Multi-function joystick

Front and rear PTO switches
and Auto PTO function

Engine management:
engine lower and
upper limit engagement

Autodrive function

Hand throttle



Efficient

Advanced equipment to heighten your efficiency at work



Efficient is the medium specification package for the MF 7700 Series, designed to help you work smarter and get better results. Choose from either Dyna-6 or Dyna-VT transmissions, a Command Control Armrest and mechanical or electronic spool valves.

Dedicated to delivering increased productivity thanks to its key features, the Efficient specification will enable the operator to work faster, to a higher standard, with more accuracy, together with high levels of comfort, ergonomics and reliability. Stay in control of the most technologically advanced and demanding implements to take advantage of their increased productivity.

Standard Efficient features include:

- Dyna-6 Autodrive or Dyna-VT 40 km/h Eco transmission
- Command Control Armrest with T-Lever
- Cruise speed control and Clutch Effect
- Quadlink front axle
- Standard Air Conditioning
- Mechanical Cab suspension
- Closed Centre 110 l/min hydraulics
- Electrical and mechanical spool valves

Efficient specification options:

- 50 km/h Eco Dyna-6 and Dyna-VT
- Automatic Air Conditioning
- Radio, CD, MP3, Bluetooth connexion, USB & Front auxiliary
- Mirrors with electric de-icing and adjustment
- Datatronic 4 CCD with video and isobus capability
- Integrated front linkage with independent valve
- SpeedSteer
- Loader ready from factory with Multifunction electrical joystick
- AgCommand® Ready
- Auto-Guide™ 3000 with Go Mode

* depending on market/legislation.



- Up to four rear spool valves
- Transmission control lever for effortless speed and range changes
- Electronic linkage control
- Linkage depth control
- Hand throttle

Efficient cab control with optional joystick

Efficient specification tractors are also available with a multifunction joystick.

With the Efficient package, the multifunction joystick adds front linkage control capability for even greater productivity when operating front- and rear-mounted implements.

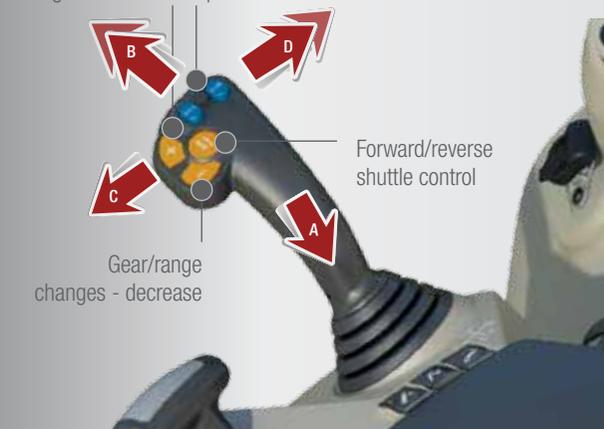
Specifically designed for use with the Integrated Front Linkage System, the design of the unique multifunction joystick ensures smooth operation and incorporates transmission functions such as forward/reverse selection for silage packing, snow blading.

In addition the H3/H4 switches can be set to control additional functions such as rear linkage control, cruise control.

This multifunction joystick, which works seamlessly with the range of Massey Ferguson MF 900 loaders enable efficient materials handling, whether in the yard or in the field.



Gear/range changes - increase Settable function control switches or Loader operation 3rd and 4th loader function



'Multifunction' joystick main functions:

- A. Lift front linkage or rear valve control +
- B. Lower front linkage or rear valve control -
- C. Front or rear valve control +
- D. Front or rear valve control -



Datatronic control centre display

An option on Efficient tractors, the Datatronic 4 control centre display (CCD) has a perfectly-positioned 7" colour monitor mounted to the operator's right. The CCD displays important tractor information, records and shows memory functions and tasks, and oversees automation of headland management, Trailer steering axle management and Dual Control. The CCD has ISOBUS capability and can be connected to a camera for improved visibility of rear mounted implements and trailers.

Exclusive Package

The ultimate expression of productivity and innovation

Exclusive is a combination of high-spec versatility and refinement dedicated to operators looking for a tractor with advanced features and functions in terms of ergonomics, comfort and automation.



The package is aimed at more intensive, large scale operators looking for more advanced features that will ensure cost-effective benefits for their business.

The Exclusive armrest comes with numerous benefits including comfort and convenience when operating multiple, frequently-used controls.

Exclusive also adds the Datatronic 4 control centre display (CCD) as standard. Use the 7" colour monitor to view important tractor information, records and utilise memory functions. The CCD also oversees automation

of headland management, trailed implement control (TIC) and Dual Control. Eliminate cab clutter and simplify implement operation with its ISOBUS capability ; the CCD can also be connected to a camera, used for Trailer steering axle management and Auto-Guide™ 3000 with Go Mode.

Using the Exclusive package, operate the most technologically advanced and demanding implements with the optimum efficiency to take advantage of their increased productivity.

