



MASSEY FERGUSON

92 - 102 HP  
69 - 76 kW

# MF 5700



FROM MASSEY FERGUSON

# MF 5709 & MF 5710

## 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.

4.4L, 4Cylinder AGCO Power Engine Massey Ferguson MF 5700 Series Tractors refine the Global Series' modern, straightforward design with the addition of the renowned 12F x 12R Synchro & Power Shuttle Transmission. comfort.

Built in Massey Ferguson's award-winning factory in Changzhou China, the latest 92HP (68kW) & 102HP (76kW) models 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 5709	MF 5710
Max hp (kW) power @ 2000rpm	92 (69)	102 (76)
Max Torque @ 1500 rpm	380	410
Engine Type	AGCO Power 4.4L, 4 cylinders	
Transmission Type	12 x 12 Synchronised Mechanical	
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 4 cylinder engines compliant to the latest emissions standards

### New standard in cab comfort

Packed with all new features for the tractor segment, 360° visibility.

### Easy to operate

Thanks to new, intuitive and ergonomic controls, your tractor will respond to your slightest command. The driving feel, is 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. A high-flow option of 98L/min is available from factory..

### PTO

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

### 4WD front axles

Specified with electro-hydraulic engagement front and rear differential lock.

### 12 x 12 Transmission

The renowned 12 x 12 transmission, with factory fitted option power shuttle, adds class-leading control to these, robust and cost-effective workhorses.

### 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 5709 and MF 5710 with  
12 x 12 transmission – 92 to 102hp (69 - 76 kW)

This Massey Ferguson transmission is renowned for its outstanding robust reliability with smooth and effortless operation.

Creep speeds option is also available, comfort control with Power Shuttle Option.





**Simple, multi-function left-hand control**

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

**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.



# The best working conditions

## 12 x 12 Synchronised Mechanical

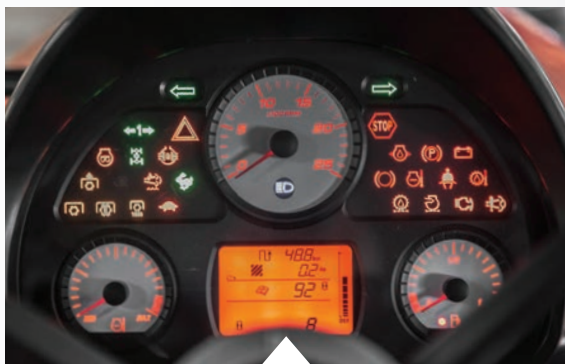
Straightforward, practical design makes operation easy

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, and functional dashboard, nothing is missing to make your long and hard day very productive with less fatigue and more output.

### 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.



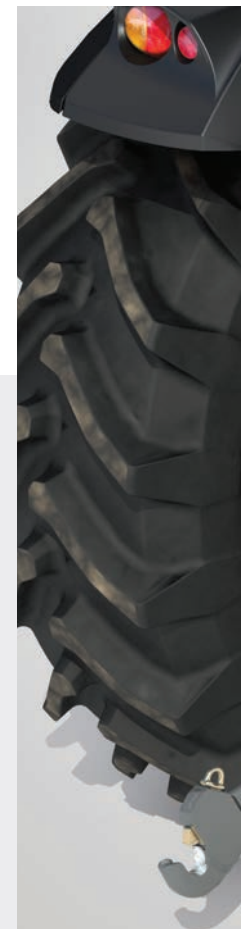
**The Advanced Dashboard** displays Engine and PTO speeds, service intervals, distance travelled, area worked, oil temperature and tractor hours, Engine speed and service information.



**Unrivalled 360° visibility**  
The driver has a 360° visibility for optimum comfort and safety at work.



**AGCO Power Engine**  
This 4.4 Liter, 4 Cylinder turbo charged engine has a proven track record of performance and reliability.





## 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 5709 and MF 5710 tractors.

Since 1936, Massey Ferguson has 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. The hydraulic gear pumps are driven directly from the engine via the PTO driveline providing a constant oil flow when the engine is running. The high pressure pump provides 57 litres / min at rated engine speed, with 98 litres / min at rated engine speed available as a factory installed option, while the low pressure pump provides 33 ltrs/min at rated engine speed.

#### New 98 litre 'Combined' flow option

On the MF 5709 and MF 5710, 98 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.

