



MASSEY FERGUSON

140-255 HP

MF 7700 S



FROM MASSEY FERGUSON

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

The new MF 7700 S 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 S 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 S 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 coloured dashboard offers better visibility throughout the working day and features the Setup & Information Screen (SIS) with ergonomic navigation method. A choice of three specification levels to meet your needs.

Low cost of operation

- Massey Ferguson SCR “High Efficiency” technology provides low fuel consumption
- Maintenance free components
- Easy access to daily maintenance
- Increased maintenance intervals (600 hrs for the engine)

Efficient drive-lines bring higher productivity

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

* Dependent on versions. See specifications or ask your local MF dealer.

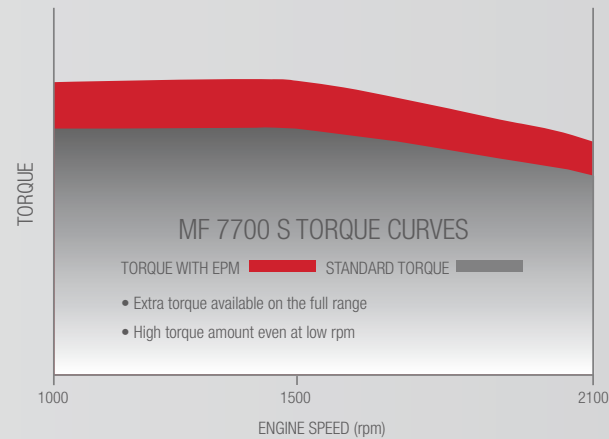
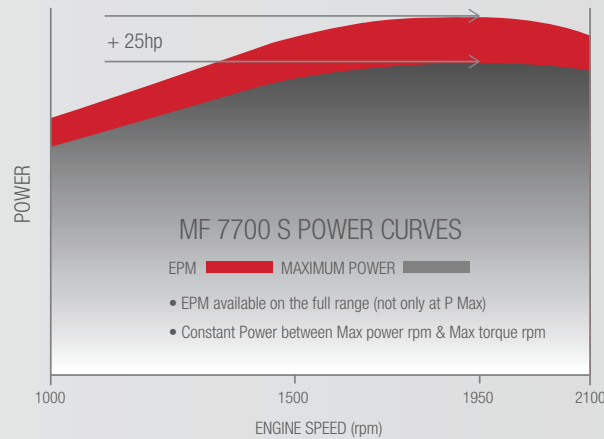


Straightforward Fuse Technologies provide the latest user friendly precision farming and management solutions. New optional Fieldstar 5 terminal provides the latest user friendly **Precision Farming Package**

- 9" touch screen terminal created to provide a more intuitive and precise farming experience.
- New Auto-Guide™ solutions provide economy by reducing overlaps.
- AgControl™ allows you to adjust the application rate on the go, whilst automatically minimising overlap, skips and wasted product.
- TaskDoc™ creates and sends securely detailed records of jobs to the office.
- AgCommand® telemetry for fleet performance and usage management.

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

MASSEY FERGUSON 7700 S



Engine Power Management

offering up to 25hp more when you need it most

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 0.1 km/h, or for traction or transport applications, above 8 km/h (Dyna-4), 6 km/h (Dyna-6) and 15 km/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 S 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, the transmission control lever or the Multipad lever as an option on Efficient models.

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 CVT 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 4-12 km/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
- Up to 2 cruise control speeds (depending on version)



Multipad lever

The Multipad lever controls the rear linkage, PTO, headland management, spool valves and cruise control, as well as operating the transmission. All operations are easily to hand for greater comfort.



Right-hand T-handle

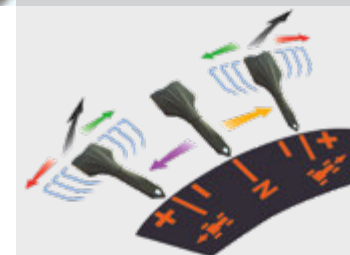
Simply move the T-shaped transmission control lever forwards or backwards to change up or down through the 4 or 6 Dynashift ratios. To change range, simply press the range selection button as you move the lever.



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



Essential

The new standard for straightforward operation



Essential is the base specification for the MF 7700 S 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.