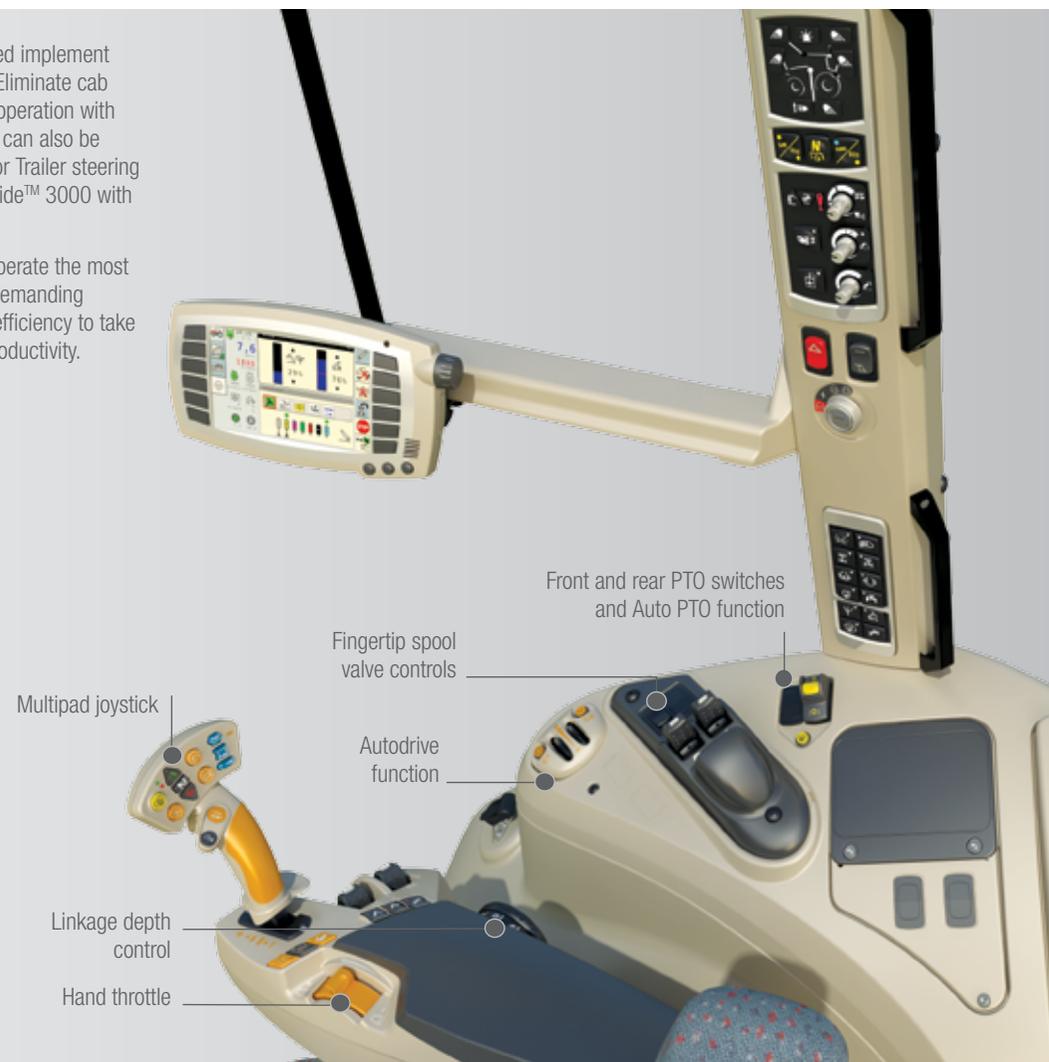
Standard Exclusive features include:

- Command Control Armrest with Multipad lever
- Dyna-6 Autodrive or Dyna-VT transmission
- Cruise speed control and Clutch Effect
- Quadlink front axle
- Automatic Air Conditioning
- Mirrors with electric de-icing and adjustment
- Datatronic 4 CCD with ISOBUS and camera provision
- Dual Control and Headland Management System
- AgCommand®
- Closed Centre 110 l/min hydraulics
- 4 electronic spool valves with fingertip controls

Exclusive specification options:

- Radio, CD, MP3, Bluetooth connexion, USB & Front auxiliary
- SpeedSteer
- Integrated front linkage with independent valve
- Auto-Guide™ 3000 with Go Mode
- Loader ready from factory with Multifunction electrical joystick

* depending on market/legislation.



Exclusive cab controls with joystick



Operate your loader the Massey Ferguson way

When you purchase your new MF 7700 tractor with a loader, it will be specified fully loader-ready to accept the Massey Ferguson MF 900 loader. Your tractor will come complete from the factory with the loader subframe, designed for maximum manoeuvrability and maintenance access, already fitted so that it forms an integral part of the machine.

The optional mechanical multifunction joystick has additional transmission functions such as forward/reverse and speed change for increased versatility - you can keep your hand on the joystick and focus on the loader operation for greater efficiency and accuracy.

You will enjoy superb visibility thanks to slim bonnet and dash profiles. The optional Visioline roof improves your view of loads at height, and is particularly useful when stacking bales, for example.

The new 'clutch effect' feature built into Massey Ferguson's latest braking systems puts the transmission into neutral when the brake pedals are depressed, allowing single-foot brake and clutch operation and making loader operation safer, easier and a lot more comfortable.

Tractor/Loader combination highlights :

- A flexible range for a wide variety of applications
- Optional multifunction joystick comes with forward/reverse and speed change for added versatility
- Highest visibility thanks to the smart design of the bonnet and the slim dashboard
- Factory fitted loader subframe for optimum performance from your all-purpose tractor
- Optimum manoeuvrability and access to maintenance operation
- Optional Visioline roof* with Falling Object Protection (FOPS)
- Excellent manoeuvrability with tight turning angles, SpeedSteer and rapid response from engine and hydraulics

* MF 7714 to MF 7718



Loader operation

'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



Visioline roof with FOPS



“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.”

MF 7700

Model compatibility

MF 7714/ MF 7715/ MF 7716/ MF 7718

MF 7719/ MF 7720/ MF 7722

MF 7724/ MF 7726

Lift height to pivot pin

MF 7714/ MF 7715/ MF 7716/ MF 7718

MF 7719/ MF 7720/ MF 7722

MF 7724/ MF 7726

Lift capacity

Lift capacity ground level at pivot pin

Lift capacity to ground level at 800mm from pivot pin

Rollback force at ground level at 800mm from pivot pin

	MF 900 Series loaders without parallel linkage		MF 900 Series loaders with parallel linkage				
	MF 961	MF 966	MF 968	MF 976	MF 978	MF 988	
Model compatibility							
MF 7714/ MF 7715/ MF 7716/ MF 7718	●	●	●	●	●		
MF 7719/ MF 7720/ MF 7722				●	●		
MF 7724/ MF 7726				●	●	●	
Lift height to pivot pin							
MF 7714/ MF 7715/ MF 7716/ MF 7718	m	4.25	4.25	4.50	4.50		
MF 7719/ MF 7720/ MF 7722	m			4.50	4.50		
MF 7724/ MF 7726	m			4.50	4.50	4.95	
Lift capacity							
Lift capacity ground level at pivot pin	Kg	2280	1790	3170	2990	3380	3930
Lift capacity to ground level at 800mm from pivot pin	Kg	1360	2330	2680	2540	2900	3340
Rollback force at ground level at 800mm from pivot pin	Kg	3360	3360	4470	3870	4480	4460

Versatility means optimised costs

The MF 7700 is equipped for all types of operation

MF 7700



The new dimension in traction

Tractor power means nothing if it cannot be transferred to where it matters: the ground. We've put a great deal of research into ensuring that power is usable.

A wide choice of tyre dimensions and ballasts available for the MF 7700 offers improved traction and low soil compaction for keener operating costs and higher crop yields.