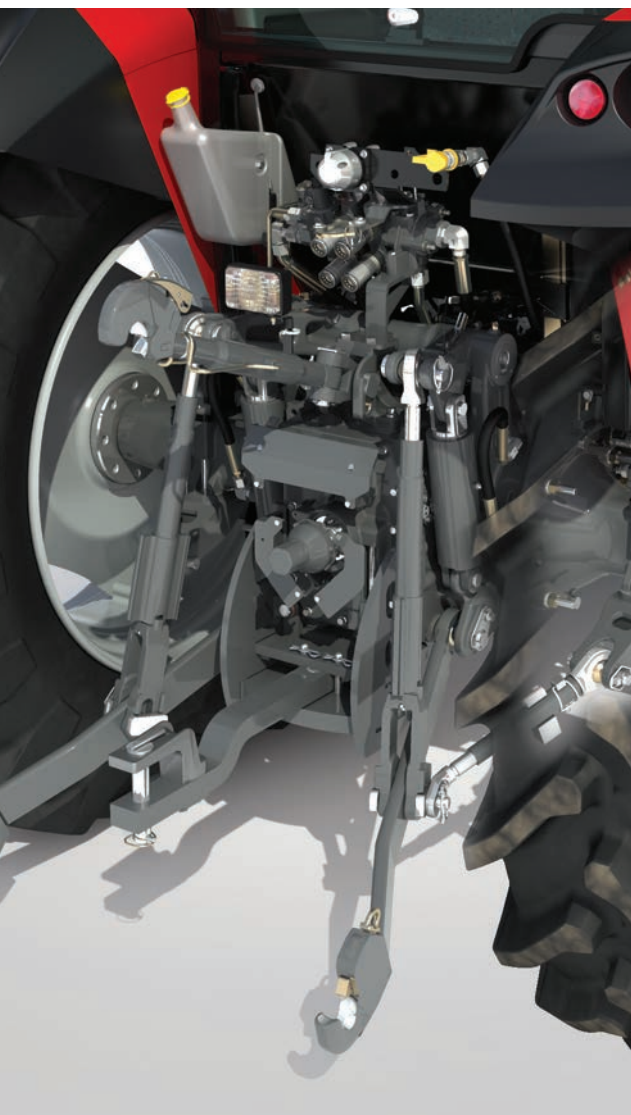
In addition, this oil flow is also available via the two standard auxiliary spool valves to operate implement hydraulic functions while operating the steering. A when turning on headlands.

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				Lift capacity
	Internal service	Auxiliary base	Auxiliary Option	Spool valves	
<b>MF 5709</b>	32 l/min	58 l/min	57 l/min supplying rear linkage + 41 l/min supplying spool valve The two pumps can be combined to supply 98 l/min to spool valves (eg : Loader)	2x standard 3x optional	4,300 kg
<b>MF 5710</b>					



# Standard and optional equipment

	<b>MF 5709 / 5710</b>
	<b>Cab version</b>
<b>Engine</b>	
AGCO POWER 4 Liter, 4 cylinders, Turbo	●
<b>Transmission</b>	
12 x 12 Synchronised Mechanical	●
12 x 12 Synchronized power shuttle	○
Comfort Control	○
Power Control	○
Creeper	○
<b>Cab/Platform</b>	
Large cab flat floor (2 doors easy access)	●
Fenders extensions	○
Air conditioning	●
Tilt Steering Column	●
Dual Adjustment Steering Column (Tilting & Telescopic) *	●
Mechanical seat	●
Radio/ CD / MP3/ Front Aux-in	○
Roof worklights (front & rear)	●
Additional handrails worklights	○
2 rear views mirrors *	●
1 rear views telescopic mirrors **	●
Advanced performance monitor	●
Toolbox	●
<b>Hydraulics</b>	
Independent auxiliary pump	●
98L/min flow	○
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

\* Only on Cab models

\*\* Only on platform models

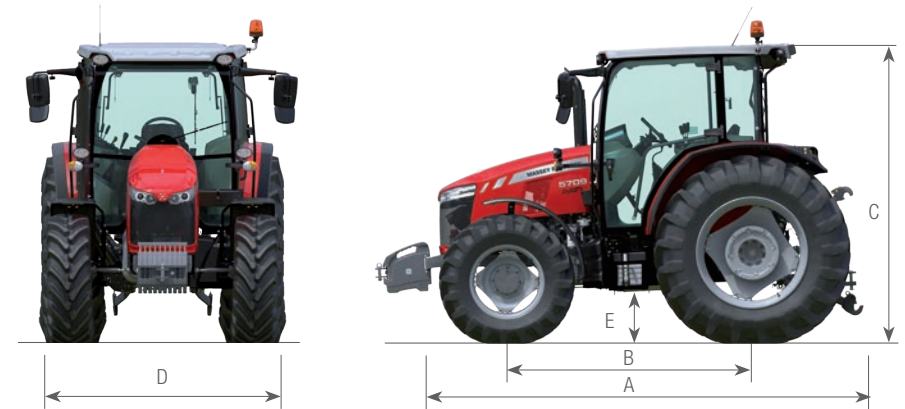
Whichever sector you're in, make the tractor your own

