



85-95 HP

MF 5708 & MF 5709

With Dyna-4 Transmission



FROM MASSEY FERGUSON

MF 5708 & MF 5709 Dyna-4

The definition of excellent design

Setting New Standards. Extending Expectations

Understated and yet probably the single most important part of any Massey Ferguson tractor is its driveline. Every component of the chassis has been designed to boast immense strength, a major factor in an agricultural tractor's overall performance. This modern design provides versatility, power, durability and outstanding capability to these new MF 5700 models.

The two new three-cylinder Massey Ferguson MF 5700 Series Tractors refine the Global Series' modern, straightforward design with the addition of the renowned Dyna-4 semi-powershift transmission, as well as the option of added cab suspension comfort.

Built in Massey Ferguson's award-winning factory in Beauvais, France, the latest 85hp and 95hp models join the existing 100hp and 110hp tractors and further broaden the appeal of the MF 5700 Series.

Developed and built on the strong, 2.32m wheelbase MF 5700 chassis, providing a 4.3t lift capacity, these cost-effective tractors are ideally suited to a wide range of field work and transport. They come equipped with a host of modern features, including hydraulic controls to ease operation and make them ideally suited to loader operations.

Massey Ferguson Design & Manufacturing

Stylish MF family look. Designed from the ground up, manufactured to state of the art standards. Built in the latest high-technology facilities.

	MF 5708	MF 5709
Max hp (kW) power @ 2000rpm	85 (62.5)	95 (70.8)
Max Torque @ 1500 rpm	347	405
Engine Type	AGCO POWER 3.3l/3 cylinder, compliant with maintenance free DOC and all-in-one SCR Technology	
Transmission Type	Dyna-4 16/16 semi-powershift	
Cab Suspension	Optional	
Rear Linkage Capacity	4,300 kg	

A true tractor/loader combination

Your tractor can be specified fully MF loader-ready from factory

AGCO Power Engines

Fuel efficient and powerful 3 cylinder engines compliant to the latest emissions standards

New standard in cab comfort

Packed with all new features for the tractor segment, 360° visibility. Including the new Visioline roof option. Designed for your operating comfort. Now available with the mechanical cab suspension option

Easy to operate

Thanks to new, intuitive and ergonomic controls, your tractor will respond to your slightest command. If you recognise the driving feel, it's most likely similar to driving your car.

Hydraulics

Highly efficient two pump system as standard ensures optimum efficiency when operating a number of services at the same time.

PTO

A choice between 540, 540E and 1000 PTO speed to power any modern implements

4WD front axles

Can be specified with electro-hydraulic engagement and rear differential lock

Dyna-4 Transmission

The renowned Dyna-4 transmission, with four on-the-move changes, adds class-leading control to these, robust and cost-effective workhorses. **Brake to neutral and AutoDrive transmission options**

Easy access to the operator's environment

You can get into the operator's environment from either the left or right side with great access up wide, well spaced steps



All NEW MF 5708 and MF 5709 with Dyna-4 transmission – 85hp to 95hp

This Massey Ferguson transmission is renowned for its outstanding robust reliability with smooth and effortless operation, offering completely clutchless control via the left-hand Power Control Lever or the T-lever on the right-hand console.

A new brake-activated transmission to neutral feature is an option with AutoDrive. As soon as the brake is pressed it simultaneously operates the clutch. This eases the load on the operator, while increasing efficiency and convenience and is particularly useful for loader operations.

To ensure smooth progress, Speedmatching is specified as standard to ensure that the most appropriate Dynashift ratio is automatically selected when range changes are made. Creeper speeds option is also available, depending on model specification, while Comfort Control is standard.





Simple, multi-function left-hand control

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



Right-hand T-handle

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



AutoDrive

AutoDrive (option) provides automatic shifting and operates in two modes :

- AutoDrive Power mode : Power-shift changes at 2100rpm
- AutoDrive Eco mode : Power-shift changes at 1500rpm



Creeper speeds option

Close control in specialist low-speed tasks is assured with additional creeper gears, enabling forward speeds as low as 100m/hr to be achieved.



Comfort Control

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



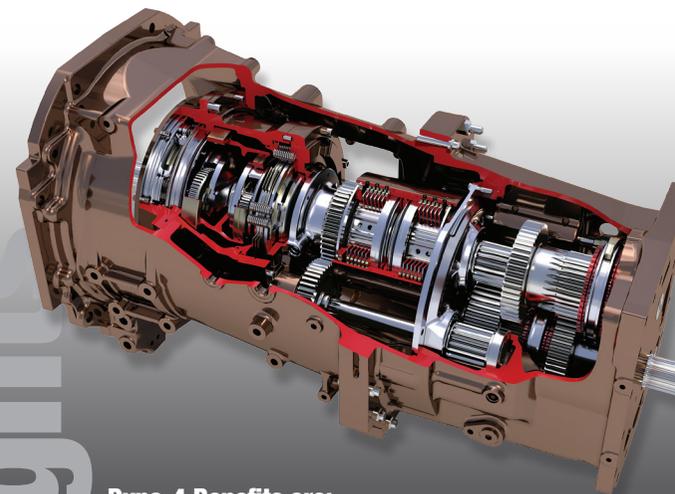
Brake to Neutral

Brake to Neutral switch (Option) will simultaneously operate the clutch as soon as the brake pedal is pressed. This eases the load on the operator, while increasing efficiency and convenience and is particularly useful for loader operations.