This includes a large rear wheel diameter of 2.05m on the MF 7724 and MF 7726 Dyna-6, which ensures that the tractors can be tailored precisely to the tasks that are expected of them, for maximum traction with the minimum of soil damage, whilst using the minimum of fuel. That is part of our commitment to help protect the soil and preserve the land for future generations.

Increased traction and low soil compaction can be achieved working with the right ballast and tyre choice including tyre pressure.





Rear hitches to match any applications

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



Ballasting for flexibility

To deal with intensive traction work or counter ballast (front or rear), sometimes you need extra weight, so a wide choice of ballasts is available. The MF 7700 is available from the factory with additional front and rear weights to exactly match your needs. Extra versatility is offered by the installation of wheel weights from 250 to 500kg on each side, an integrated belly weight and a new design of 850kg or 1500kg monobloc front weight.

The smart new monobloc weight's compact design has a minimal effect on the overall tractor length, boosting manoeuvrability in transport or when on the farm. Ground clearance and road light beam are not compromised. The monobloc weight can be fitted on the front or rear linkage or directly onto the tractor frame where a linkage is not supplied, and weight can be increased further by the addition of suitcase weights to perfectly meet your needs.



Efficient braking system

With gross weight up to 14,000kg and a tractor designed to haul and handle heavy loads, the MF 7700 braking system is a beefy as the rest of its hydraulic arrangement. Reassuring, fade-free braking comes courtesy off oil-immersed, power assisted disc brakes, while air brakes for trailed equipment are an option.



The right balance between ballasts and tyre choices brings:

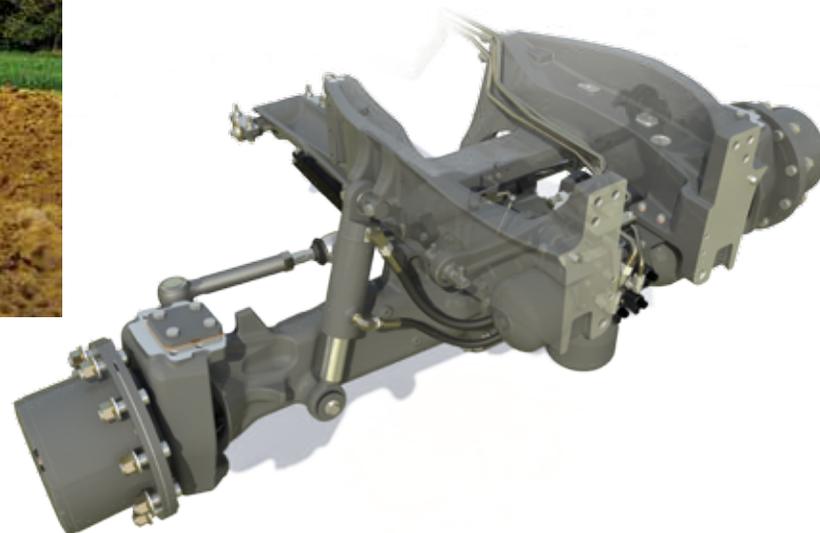
- More power to the ground
- Ultimate traction capabilities
- Limited soil compaction to boost yields whilst maintaining soil health for the next generation
- Improved fuel economy

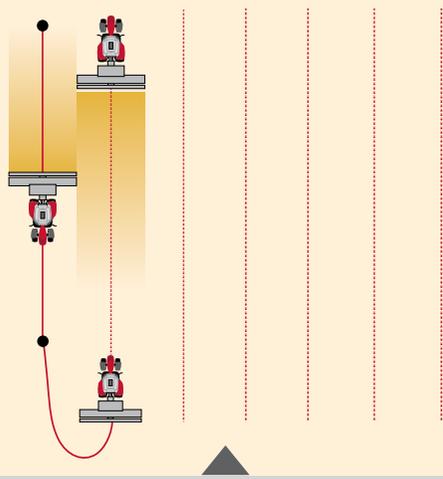
Best in class manoeuvrability



Quadlink Front Axle Suspension

Improved comfort and safety for transport applications. Extra comfort and greater traction is delivered by a new and innovative front suspension option, developed by Massey Ferguson. The simple design produces super ride comfort, turning angle and offers the full angle of oscillation as well as maximising ground clearance. Completely maintenance free.





SpeedSteer for exact turns –

SpeedSteer reduces operator effort and provides faster turns on the headland. This new, optional feature enables the operator to adjust the steering ratio and select number of turns of the steering wheel required for a given amount of steering angle turns. The system can be switched on and off. Above 18 km/h, it automatically switches off for safe operation at high speed in the field and on the road. Speedsteer simplifies headland turning and maximises productivity in the field and on tasks such as loader operations.



Wheelbase

Perfect wheelbase for the perfect power. Wheelbase length is 2.88m on the MF 7714 to MF 7718 and 3.0m on the MF 7719 to MF 7726. These long wheelbases offer improved stability with or without a heavy implement, maintaining high levels of traction in the field and increased comfort in transport.

The combination of the wheelbase and the MF 7700 chassis design means that less ballasting weight is needed, ensuring maximum soil preservation and reduced ground pressure during cultivation, drilling and seeding. The ideal wheelbase and perfect power-to-weight ratio ensures the maximum stability to optimise output, promote soil health and preserve the land for the next generation.

Tight Turning Circle

Improved manoeuvrability for loader operation, in the farm yard and when turning at the headland. 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 such as farm yards.

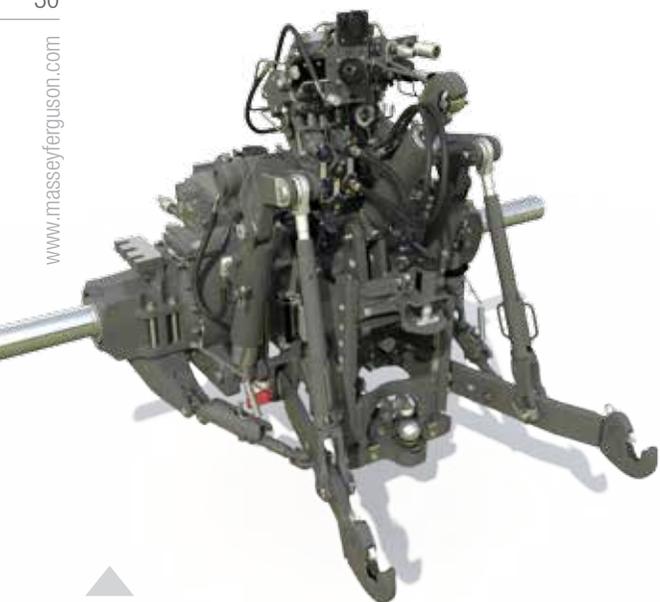
Four-wheel drive and differential lock

Four-wheel drive enhances traction and ensures effective steering is available in difficult field conditions, while the front and rear differential lock system linked to four-wheel drive axle engagement to maximise traction in the field.