Worklights and
beacons
control panels

Electronic
rear linkage
adjustment



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

Transmission control lever for effortless speed and range changes

Hand throttle

Electronic linkage control

Linkage depth control

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
- Brake to Neutral
- Engine speed memory A
- Air conditioning with manual adjustment
- Mechanical cab suspension
- 1000 Eco rear PTO
- Closed Centre Load Sensing hydraulics

Essential specification options:

- Quadlink suspended front axle
- Integrated front linkage
- Loader-ready from factory with Multifunction mechanical joystick
- AgCommand® Ready
- New Fieldstar 5 Terminal for full precision farming package including Auto-Guide™ guidance system, AgControl™ for variable rate control and TaskDoc™ as well as video and ISOBUS compatibility

Efficient

Advanced equipment to heighten your efficiency at work



Efficient is the medium specification package for the MF 7700 S 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 transmission
- Active Mechanical Cab Suspension
- Command Control Armrest with T-Lever
- Mechanical active cab suspension
- Cruise speed control and Brake to Neutral
- 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*
- Multipad Lever
- Automatic Air Conditioning
- Radio, CD, MP3, Bluetooth connexion, USB & Front auxiliary
- Mirrors with electric de-icing and adjustment
- Datatronic 4 to manage all tractor functions with video capabilities
- Quadlink front axle
- Integrated front linkage with independent valve
- SpeedSteer
- Loader ready from factory with Multifunction electrical joystick
- AgCommand®
- New Fieldstar 5 Terminal for full precision farming package including Auto-Guide™ guidance system, AgControl™ for variable rate control and TaskDoc™ as well as video and ISOBUS compatibility

* depending on market/legislation.



Efficient cab control with multifunction joystick

Efficient specification tractors are standard with a multifunction joystick.

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 and snow blading.

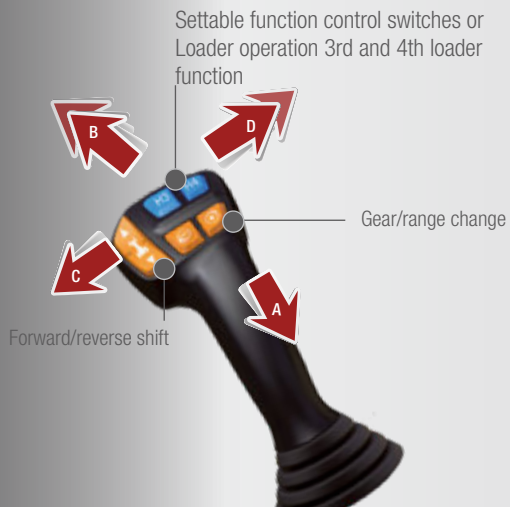
In addition the H3/H4 switches can be set to control additional functions such as rear linkage control, cruise control.

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



'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 has a perfectly-positioned 7" colour monitor mounted to the operator's right. The Datatronic 4 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 Datatronic 4 can be connected to a camera for improved visibility of rear mounted implements and trailers.

Efficient cab controls with standard multifunction joystick and multipad (optional)



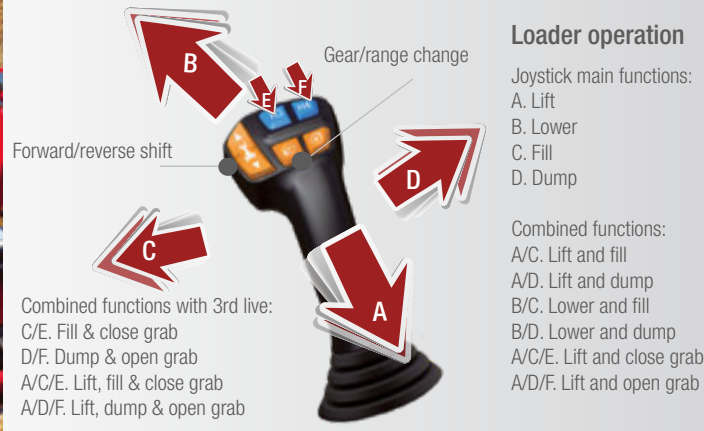
Operate your loader the Massey Ferguson way

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

In total control - The optional mechanical multifunction joystick has additional transmission functions such as forward/reverse and speed change for added versatility during operation. A clever new addition to the loader hydraulic control is 3rd Live which enables the operator to open/close a grab and tip or crowd an implement at the same time. This function has been very well received on Massey Ferguson telehandlers, and is now available for the MF FL loader series.

You will enjoy superb visibility thanks to slim bonnet and dash profiles. The optional Visio roof improves vision 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 can be selected to put 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

“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.”



