



MASSEY FERGUSON

75-95 HP

MF 4700



FROM MASSEY FERGUSON

MF 4700

Setting New Standards. Extending Expectations

THE NEW WORLD AND BRAND ICON - As the most prestigious name in the farm machinery industry, Massey Ferguson excites the passions of professional farmers who love skillful engineering and iconic tractors.

Throughout the brand's history, Massey Ferguson tractors have symbolised the spirit of their times. Following its most emblematic predecessors: the black tractor, Ferguson Brown, TE20, world famous MF 35 and MF 65, MF 135, MF 165, MF 200 and MF 300 Series, the MF 4700 is aiming to continue the remarkable saga of these MF icons of practical innovation to provide the modern equivalent for efficient operation in contemporary farming applications. These are modern pioneers offered to the world of farming – they are visionaries in their fields. They keep on going beyond the limits. The MF 4700 Series opens the world of farming to new horizons.

Massey Ferguson has always provided innovative, but practical solutions to the farmer's needs to answer the challenges of the time. The MF 4700 Global Series continues this tradition by offering a highly modern, high performance, heavy duty, straightforward range of tractors that provide exceptional efficiency for every type of farmer all over the world.

With its entirely new - yet simple- design, manufactured in state of the art factories across the Globe, with efficient drivelines and high level of comfort, the MF 4700 is definitely designed to be the new workhorse of the world - **it really brings exceptional value for money for any sector!**

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.

Learn more on Pages 4-7

New AGCO Power Engines

Fuel efficient and powerful 3 cylinder, 3.3 litre engines compliant to the latest emissions standards

Learn more on Page 8-9

New STANDARD in cab comfort

Packed with all new features for the tractor segment, 360° visibility. Designed for your operating comfort.

Learn more on Pages 16-17

Easy to operate

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

Learn more on Page 8-9

Hydraulics

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

Learn more on Page 10-11

PTO

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

Learn more on Page 10-11

2WD & 4WD front axles

Can be specified with electro-hydraulically engaged rear differential lock and 4WD

Learn more on Page 8-9

New & MODERN Transmission

This 12x12 all-new synchronized transmission is designed to give efficiency of power delivery with minimum power absorption. Performance like no other tractor in the world

Learn more on Page 8-9

Easy access to the operator's environment

You can get into the cab or the platform from either the left or right side with great access up wide, well spaced steps

Learn more on Pages 14-15



Changing the questions to find new and fresh answers to the challenges of the time



65,547 hours of field testing



3D Virtual Reality Engineering



Anyone who buys a Massey Ferguson tractor today will expect it to fulfill the latest operational and environmental standards. They will expect it to combine the very best of today's technologies with comfort, simplicity, reliability, quality and best farming experience.

Why do we know that? Because, as a partner, you were at the heart of the design phase. This is the reason why Massey Ferguson engineers started from a clean sheet of paper. Our engineers have farming in their blood and visionary power listening to your individual needs. They are eager to develop new solutions to the complex challenges of today's and tomorrow's farming.

GLOBAL DESIGN-

A GLOBAL TRACTOR FOR THE WORLD OF FARMING

We are a Global Brand. We are Massey Ferguson, and the new MF 4700 is the tractor that embodies the full meaning of this statement.

We have created a tractor in which everything we know is farming. With the new MF 4700, the Massey Ferguson DNA goes on the fields so that each farmer, in all parts of the world, can experience what happens when technology is made simple, straightforward and affordable.

During its long history, Massey Ferguson has done much more than design, build and sell farm machinery to provide farmers with the best possible tool. From the Beauvais engineering 3D drawings, the MF virtual reality room and factories have designed tractors whose purpose has always been to enable farmers to depend on them day-in, day-out.



MASSEY FERGUSON

4709

Modern, state of the art manufacturing

In-built reliability, integral reliability

Reliability is in our DNA. As part of its brand promise, Massey Ferguson is committed to delivering the highest quality at any time. Each component of the new MF 4700 Series has been carefully designed, selected and assigned to the best manufacturing suppliers and has been assembled following the latest manufacturing technologies. All along the manufacturing process and before leaving the factory, our quality team carries out systematic checks to control every detail.

Everywhere you look, on everything you touch, there is this feeling of advanced, high quality engineering. On the bonnet and in the centre of the steering wheel you see the logo of a brand that you trust. You are about to begin some hard work, operating the new MF 4700 for the first time. You don't know how it will be, but you have the feeling that this new workhorse won't let you down.