Massey Ferguson has long been known for making tractor operators' lives easier and maximising traction, safety and productivity through automation, and the MF 7700 Series takes that a step further by offering automated functions on the differential lock and 4WD systems.

- Automatic disengagement of 4WD and differential lock above 14km/hr
- Automatic differential lock disengagement when a rear linkage-mounted implement is raised (and re-engagement when lowered)
- Automatic differential lock disengagement when either one or both of the brake pedals are pressed (and re-engagement when released)
- Automatic 4WD engagement when both brake pedals are depressed, when the differential lock is engaged or the handbrake applied
- Automatic diff lock activation linked to wheel turning angle.





Heavy duty rear linkages

The upgraded rear linkage now offers lift capacity up to 9950kg. Rear couplers are equipped with an hydraulic decompression system for easy uncoupling of implements and a total of up to five spool valves are available.

Automatic stabiliser installation has also been improved with a shorter chain for the simplest installation. A one way stabiliser each side offers extra reliability.

Hydraulic energy to power the most demanding task

Modern implements are placing more and more demands upon the tractors that power them, which are asked to perform faster and respond better. The MF 7700 comes with immense capability to easily handle heavy-duty applications with outstanding lift and drive capacities for the very latest implements.

Since 1936, we have always been industry leader when it comes to linkage power and hydraulic capability. Massey Ferguson's three-point linkage is the finest example of productivity, power and responsiveness, for the operator in the field. But we have never rested on our laurels when it comes to ensuring our systems meet and exceed the requirements of the very latest implements.

Our engineers have responded with five hydraulic flow choices for MF 7700 tractors:

On MF 7714 to MF 7716 essential are fitted with standard open centre 58 litres/min unit. This uses a high pressure pump to provide 58 litres/min to the rear spool valves and linkage, on option the Open Centre dual pump delivering 100 litres/min is available

The MF 7700 is equipped with a closed-centre, load-sensing high-flow 110, 150 or 190 litres/min depending on model system for faster hydraulic response. This uses a variable displacement swash plate pump in addition to the load-sensing system found above. High flow at low engine speeds maintains high output with economy, as the variable flow pump only supplies oil on demand, while the full output of the large capacity pump is only put into action when required.



Heavy duty Integrated Front Linkage System (IFLS)

A heavy duty Integrated Front Linkage System (IFLS) is available as an option and is designed to match the front suspension. Offering up to 4000kg lift with dedicated front valve control, the IFLS features two spool valves and a free return line.



Ultimate Draft Control

Massey Ferguson continues to lead the way in electronic linkage control (ELC). Massey Ferguson's digital ELC system gives the highest standards of draft control with more accurate depth settings and better ground contour following. The result is more weight transfer, better traction, less wheelslip, reduced tyre wear and reduced fuel consumption whilst still maintaining greater output.



MF 7700



Auxiliary spool valves

Between two and four electro-hydraulic valves are fitted as standard and up to five rear spool valves may be available if required. The Fingertip Spool Valve Management System enables complex equipment to be controlled with ease and precision.

- Rear lift capacity up to 9950 kg (Up to +6%)
- Optional Integrated front linkage with 4000kg lift capacity
- Now up to 8 spool valves :
 - Up to 5 in the rear with hydraulic decompressing system
 - 2 in the front
 - 1 free return line

Standard Active Transport Control (ATC)

When driving across the headland or transporting heavy mounted equipment, implement 'bounce' can occur.

Active Transport Control is a shock-absorbing system which minimises the 'pitching' action – automatically adjusting for different implement weights.

This gives smoother, safer, faster transport and, by reducing shock loads through the lift rams and hydraulic circuits, also minimises the risk of damage to the rear linkage and the implement.

ATC and Suspended front axle

ATC operates in addition to the Massey Ferguson-designed suspended front axle to give exceptional stability when transporting or operating mounted equipment at speed, giving greater comfort, safety and productivity.

Power Beyond

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

MF 7700		Open centre system		Closed centre system		
		58 l/min	100 l/min	110 l/min	150 l/min	190 l/min
Model	Transmission					
MF 7714 to MF 7718	Dyna-4 and Dyna-6	●	○	○	-	-
MF 7719 to MF 7726	Dyna-6	-	-	●	○	-
MF 7700	Dyna-VT	-	-	●	-	○

- Not available ● Standard specification ○ Optional

Highlights

Outstanding operation and performance to tackle with any task - power take off

The MF 7700 is a tractor which is powerful, full of torque and nimble capabilities. Perfect if you are looking for a machine with unbeatable power take off for outstanding operation and performance when working with the most advanced implements.

PTO options for every application

A wide choice of PTO options are available with standard PTO speeds at 2,000 rpm, where maximum power is achieved. With the benefit of a 'constant power' band of up to 1500 rpm and the ability to precisely select any ground speed at the chosen engine speed, you can always achieve a perfect match of PTO speed, forward speed and power – with optimum economy.

MF 7700 Efficient and Exclusive versions are equipped with electrical PTO speed selection for convenience.

An additional fender-mounted engagement PTO start/stop button allows the PTO to be engaged from outside the cab linked to a memorised engine rpm activation. This offers a convenient and safe way to handle applications such as filling a slurry tanker where the operator needs to be outside the cab.

Power with economy

For lighter duty work, '540 Eco' or '1000 Eco' PTO speed is achieved at around 1550 engine rpm, further improving fuel economy and helping to reduce in-cab noise levels.

Automated PTO control

In 'Auto' mode, the PTO is automatically disengaged when the linkage is raised (or when travelling at speeds above 25 km/h) and re-engaged when the linkage is lowered.

Further reducing the need for operator input, the Transmission Controller monitors and controls PTO engagement depending on load. This gives a smoother 'take-up', for improved driver comfort and also helps to protect both implement and tractor from damage caused by inappropriate engagement.