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
- 3rd live - A clever addition to the loader hydraulic control that enables the operator to open/close a grab and tip or crowd an implement at the same time.
- Optimum manoeuvrability and access to maintenance operation
- Optional Visio roof* with Falling Object Protection (FOPS)
- Excellent manoeuvrability with tight turning angles, SpeedSteer and rapid response from engine and hydraulics

* MF 7714 S to MF 7718 S

MF 7700 S

	MF FL Series loaders			
	without parallel linkage	with parallel linkage		
	MF FL.4227	MF FL.4323	MF FL.4624	MF FL.5033
Model compatibility				
MF 7714 S/ MF 7715 S/ MF 7716 S/ MF 7718 S	●	●	●	-
MF 7720 S/ MF 7722 S	-	-	●	●
MF 7724 S/ MF 7726 S*	-	-	●	●
Maximum Lift Height - Measured at Pivot Pin				
MF 7714 S/ MF 7715 S/ MF 7716 S/ MF 7718 S	m	4.25	4.25	4.6
MF 7720 S/ MF 7722 S	m			4.6
MF 7724 S/ MF 7726 S*	m			4.6
				4.96
Maximum Dump Angle at Maximum height				
		56.5	56.5	55
				53
Maximum Rollback Angle at ground	Deg	48	48	49.5
				47
Breakout Force - At Pivot Pin	Kg	3090	2640	2760
				3860
Breakout Force - 800 mm From Pivot Pin	Kg	2270	2470	2620
				3630
Rollback Force at 1,5m Height	Kg	3940	3430	3980
				4640
Digging Depth	mm	154	154	154
				165

*: FL 4624/FL4628 not compatible with factory fitted subframe

▲
Visio roof with FOPS

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 S 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 S tractors:

MF 7714 S to MF 7726 S models are 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 wash 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 rear linkages

The rear linkage offers lift capacity up to 9950 kg. 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.

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 4000 kg 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 S



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
- Optional Integrated front linkage with 4000 kg lift capacity
- Up to 8 spool valves :
 - 5 rear spool valves & free return with decompression levers
 - 1 independant front linkage
 - 2 independant front spool valves & free return



Conveniently located decompression levers



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 S

Model	Transmission	Closed centre system		
		110 l/min	150 l/min	190 l/min
MF 7714 S to MF 7718 S	Dyna-4 and Dyna-6	●	-	-
MF 7720 S to MF 7726 S	Dyna-6	●	○	-
MF 7700 S	Dyna-VT	●	-	○

- Not available ● Standard specification ○ Optional

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

The MF 7700 S 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

Maximum power is activated with standard PTO speeds at 2,000 rpm. 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 S Efficient 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 S 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.

The new touch of Precision Farming

Powered by Fuse™ Technologies



1

Auto-Guide™ is Massey Ferguson's full featured, hands free steering system, available on new tractors or as an after-market installation. Auto-Guide™ is capable of delivering sub-metre, decimetre and centimetre accuracy, increasing the efficiency of your farming operations saving time and money.



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

AgControl™ is the new Precision Farming solution from Massey Ferguson providing you with the most advanced and most efficient Section Control feature.

Fieldstar 5

The new Fieldstar 5 terminal is designed in order to create a more intuitive Precision Farming experience, providing a system that delivers a straightforward and easy to use experience, improving efficiency, productivity and profitability.



The New Fieldstar 5 features a larger 9 inch touch screen, easy-to-use and intuitive arrangement, similar to the latest generations smart-phones or tablets.

The New Fieldstar 5 and Massey Ferguson's Technology Package is a key asset for enhancing Precision Farming. Making agriculture more profitable and sustainable for the New Generation of Farmers.



4

ISOBUS for total implement control – ISOBUS allows an implement manufacturer's control system to be displayed on the terminal screen, saving owners and operators time and money, with no need to install additional monitors 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 S ISOBUS applies to the AEF (Agricultural Industry Electronic Foundation) certification.



5

ISOBUS MultiPad switch assignment.
 ISOBUS 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

With TaskDoc™ all jobs' data can be recorded with minimum effort, documented in the field record and then analysed, all in the shortest amount of time.