Dyna-4 always the right option

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

Dyna-4 provides class-leading, simple and convenient control using either the left-hand Power Control or right hand T-lever.



Dyna-4 Benefits are:

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

Highlight



All in the right place

The right-hand pillar houses less frequently used switches that are still an integral part of the working day. Here you will find the work lights, the rear windscreen wiper, the ELC panel and the starter key.

Large window for 360° visibility

For optimum efficiency and safety

The best working conditions

Dyna-4 transmission on MF 5708 & MF 5709

Straightforward, practical design makes operation easy

We know you are likely to spend many hours of your working day inside the cab of your MF 5700 tractor. As such, we've paid special attention to designing an interior that is both practical and comfortable.

From the ergonomically crafted right-hand side console and controls, to the smartly positioned T Lever and functional dashboard, nothing is missing to make your long and hard day very productive with less fatigue and more output.

Spool valves

Two valves to cover most of the applications

Hand throttle

Differential lock and 4 wheel drive switches

Engine memorised speed

PTO activation switch

Linkage depth control

Electronic linkage control

Right-hand T-handle

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

Loader joystick

Optional integrated mechanical loader joystick.

Easy shuttling

The Power Control lever allows clutching and shuttling at your fingertips with Comfort Control.

The dashboard - All you need to see, to focus on the job

Clear, bright instruments sit within a slim dashboard and show vital operating information.



The Advanced Dashboard displays Engine and PTO speeds, service intervals, fuel consumption, distance travelled, area worked, oil temperature and tractor hours, Engine memorised speed and service information.



Unrivalled 360° visibility

The compact 'all in one' SCR system offers the driver 360° visibility for optimum comfort and safety at work. The Optional cab suspension will enhance driver comfort.



Hydraulics & PTO -

Power any implement for any application

The key to reliable, heavy-duty machinery is to choose a tractor that meets the requirements of today's modern implements and utilizes them to their full potential within a wide range of agricultural applications. There is no limit to the range of powered equipment that can be put to work behind the MF 5708 and MF 5709 tractors.

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.

Simple and efficient hydraulic system

A simple open-centre hydraulic system, powered by two gear pumps. The 32 litres/min pump provides all the internal services, whilst the 58 litres/min allows the electronically-controlled rear linkage to lift 4,300kg.

New 100 litre 'Combined' flow option

On the MF 5708 and MF 5709, 100 litres/min oil flow is achieved at the press of a button, and a higher flow is made available to give extra speed and power for loader operation.

2 spool valves as standard, and a 3rd as an option.

In addition, this oil flow is also available via the two standard auxiliary spool valves to operate implement hydraulic functions while operating the steering. A when turning on headlands.

A third spool valve is available as an option to power more demanding implements.



New 100 litres/min 'Combined' flow option at the press of a button



	Hydraulic systems				
	Internal service	Auxiliary base	Auxiliary Option	Spool valves	Lift capacity
MF 5708	32 l/min	58 l/min	58 l/min supplying rear linkage + 42 l/min supplying spool valve The two pumps can be combined to supply 100 l/min to spool valves (eg : Loader)	2 standard 1 optional	4,300 kg
MF 5709					

Standard and optional equipment

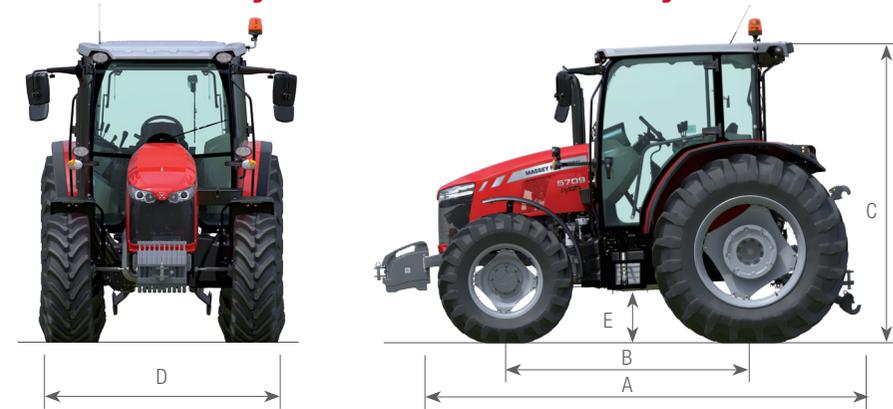
	MF 5708/9 Dyna 4
	Cab version
Engine	
AGCO POWER 3 cylinders, Turbo, Common rail	●
Memorised engine speed	○
Transmission	
Semi Powershift 16 X 16	●
Comfort Control	●
Power Control	●
Autodrive & Brake to Neutral	○
Creeper	○
Cab/Platform	
Large cab flat floor (2 doors easy access)	●
Suspended Large cab flat floor (2 doors easy access)	○
Fenders extensions	○
Air conditioning	○
High vis roof for loader operation	○
Tilt Steering Column	●
Dual Adjustment Steering Column (Tilting & Telescopic)	○
Mechanical seat	●
Pneumatic seat	○
Passenger seat	○
Radio/ CD / MP3/ Front Aux-in	○
Roof worklights (front & rear)	●
Additional handrails worklights	○
2 rear views mirrors	●
2 rear views telescopic mirrors	○
Advanced performance monitor	●
Toolbox	●
Hydraulics	
Independent auxiliary pump	●
2 Mechanical spool valves	●
3 Mechanical spool valves	○
Advanced linkage control (intermix / max height / quick soil engagement / shock absorber)	●
Linkage control on fenders, both sides	○