Front PTO (optional) –

A six-spline front PTO which operates at 1,000 rpm is available on MF 7700 tractors, and combined with the front linkage allows a wide range of additional implements to be powered, helping to reduce passes and improve efficiency. Benefit from real time savings – such as more than doubling output when mowing grass.

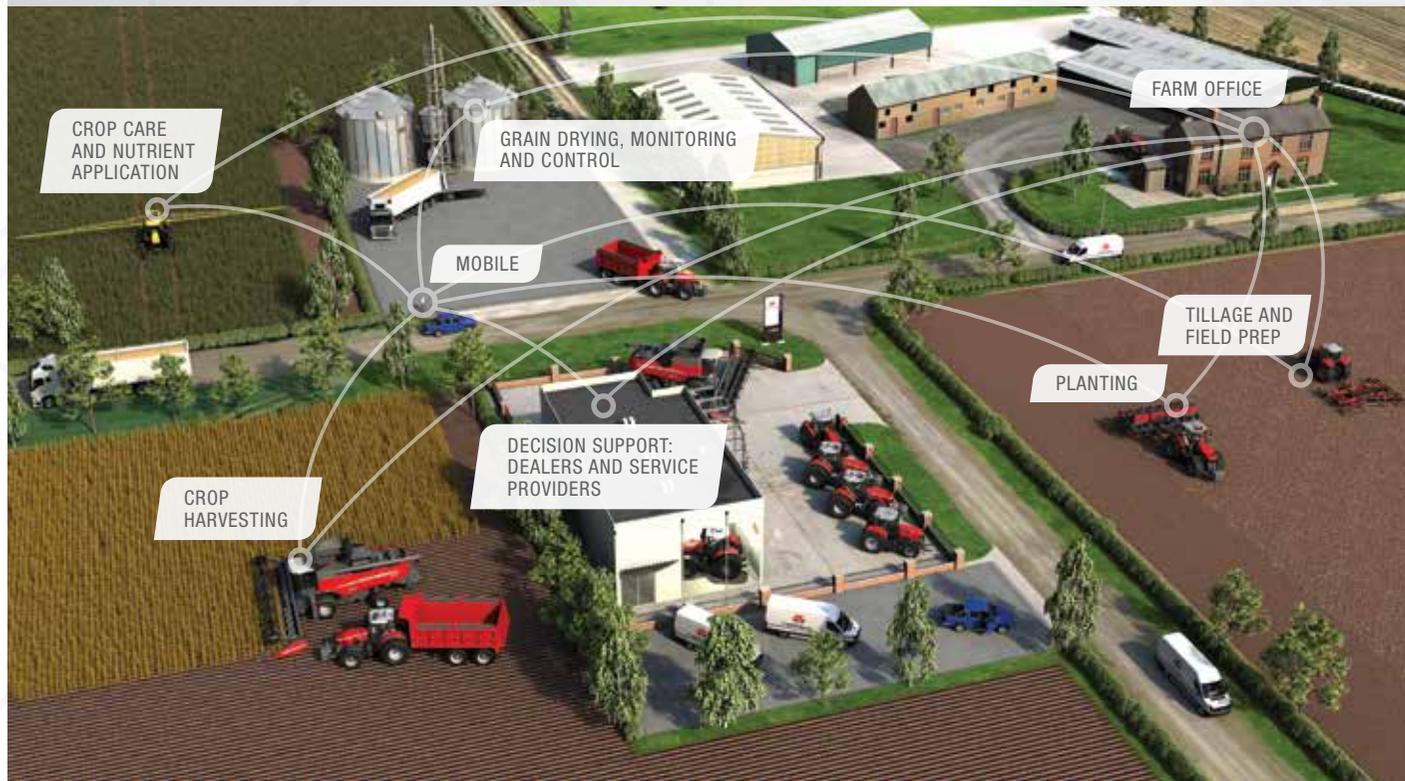


Command Centre PTO selector switches and Auto activation button.



Pillar mounted PTO speed selection controls and linkage controls.

AGCO Fuse™ Technologies: Connected farming from Massey Ferguson



The on- and off-board technology solutions incorporated into the MF 7700 Series are a clear indication of the pace of progress and innovation setting by Massey Ferguson. Information is power when it comes to get the job done more efficiently and more productively. This is the reason why, Massey Ferguson delivers straightforward and dependable technology solutions resulting in unbeatable ease of use, improved productivity and profitability through higher yields, lower inputs costs and greater profits.

For more information on Fuse™ Technologies please visit:
<http://www.agcotechologies.com/MFEAME>



AGCO's overarching 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.

The CCD console.

Keeping you informed and in control



1

Full tractor functions management and optimisation features such as transmission, engine and hydraulics. Moreover there is the remarkable Dual Control system providing excellent control of semi-mounted ploughs by automating the furrow entry and exit. At the same time the system adjusts the plough's depth wheel in relation to the rear linkage. The same system is also used to control implements on the front linkage, automating depth settings and the entire operation, in synchronisation with the rear linkage.