	<b>MF 5709 / 5710</b>
	<b>Cab version</b>
<b>PTO</b>	
Independent PTO	●
Electro hydraulic PTO clutch	●
In cab PTO speed selection	●
540	●
540/1000	○
<b>Front axle</b>	
4WD	●
Front fenders	○

● Standard specification

○ Optional

## MF 5709 & MF 5710



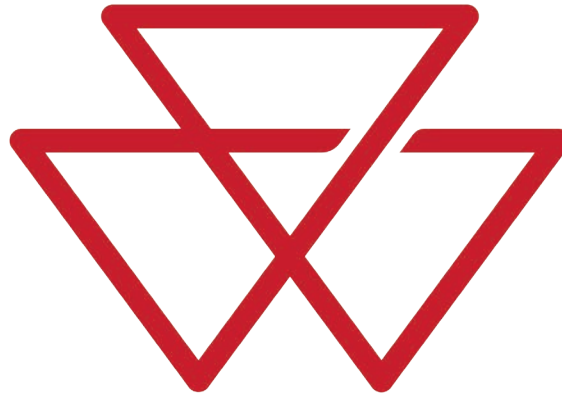
MF 5708/ MF 5709	
4 Wheel Drive	
A – Overall length from front weight frame to rear linkage arms - mm	4197
B – Wheelbase - mm	2323
Turning circle - external diameter, less brakes - m	7.7
C – Height to top of Standard roof with 16,9 R 34 tyres	2685/2765
C – Height to top of Visio roof with 16.9 R 34 tyres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



# Specifications

	MF 5709	MF 5710
<b>Engine Performance</b>		
Max hp (kW) power @ 2000rpm	92 (69)	102 (76)
Max torque @ 1500rpm	380	410
<b>Engine</b>		
Type/Capacity/no. of Cylinders	AGCO POWER 4.4 Litre, 4 cylinders	
Technology	Mechanical Bosch Rotary Direct Injection, Tier II	
<b>Transmission</b>		
Type/ No. of gears	12 x 12 Synchronised Mechanical	
Gears/ Ranges	High / Low	
Power shuttle options	Power Control Lever & Comfort Control	
Min Speed (km/hr) @ 1400 rpm*	1.32	
Optional creeper gears	1:14 - 24x24	
Min Speed @ 1400rpm* with creeper	0.10	
<b>Power Take-off</b>		
Operation and control	Independent/Electro hydraulic control	
Standard PTO speeds	540	
Optional PTO speeds	540 / 1000	
PTO speed @ engine rpm	540 & 1000	1950
<b>PTO shaft</b>		
Standard	6 splines	
Optional	6 & 21 splines	
<b>Hydraulics</b>		
Max oil flow - Stage 1	32l/min supplying steering brakes, diff lock, PTO, 4WD	
Standard max oil flow - Stage 2	57 l/min supplying spoolvalve and linkage	
Optional max oil flow - Stage 2	57 l/min supplying rear linkage + 41 l/min supplying spoolvalve	
	The two pumps can be combined to supply 98 l/min to spoolvalves (eg : Loader)	
Max pressure	200	
Standard spoolvalves / Optional spoolvalves	2 / 3	
<b>Rear linkage</b>		
Maximum lift capacity	kg 4,300	
Lower links	Standard Fixed Ball Ends (Cat 2)	
	Option Hook Ends (Cat 2)	
<b>Brakes</b>		
Type	Electro hydraulic / Oil cooled	
<b>Rear tyres</b>		
Standard	Front 380/85 R24 & Rear 460/85 R34	
Optional	Front 280/85 R28 & Rear 340/85 R38 / Front 340/85 R28 & Rear 420/85 R38 / Slave wheels	
<b>Capacities</b>		
Fuel tank capacity	litres 170	

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



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AGCO South Africa Marketing

16 Pomona Road, Kempton Park, Gauteng, 1619



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