ONE Central engineering site – Beauvais with engineers from Canoas (Brazil), Chennai (India) and Changzhou (China)

\$350M Investment

64 Committed MF engineers

8 Years development project

47 Prototypes tested in the lab and in the field

65,547 Hours testing already accumulated in seven sites around the Globe (France, UK, Turkey, ...)

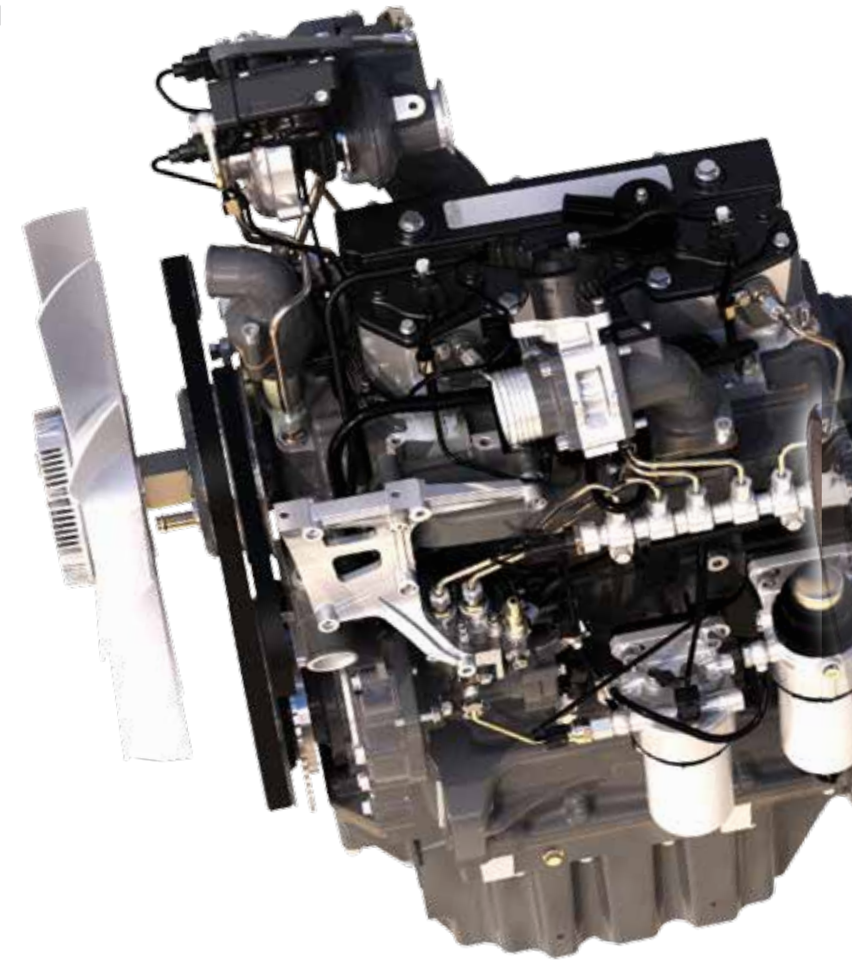
100% New Design, Engine, Transmission, Operator Environment...

01
02
03
04
05
06
07

MF 4700 Series Driveline – The definition of excellent design

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 from a blank sheet of paper 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 the MF 4700 Series.

	MF 4707	MF 4708	MF 4709
Max power @ 2,000 rpm (hp)	75	85	95
Max Torque @ 1500 rpm	312	347	355
Transmission Type	Dyna Synchroshift 12x12 Mechanical	Dyna Synchroshift 12x12 Mechanical	Dyna Synchroshift 12x12 Mechanical
Engine Type	AGCO POWER 3.3l/3 cylinder latest emission level compliant		
Version	Cab/Platform	Cab/Platform	Cab/Platform



SCR Technology*

Maintenance free, 3rd generation SCR Technology cuts down time and costs. Tractor power is available at any time as there is no need for a Diesel Particulate Filter (DPF) regeneration.

Adblue® Tank*

The Adblue® tank can be filled with ease at the same time as refueling.

New AGCO power engine

Three cylinder 3.3 litre engines generate power from 75 to 95 hp. These turbo charged engines have a proven track record for performance and reliability in the MF 5600 Series tractors.