2

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

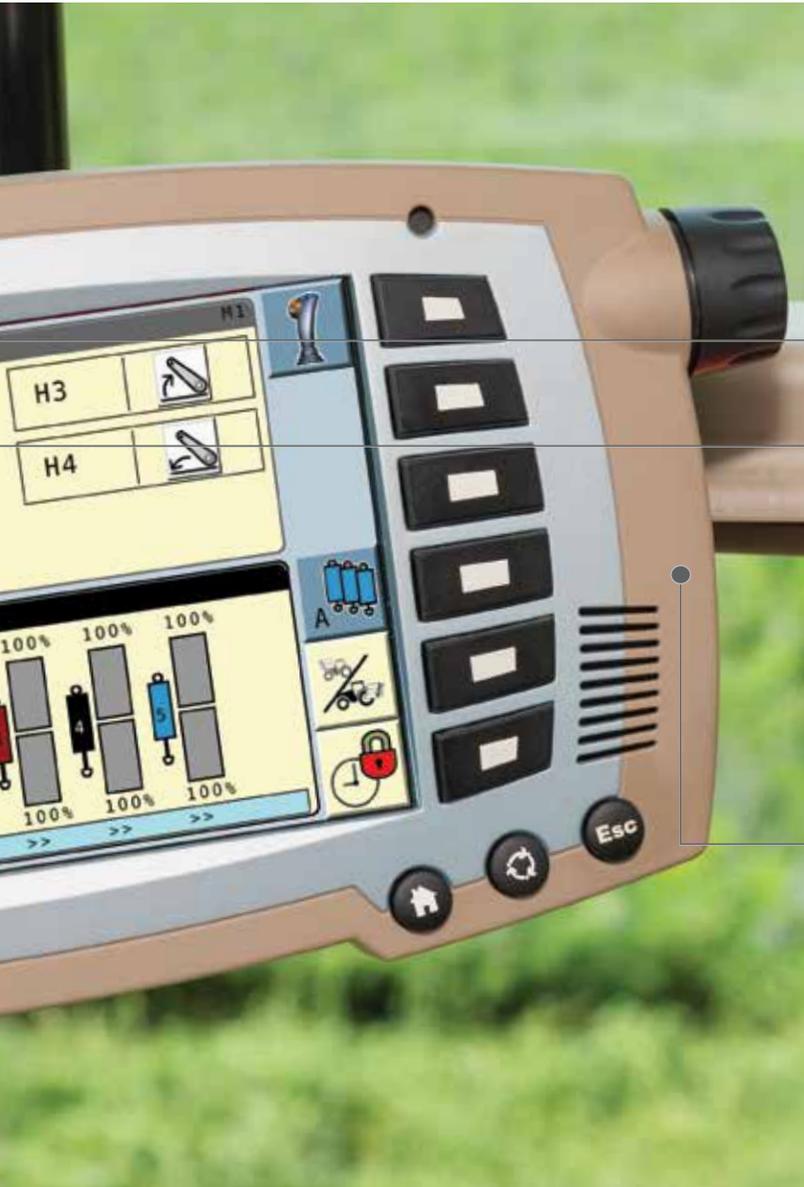


3

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



Fitted as standard on MF 7700 Exclusive models, and available as an option on Efficient models, the CCD console puts information at your fingertips to allow you to quickly make the best decisions to run your business efficiently.



4

ISOBUS for total implement control – ISOBUS allows an implement manufacturer's control system to be displayed on the console screen, saving owners and operators time and money, with no need to install additional terminals in the cab. Simply plug the implement lead into the tractor's ISOBUS socket and the system automatically uploads the operating menus and displays on the screen. MF 7700 ISOBUS applies to the AEF (Agricultural Industry Electronic Foundation) certification.



5

ISOBUS MultiPad switch assignment.

ISOBUS AUX-N implements can be controlled directly using the MultiPad lever. Having all controls (tractor and implement) on the same lever is a lot more convenient than using additional displays and levers. This really versatile system allows several implements to be stored to operate via MultiPad, so it can work with all ISOBUS implements currently in the farm fleet.



6

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



Guidance options to keep you on track for profit



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

An Auto-Guide™ 3000 TopDock receiver comes factory-fitted as an option to Efficient and Exclusive MF 7700 tractors. This allows the use of the free sub-metre accuracy EGNOS correction signal. Upgrades are made easily, without unlocking code, by only adding a snap-in module to the base of the TopDock. An inertial measurement unit (IMU) can be installed to improve tractor positioning where greater accuracy is required, with a radio snap-in providing the ultimate in precision.



Machine
Management



Machine
Control



Datatronic CCD console

Auto-Guide™ 3000 can be displayed through the Datatronic CCD for those who need a simple and integrated guidance terminal, rather than through a separate screen, this allows increased visibility for the driver. The optional C3000 terminal, available via AGCO Parts, offers advanced capabilities and allows you to achieve more. It's the ideal solution for anyone wanting to keep a constant record of job and tasks.



C3000 console

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

GO MODE FUNCTION

A Go mode function allows the operator to begin working with auto-guidance/steering for the first time within a five-minute set-up time, making the system easy to work with and the benefits faster to reap.

This is the easiest way to start auto-guidance without going into any settings, and suits those looking for a simple system to use that does not require advanced settings.

This unique function allows Auto-Guide™ 3000 start-up within 5 minutes to allow even inexperienced drivers to step seamlessly into working with the system after just a few implement and wayline settings.

Implement

Wayline

Go!

Section control

When using ISOBUS compatible equipment, you can benefit from the new AEF certified section control function that switches automatically ON/OFF each individual section of sprayers or spreaders. In addition to the increased comfort, you will also achieve important savings on your farm inputs.





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.

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 information, as remaining fuel level, 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.



Scan me to get the app!



Home page



Machine details



History reports



Efficiency reports



Servicing made easy

With an MF 7700 Series tractor, routine maintenance is fast, straightforward and simple – in short, less stressful. That means you don't waste time in the mornings, and get out of the yard and into the field faster.

Easy access to remove the cab air filter for cleaning.



Front axle and slim waist bonnet design make oil dipstick and filter access easy.



Engine air filter is easy to access and clean. Up to 90% of dust is removed by the suction system from the exhaust gas.



Radiators clearance for cleaning, and can be easily accessed with an air line.




Single-piece bonnet lifts fully for easy access

Lifetime from Massey Ferguson

Anyone who sets standards with a tractor can't stop doing so when it comes to servicing

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.

Massey Ferguson is always by your side when you need it to keep working overtime. We have one of Europe's most extensive service networks for farming machinery. But we offer much more besides: our tractor's services packages as well as our individual financing solutions can help your business to operate competitively and cost-effectively – both with regard to purchase of your MF 7700 tractor and throughout its entire useful life.

You can experience our comprehensive range of services at your local Massey Ferguson dealership to help increase your MF 7700 tractor availability and lower overall costs. Your Massey Ferguson sales and service advisor will be pleased to provide you with detailed advice on what best suits your needs.

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

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.

AGCO Finance* provides the perfect financing arrangement for your business

AGCO Finance is the integrated financial services arm of Massey Ferguson offering tailor made solution to your own farm, which includes :

- Leasing
- loan facilities
- Hire purchase
- Full service packages
- Contract hire

* Please contact your Massey Ferguson local dealer to check availability in your area. Terms and conditions apply that might vary according the market or country.



Industry-leading parts supply from AGCO Parts.