Standard and optional equipment by version

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

	Essential	Efficient
Engine		
6 cylinders AGCO POWER Stage 4	●	●
Selective Catalytic Reduction (SCR) technology	●	●
Engine speed memory (1 or 2)	●	●
Low idle engine speed	●	●
Engine block heater	○	○
Transmission		
Power Control lever	●	●
Right hand shuttle control	○	○
T lever on Control Centre	●	-
T lever on Command Control Armrest	-	●
MultiPad lever on Command Control Armrest	-	○
Dyna-4 - 40 km/h Eco - Speedmatching & Autodrive	●	-
Dyna-6 - 40 km/h Eco ² - Speedmatching & Autodrive	●	●
Dyna-6 - 40 km/h Super Eco ³ - Speedmatching & Autodrive	●	●
Dyna-6 - 50 km/h* Eco - Speedmatching & Autodrive	○	○
Dyna-VT 40 km/h Super Eco with Dynamic Tractor Management (DTM)	-	●
Dyna-VT 50 km/h* Eco with Dynamic Tractor Management (DTM)	-	○
Supercreeper ² or creeper ³	○	○
Cruise speed memories	-	●
Brake to neutral - Clutch effect	●	●
ParkLock ³	-	○
Operator Environment		
2 opening doors	●	●
Standard air conditioning with manual adjustment	●	●
Automatic air conditioning / climate control	-	○
Visio roof ²	○	○
Roof hatch	○	○
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	-	○
FM Radio, CD, MP3, Bluetooth connection, USB & front auxiliary	●	●
Telescopic double Angle Mirrors with Electric Adjustment and de-icing	-	○
Speedsteer	-	○
Fieldstar 5 - 9" touchscreen	○	○
Radar and slip control	●	●
Datatronc 4 with video capability	-	○
Trailer steering axle management	-	○
Dual Control	-	○
Quick headland management	●	●

- Not available

● Standard specification

○ Optional

² MF7714 S to MF7718 S

³ MF7720 S to MF7726 S

	Essential	Efficient
Operator environment		
Headland Management System	-	○
Technology		
ISOBUS capability & connector	○	○
MultiPad with ISOBUS implement control switch assignment	-	○
Auto-Guide™ Ready	○	○
Auto-Guide™ - Novatel - Submetre	○	○
Auto-Guide™ - Novatel - Centimetre	○	○
Auto-Guide™ - Trimble - Submetre	○	○
Auto-Guide™ - Trimble - Centimetre	○	○
AgControl™ 24 section control	○	○
AgControl™- Variable Rate Control	○	○
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)	○ ²	-
Loader ready tractor with Multifunction joystick (electrical control)	-	○
Loader live 3rd control 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	-	●
16 LED working lights (12 LED lights with Visio roof) ² - Day time running LED	○	○
Other equipment (Specifications may vary by market)		
Quadlink - Suspended front axle	○	○
Pivoting front fenders	●	●
Additional heater in cab	○	○
Hydraulic and Pneumatic trailer brake*	○	○
ABS socket dedicated to trailer brakes	○	○

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 S	MF 7715 S	MF 7716 S	MF 7718 S	MF 7720 S	MF 7722 S	MF 7724 S	MF 7726 S	
Engine									
Engine Type	AGCO POWER								
Number of cylinders/Number of valves/Capacity	No. /No./cm ³				6 / 4 / 6600				
Bore / Stroke	/mm				108/120				
Aspiration	Turbo with electrical wastegate and intercooler								
Injection type	Common rail								
Fan type - Transmission Dyna-4	Viscostatic		Viscostatic						
Fan type - Transmission Dyna-6 & Dyna-VT			Vistronic	Vistronic	Vistronic	Vistronic	Vistronic	Vistronic	
Maximum hp	⊕ ISO hp (kW)	140 (103)	150 (110)	160 (118)	175 (129)	200 (147)	215 (158)	235 (173)	255 (188)
Engine rpm at maximum hp	rpm	1950							
Maximum torque @ 1500 rpm	⊕ Nm	660	677	725	744	923	974	1030	1050
Maximum power with EPM	hp (kW)	165 (121)	175 (129)	185 (136)	200 (147)	225 (165)	240 (177)	260 (191)	280 (206)
Maximum torque with EPM @ 1500 rpm	Nm	687	745	790	840	980	1050	1120	1146
Max. power available @ PTO shaft (OECD, accuracy +/- 3%)	hp (kW)	120 (88)	135 (99)	140 (103)	155 (114)	180 (132)	195 (144)	210 (155)	230 (169)
Fuel tank capacity	Litres	310	310	310	310	430	430	430	430
AdBlue® tank capacity	Litres	30	30	30	30	40	40	40	40
Transmission Dyna-4									
Number of gears	Fwd x Rev	16 x 16	16 x 16	-	-	-	-	-	-
Min. speed @ 1400 rpm	km/h	1.3	1.3	-	-	-	-	-	-
Number of speeds with supercreeper	Fwd x Rev	32 x 32	32 x 32	-	-	-	-	-	-
Min. speed @ 1400 rpm with supercreeper	km/h	0.09	0.09	-	-	-	-	-	-
40 km/h at engine speed	rpm	1900 with 520/85R38 tyres							-
Transmission Dyna-6									
Number of gears (Fwd x Rev)	Fwd x Rev	-	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	km/h	-	1.03	1.03	1.03	1.1	1.1	1.1	1.1
Number of speeds with creeper/supercreeper	Fwd x Rev	-	- / 48 x 48	- / 48 x 48	- / 48 x 48	36 x 36 / -	36 x 36 / -	36 x 36 / -	36 x 36 / -
Min. speed with creeper/supercreeper	km/h	-	- / 0.07	- / 0.07	- / 0.07	0.26 / -	0.26 / -	0.26 / -	0.26 / -
40 Eco / SuperEco km/h at engine speed with Max. tyre dimension	rpm	-	1800			1500			-
50 km/h* Eco at engine speed with Max. tyre dimension	rpm	-	1950			1850			1900
Transmission Dyna-VT									
Type	-								
Field speed range	km/h	-	Stepless, Continuously variable transmission						-
Road speed range	km/h	-	Forward : 0.03 to 28 km/h - Backward : 0.03 to 16 km/h						-
	km/h	-	Forward : 0.03 to 40 km/h - Backward : 0.03 to 38 km/h / Forward : 0.03 to 50 km/h - Backward : 0.03 to 38 km/h*						-
Rear Linkage and hydraulics									
Lower links type	Cat	Cat 3							
Maximum lift capacity, at link end	kg	7100	7100/8100/9600	7100/8100/9600	8100/9600	9300/9600	9300/9600	9950	9950
Hydraulic type & max flow - Option 1	l/min	Closed Centre Load Sensing 110				Closed Centre Load Sensing 150 (Dyna-6) (OPT)			
Hydraulic type & max flow - Option 2	l/min	-	Closed Centre Load Sensing 190 (Dyna-VT) (OPT)						
Maximum pressure	Bars	200							
Maximum number of rear spoolvalves		4	4/5 (Dyna-VT)	4/5 (Dyna-VT)	4/5 (Dyna-VT)	5	5	5	5