Common rail fuel system

State of the art common rail fuel system offers optimised injection pressures even at low engine speeds, higher temperatures also mean no need for a DPF filter.

Engine - The muscle to tackle any task

For Massey Ferguson and our team of engineers shaping and influencing the future has always offered an exciting challenge. By doing so we aim to offer highly efficient and powerful engines while minimising fuel consumption which can have a significant effect on a business's bottom line, as well as helping to meet the industry's environmental commitments.

Since 2008, Massey Ferguson, together with AGCO Power, has pioneered 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 equipped tractors globally! – The impact on your business is a positive one; reduced fuel bills.

Renowned for reliability, ruggedness and fuel economy, the 3.3-litre AGCO Power three-cylinder engine provides the heart of the MF 4700 Series, delivering 75 to 95 hp. With both tractor and engine coming from the same manufacturer, you can be sure that product quality is on exactly the same level, while compatibility and efficiency cannot be bettered.

Miserly on fuel, low on noise

The engines used in MF 4700 Series tractors are all of a long stroke design that provides high levels of torque across a broad speed range. Maximum torque is achieved at low engine speeds: 1500 revs/min on the MF 4708 model. With a low rated engine speed of only 2200 revs/min, not only is diesel use minimised, but so too are noise and wear and tear, resulting in lower fuel bills and a more pleasant operator experience.

* SCR is fitted on the MF 4708 and MF 4709 Cab Versions

Dyna Synchronshift 12x12 Transmission

Modern and Cost Effective transmission, low power absorption giving great efficiency and excellent fuel savings

Hydraulic PTO clutch ensures simple operation and long life

Full Independent PTO

Full reverse shuttle gearbox with the choice of mechanical or hydraulic operation

Straight through design minimises power loss to maximise performance and economy

Heavy duty rear linkage with ELC (Electronic Linkage Control) ensures safe and reliable operation of the heaviest implements.

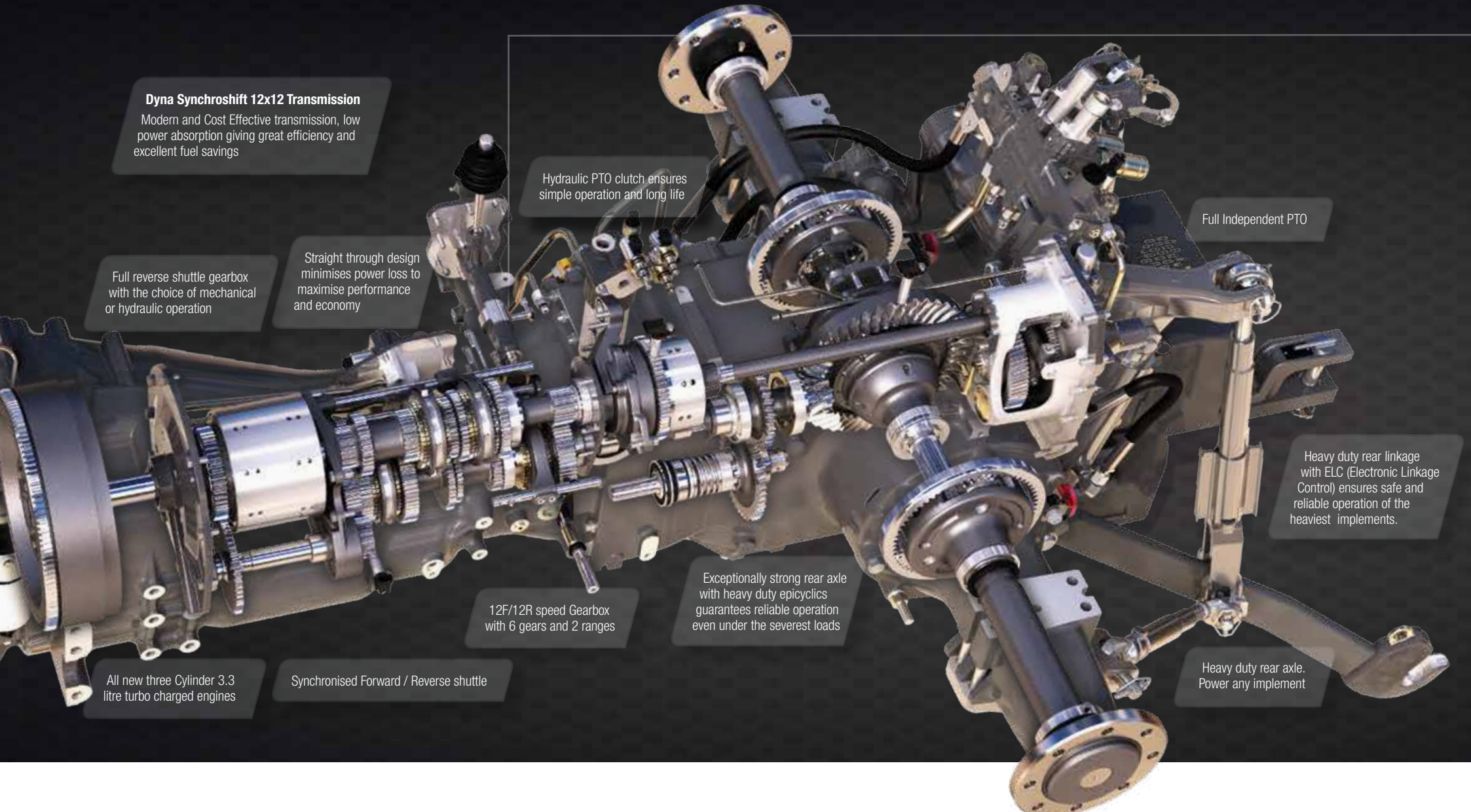
Exceptionally strong rear axle with heavy duty epicyclics guarantees reliable operation even under the severest loads