Standard and optional equipment by version

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

	Essential	Efficient	Exclusive
Engine			
6 cylinders AGCO POWER Stage 4	●	●	●
Selective Catalytic Reduction (SCR) technology	●	●	●
EEM engine with memorised speed control	●	●	●
Extra idle engine speed	●	●	●
Engine block heater	○	○	○
Transmission			
Power Control shuttle	●	●	●
Right hand shuttle	-	-	●
T lever on Control Centre	●	-	-
T lever on Command Control Armrest	-	●	-
MultiPad lever on Command Control Armrest	-	-	●
Dyna-4 - 40Km/h - Speedmatching & Autodrive	●	-	-
Dyna-6 - 40Km/h Eco** - Speedmatching & Autodrive	●	●	●
Dyna-6 - 40Km/h Super Eco*** - Speedmatching & Autodrive	●	●	●
Dyna-6 - 50Km/h* Eco - Speedmatching & Autodrive	○	○	○
Dyna-VT 40km/h Super Eco with Dynamic Tractor Management (DTM)	-	●	●
Dyna-VT 50km/h* Eco with Dynamic Tractor Management (DTM)	○	○	○
Supercreeper** or creeper***	○	○	○
Cruise speed control	-	●	●
Brake to neutral - Clutch effect	●	●	●
ParkLock***	-	○	○
Operator Environment			
2 opening doors	●	●	●
Panoramic cab with polycarbon right-hand side window	○	-	-
Standard air conditioning with manual adjustment	●	●	-
Automatic air conditioning / climate control	-	○	●
Visio roof **	○	○	○
Roof hatch	○	○	○
Air suspended swivel seat**	●	-	-
Automatic air suspended swivel seat	○** / ●***	●	-
Super deluxe air suspended seat with heater & pneumatic lumbar adjustment	-	○	●
Auxiliary seat with seatbelt	●	●	●
Mechanical cab suspension	○	●	●
Active mechanical cab suspension	-	○	○
Radio - MP3 - SD card slot - USB	○	●	●
Radio, CD, MP3, Bluetooth connexion, USB & front auxiliary	-	○	○
Telescopic large side mirrors with electric adjustment and de-icing	-	○	●
Radar and slip control	○	○	●
CCD/Datatronic 4 with video and isobus capability	-	○	●
Trailer steering axle management	-	○	●

- Not available
- Standard specification
- Optional
- * Depending on market legislation
- ** MF7714 to MF7718
- *** MF7719 to MF7726

	Essential	Efficient	Exclusive
Operator environment			
Dual Control	-	○	●
Quick headland management	●	●	●
Headland Management System	-	○	●
Speedsteer	-	○	○
Technology			
ISOBUS capability & connector	-	○	●
Auto-Guide Ready	-	○	○
Auto-Guide™ 3000 with Go Mode	-	○	○
AgCommand®	○	○	●
Chassis and Hydraulics			
Mechanical controls of spoolvalves	●	-	-
Electrical and mechanical controls of spoolvalves	-	●	-
Electrical controls of spoolvalves	-	○	●
Multifunction joystick	-	○	○
Loader ready tractor with Multifunction joystick (mechanical control)	○**	-	-
Loader ready tractor with Multifunction joystick (electrical control)	-	○	○
Power beyond with couplers	○	○	●
Electronic linkage controls with Active Transport Control	●	●	●
Auto PTO function	●	●	●
Electric PTO speed selection	-	●	●
Auto 4-Wheel-Drive and Auto DiffLock functions	●	●	●
Telescopic stabilisers	●	●	●
Automatic stabilisers	○	○	○
Hydraulic top link on rear three point linkage	○	○	○
Integrated front linkage system	○	○	○
Integrated Front PTO	○	○	○
Electrical Equipment			
Automatic isolator switch	●	●	●
Iso 11786 signal connector	-	●	●
External lift control on fenders	●	●	●
External PTO start/stop control on fender	●	●	●
External remote valve control on fender	-	●	●
Xenon lighting	○	○	○
Other equipment (Specifications may vary by market)			
Quadlink - Suspended front axle	○	●	●
Pivoting front fenders	○	○	●
Additional heater in cab	○	○	○
Hydraulic trailer brake	○	○	○
Pneumatic trailer brake	○	○	○

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.

Specifications

	MF 7714	MF 7715	MF 7716	MF 7718	MF 7719	MF 7720	MF 7722	MF 77124	MF 7726	
Engine										
Engine Type	AGCO POWER									
Number of cylinders/Number of valves/Capacity	No. /No./cm ³ 6 / 4 / 6600						6 / 4 / 7400			
Bore / Stroke	mm 108/120						108/134			
Aspiration	Turbo with electrical wastegate and intercooler									
Injection type	Common rail									
Fan type - Transmission Dyna-4	Viscostatic		Viscostatic		Viscostatic		Vistronic		Vistronic	
Fan type - Transmission Dyna-6 & Dyna-VT	Viscostatic		Viscostatic		Vistronic		Vistronic		Vistronic	
Maximum hp	140 (103)	150 (110)	160 (118)	175 (129)	185 (136)	200 (147)	215 (158)	235 (173)	255 (188)	
Engine rpm at maximum hp	2000						1950			
Maximum torque @ 1500 rpm	660	677	725	744	859	923	974	1030	1050	
Maximum power with EPM	165 (121)	175 (129)	185 (136)	200 (147)	210 (155)	225 (165)	240 (177)	260 (191)	280 (206)	
Maximum torque with EPM @ 1500 rpm	687	745	790	840	925	980	1050	1120	1146	
Max. power available @ PTO shaft (OECD, accuracy +/- 3%)	120 (88)	135 (99)	140 (103)	155 (114)	165 (121)	180 (132)	195 (144)	210 (155)	230 (169)	
Fuel tank capacity	310	310	310	310	430	430	430	430	430	
AdBlue® tank capacity	30	30	30	30	40	40	40	40	40	
Transmission Dyna-4										
Number of gears	16 x 16	16 x 16	-	-	-	-	-	-	-	
Min. speed @ 1400 rpm	1.3	1.3	-	-	-	-	-	-	-	
Number of speeds with supercreeper	32 x 32	32 x 32	-	-	-	-	-	-	-	
Min. speed @ 1400 rpm with supercreeper	0.09	0.09	-	-	-	-	-	-	-	
40 km/h at engine speed	1900 with 520/85R38 tyres		-	-	-	-	-	-	-	
Transmission Dyna-6										
Number of gears (Fwd x Rev)	-	24 x 24	24 x 24	24 x 24	24 x 24	24 x 24	24 x 24	24 x 24	24 x 24	
Min. speed @ 1400 rpm	-	1.03	1.03	1.03	1.1	1.1	1.1	1.1	1.1	
Number of speeds with supercreeper/creeper	-	- / 48 x 48	- / 48 x 48	- / 48 x 48	36 x 36 / -	36 x 36 / -	36 x 36 / -	36 x 36 / -	36 x 36 / -	
Min. speed with supercreeper/creeper	-	- / 0.07	- / 0.07	- / 0.07	0.26 / -	0.26 / -	0.26 / -	0.26 / -	0.26 / -	
40 Eco / SuperEco km/h at engine speed	-	1800 with 520/85R38 tyres			1500 with 650/65R42 tyres			1500 with 710/70R42 tyres		
50 km/h* Eco at engine speed	-	1950 with 520/85R38 tyres			1850 with 650/65R42 tyres			1900 with 710/70R42 tyres		
Transmission Dyna-VT										
Hydraulic Type	Stepless, Continuously variable transmission									
Field speed range	-	0.03 - 28 Km/h Forward and 0.03 - 16 Kph Reverse							-	
Road speed range	-	0.03 - 50 Km/h* Forward and 0.03 - 38 Km/h Reverse - 40 km/h SuperEco at 1450rpm - 50km/h* Eco at 1600rpm								
Rear Linkage and hydraulics										
Lower links type	Cat 3	Cat 3	Cat 3	Cat 3	Cat 3	Cat 3	Cat 3	Cat 3	Cat 3	
Maximum lift capacity, at link end	7100	7100/8100/9600	7100/8100/9600	8100/9600	9300/9600	9300/9600	9300/9600	9950	9950	
Hydraulic type & max flow	Open Centre 58 (Essential)					Closed Centre Load Sensing 110				
Hydraulic type & max flow - Option 1	Open Centre dual pump 100 (Essential)					-	-	-	-	
Hydraulic type & max flow - Option 2	Closed Centre Load Sensing 110					Closed Centre Load Sensing 150 (Dyna-6)				
Hydraulic type & max flow - Option 3	-					Closed Centre Load Sensing 190 (Dyna-VT)				
Maximum pressure	200	200	200	200	200	200	200	200	200	
Maximum number of rear spoolvalves	4	4/5 (Dyna-VT)	4/5 (Dyna-VT)	4/5 (Dyna-VT)	5	5	5	5	5	