- Standard specification
○ Optional

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

	MF 5708/9 Dyna 4
	Cab version
PTO	
Independent PTO	●
Electro hydraulic PTO clutch	●
In cab PTO speed selection	●
540/540 E	●
540/1000	○
540 / 540 E / 1000	○
Front axle	
4WD	●
Front fenders	○
Pivoting front fenders	○
Additional equipment	
Isolator switch	●

MF 5708 Dyna 4 & MF 5709 Dyna 4

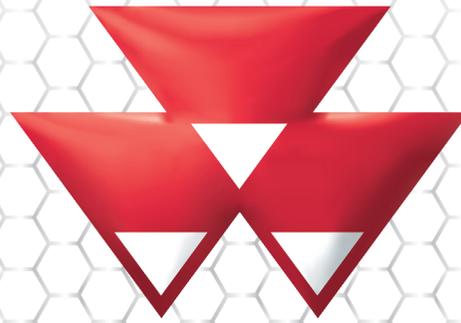


MF 5708/ MF 5709	
4 Wheel Drive	
A – Overall length from front weight frame to rear linkage arms - mm	4197
B – Wheelbase - mm	2323
Turning circle - external diameter, less brakes - m	7.7
C – Height to top of Standard roof with 16,9 R 34 tyres	2685/2765
C – Height to top of Visio roof with 16.9 R 34 tyres	2685/2765
D – Width (min / max) - mm	1821 to 2110
E – Maximum ground clearance - mm	515

Specifications

	MF 5708	MF 5709
Engine Performance		
Max hp (kW) power @ 2000rpm	85 (62.5)	95 (70.8)
Max torque @ 1500rpm	347	405
Engine		
Type/Capacity/no. of Cylinders	AGCO POWER 3.3 Litre, 3 cylinders	
Technology	Electronic injection, Common rail, 4 valves per cylinder, DOC + SCR	
Transmission		
Type/ No. of gears	Semi Powershift 16 x 16	
Gears/ Ranges	4 X 4	
Shuttle	Power Control Lever & Comfort Control	
Transmission option	Autodrive & Brake To Neutral (optional)	
Min Speed (km/hr) @ 1400 rpm*	1.32	
Optional creeper gears	32 x 32	
Min Speed @ 1400rpm* with creeper	0.10	
Power Take-off		
Operation and control	Independent/Electro hydraulic control	
Standard PTO speeds	540 / 540Eco	
Optional PTO speeds	540 / 1000 // 540/540Eco/1000	
PTO speed @ engine rpm	540 & 1000	2000
PTO speed @ engine rpm	540 Eco	1550
PTO shaft		
Standard	6 splines	
Optional	6 & 21 splines	
Hydraulics		
Max oil flow - Stage 1	litres/min 32l/min supplying steering brakes, diff lock, PTO, 4WD	
Standard max oil flow - Stage 2	litres/min 58 l/min supplying spoolvalve and linkage	
Optional max oil flow - Stage 2	litres/min 58 l/min supplying rear linkage + 42 l/min supplying spoolvalve	
	The two pumps can be combined to supply 100 l/min to spoolvalves (eg : Loader)	
Combined flow control	Fully automatic	
Max pressure	Bar 200	
Standard spoolvalves / Optional spoolvalves	2 / 3	
Rear linkage		
Maximum lift capacity	kg 4,300	
Lower links	Hook ends (cat 2)	
Brakes		
Type	Electro hydraulic / Oil cooled	
Rear tyres		
Standard	420/85 R 34	
Optional	340/85 R 38 - 420/85 R 38 480/70 R 38- 540/65 R 38	
Capacities		
Fuel tank capacity	litres 160	
AdBlue® tank capacity	litres 18	
Weight		
4WD**	kg 4070	

* Manufacturer's testing ** Standard configuration with full fuel tanks, an operator - 75 kg and the smallest tyres



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Responsible forest management