* Depending on market legislation

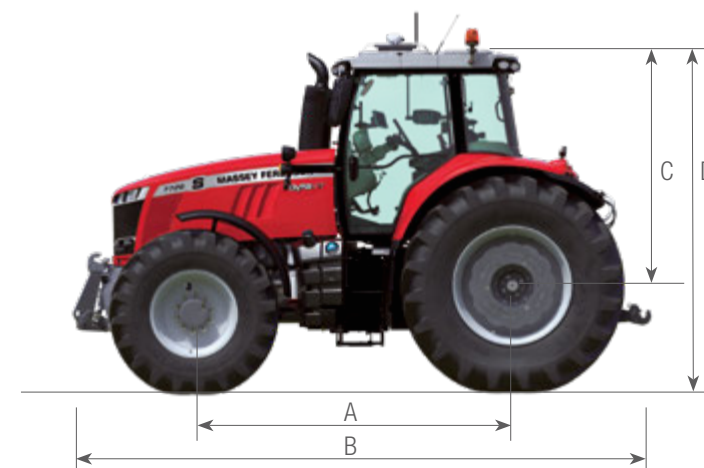
Rear Power Take-Off	
Engine speed at	
540/540 Eco/1000/1000 Eco	
540/540 Eco/1000/1000 Eco Dyna-VT	
540/540 Eco/1000 Dyna-6	
540 Eco/1000/1000 Eco Dyna-6	
Shaft diameter	
Independent Front linkage and Front Power Take-Off	
Lower links type	
Maximum lift capacity, at link end	
Maximum number of front spoolvalves	
Engine speed at 1000 front PTO speed	
Wheels and Tyres	
Front	
Rear	
Weights	
Average minimum weight with no. ballast, no. accessories	
Maximum Gross vehicle weight*	

	MF 7714 S	MF 7715 S	MF 7716 S	MF 7718 S	MF 7720 S	MF 7722 S	MF 7724 S	MF 7726 S
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 & 12 splines							
Cat	3							
kg	3200	3200	3200	3200/4000	4000	4000	4000	4000
	2							
	1920							
(Full range available. Please consult your Dealer)								
	480/80R28				480/70R30			
	600/65R38				620/70R42			
(May vary depending on configuration. Please consult your Dealer)								
kg	5800	5800	5800	6300	7150	7400	7800	7800
kg	11000	12500	12500	12500	14000	14000	14000	14000

⊕ ISO 14396 - Not available * Depending on market legislation

Dimensions

			MF7714 S to MF7718 S		MF7720 S to MF7726 S	
			Dyna-4 Dyna-6	Dyna-VT	MF7720 S to MF7722 S Dyna-6 Dyna-VT	MF7724 S and MF7726 S Dyna-6
A	Wheelbase	m	2.88		3.00	
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





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