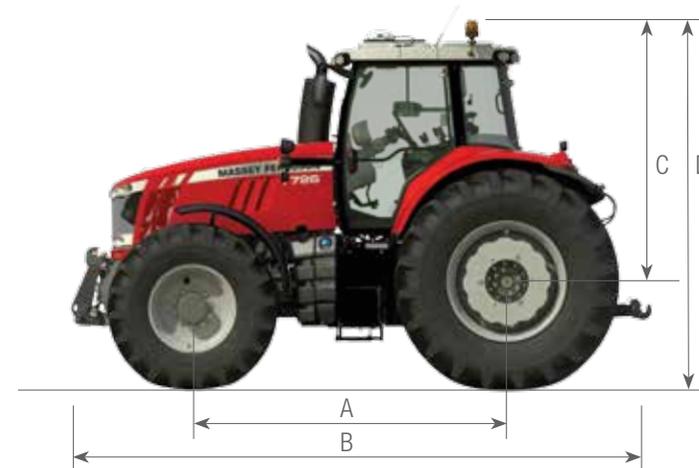
Power Take-Off (Rear)	
Engine speed at	
540/1000	
540/540 Eco/1000/1000 Eco	
540/540 Eco/1000/1000 Eco Dyna-VT	
540/540 Eco/1000 Dyna-6	
540 Eco/1000/1000 Eco	
Shaft diameter	
Front linkage and Front Power Take-Off	
Maximum lift capacity, at link end	
Maximum number of front spoolvalves	
Engine speed at 1000 front PTO speed	
Wheels and Tyres (Full range available. Please consult your Dealer)	
Front	
Rear	
Weights (May vary depending on configuration. Please consult your Dealer)	
Average minimum weight with No. ballast, No. accessories	
Maximum Gross vehicle weight	

	MF 7714	MF 7715	MF 7716	MF 7718	MF 7719	MF 7720	MF 7722	MF 7724	MF 7726
rpm	1980 / 2030	1980 / 2030	1980 / 2030	1980 / 2030	1890 / 2000	1890 / 2000	1890 / 2000	1890 / 1930	1891 / 1930
rpm	1980 / 1530 / 2030 / 1570				-	-	-	-	-
rpm	-	1870 / 1500 / 1900 / 1530							
rpm	-	-	-	-	1890 / 1520 / 2000			1890 / 1520 / 1930	
rpm	-	-	-	-	1520 / 2000 / 1600			1520 / 1930 / 1600	
Inches	1 3/8" 6 & 21 splines								
kg	3200	3200	3200	3200/4000	4000	4000	4000	4000	4000
	2	2	2	2	2	2	2	2	2
	1920	1920	1920	1920	1920	1920	1920	1920	1920
Front	420/85R28	420/85R28	420/85R28	480/70R28	480/70R30	480/70R30	480/70R30	540/65R30; 600/70R30 (Dyna-6)	
Rear	520/85R38	520/85R38	520/85R38	580/70R38	620/70R42	620/70R42	620/70R42	650/65 R42; 710/70R42 (Dyna-6)	
kg	5800	5800	5800	6300	7150	7150	7400	7800	7800
kg	9250	12500	12500	12500	14000	14000	14000	14000	14000

✱ ISO TR14396 - Not available * Depending on market legislation

Dimensions

		MF7714 to MF7718		MF7719 to MF7726	
		Dyna-4 Dyna-6	Dyna-VT	MF7719 to MF7722 Dyna-6 Dyna-VT	MF7724 and MF7726 Dyna-6
A	Wheelbase	m	2.88	3	
B	Overall length from front weight frame to rear linkage arms	mm	4928	5149	
B	Overall length from front linkage to rear linkage arms	mm	5604	5868	
C	Height at centre of rear axle to top of cab	mm	2110	2144	2204
D	Total height	mm	2985	3019	3129 3179





MASSEY FERGUSON
A world of experience. Working with you.



facebook.com/AGCOcorp
twitter.com/AGCOcorp
youtube.com/AGCOcorp
ustream.tv/channel/AGCOchat
blog.agcocorp.com



MASSEY FERGUSON® is a worldwide brand of AGCO.
© AGCO Limited. 2015 | 15737/0215 | A-A-English/0215/10m



Responsible forest management