12F/12R speed Gearbox with 6 gears and 2 ranges

Heavy duty rear axle. Power any implement

All new three Cylinder 3.3 litre turbo charged engines

Synchronised Forward / Reverse shuttle





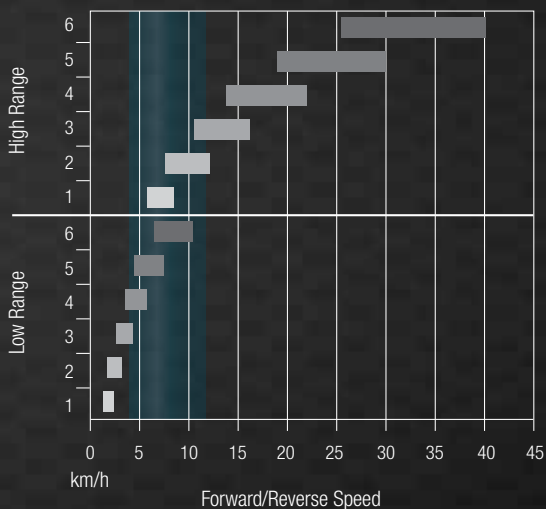
Easy to operate and efficient transmission

The Massey Ferguson 4700 Series tractors feature an all-new synchronised transmission which provides a total of twelve forward and twelve reverse speeds courtesy of two ranges. Six gears are within the 4-12km/hr typical fieldwork range, while maximum speed is 40km/hr.

The right speed for each job is easily selected using gear levers that are within easy reach, yet positioned neatly to hand of the driver, ensuring an unimpeded passage when mounting/dismounting. A single-plate, dry-type clutch is easy to operate and simple to service.

Super Creeper option is also available when the lowest speeds, down to 140m/hr*, are required for the job in hand.

* at 1400 rev/min with 16.9R34 tyres and 12x12, 40 kph transmission



Dyna Synchronshift 12x12 Transmission

- 40 km/h Normal Max Speed
- 16.9-30 Rear tyres
- 8 gears in main field range
- From 4 to 12 km/h

Why is the transmission so easy to operate?



Moving between forward and reverse at field headlands or around the yard, or when hooking up implements, is made easy with a mechanical synchronised shuttle lever mounted on the dashboard.



The optional left hand Power-Control lever provides convenient three-in-one, straightforward operation through the state of the art transmission. The operator can shuttle between forward and reverse and select neutral. For greater accuracy, shuttle responsiveness can be adjusted using the Comfort Control selector, the ultimate combination for working with a front loader.



This option comes with an Easy Shift Control button on the speeds change lever allowing you to change gear without using the clutch pedal.



As the transmission is new, MF engineers have been able to design the clutch pedal lever operation with the customer comfort in mind. This new design allows a lower effort so that shifting becomes as smooth as in any modern car.





MF 4700

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 4700 Series tractors.

Simple and efficient hydraulic system

A simple open-centre hydraulic system, powered by two gear pumps, the 27 litres/min pump provides all the internal services, whilst the 65 litres/min pump allows the electronically-controlled rear linkage to lift 3,000kg. In addition, this oil flow is also available via the two standard auxiliary spool valves to operate implement hydraulic functions while the other pump operates the steering operation of the 4WD clutch reverse shuttle and the PTO. A must to have when turning on the headland.



High efficiency direct drive PTO

Each model is fitted with a 35mm six-spline PTO shaft providing 540, 540E or 1000 PTO speeds and protected by an independent PTO clutch (IPTO). The electronics control the rate of engagement for more reliability; smoother, regulated and adjusted for the optimum rate of engagement to provide a reliable engagement of the PTO whatever the engine speed and the size of the implement.

Highly specified three-point linkage with Electronic Linkage Control (ELC)

The rear linkage has been optimised specifically to complement this size of tractor. It boasts an impressive lift capacity of 3,000 kg, in order that heavy-mounted equipment can be lifted with ease.

It comes with the industry leading Electronic Linkage Control (ELC) as standard. The system provides precise and responsive control of linkage functions ensuring accurate management of working depth for soil engaging implements plus working height for other implements. It brings more responsiveness and accuracy because the electrics operate immediately – this means that the draft reacts accurately to ensure maximum traction at all times to minimise wheel slip and fuel consumption.



PTO engagement remains electro-hydraulic using the same 3-position safety switch (On, Off and Lock/brake).



ELC controls



ELC (Electronic Linkage Control)

- | | |
|---------------------------------------|---|
| 1. Electronic linkage adjustment dial | 5. Position Sensor |
| 2. Electronic linkage control | 6. Draft sensor in the top link |
| 3. Electronic control box | 7. Three point linkage |
| 4. Electronic/hydraulic control valve | 8. Optional linkage controls on fenders |



The most welcoming place to work

Straightforward, practical design makes operation easy

From the origins of the brand, the Massey Ferguson Operator Environment is renowned for excellence and the MF 4700 is no exception. What is important for high horsepower tractors such as the MF 8700 (270-400hp) is also important for lower horsepower and lower specification tractors, because we know that your MF 4700 could be the flagship tractor on your farm. As part of the Massey Ferguson DNA we will never compromise on operator comfort. Our particular formula of focusing on every detail turns driving into a unique farming experience.

A tractor that has been designed with simplicity of operation at its heart doesn't have to have a basic operator environment. Designed from the outset with an emphasis on comfort and ease of use, the MF 4700 Series tractors make hard work a pleasure.

Grab rails mounted outside the operator station (platform versions) or on the large opening doors provide easy access to the steps, mounted directly to the machine, while a low transmission tunnel creates the most spacious operator environment on the market.

Once seated, manually-operated controls are sited in the most ergonomic positions, making them comfortable to operate and reliable over the course of many thousands of tractor hours.



Making the tractor your own



Cab Version

The MF 4700 Series Cab version sets a new standard in terms of Operator Comfort in this tractor sector with ultimate all-round visibility and ergonomics.



Platform Version

The platform version of the MF 4700 Series still offers great operator comfort and ease of use for the operator.



Easy shuttling

The optional Power Control lever with Comfort Control. The mechanical lever, fitted as standard, is ideal for loader work.



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

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 4700 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 gear and range levers 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

PTO activation switch

Linkage depth control

Electronic linkage control

Gear and range levers

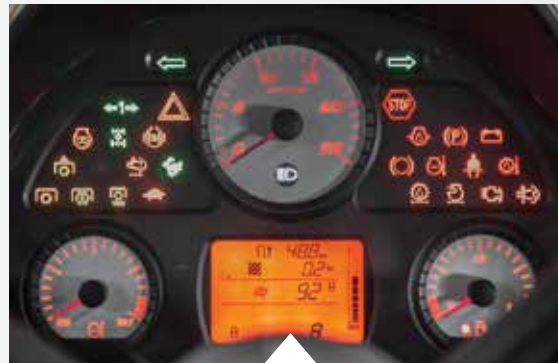
Ease of shifting gears thanks to latest technology from the automotive industry. Shifting gear is now as smooth as in your car.

Loader joystick

Optional integrated mechanical loader joystick.

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.

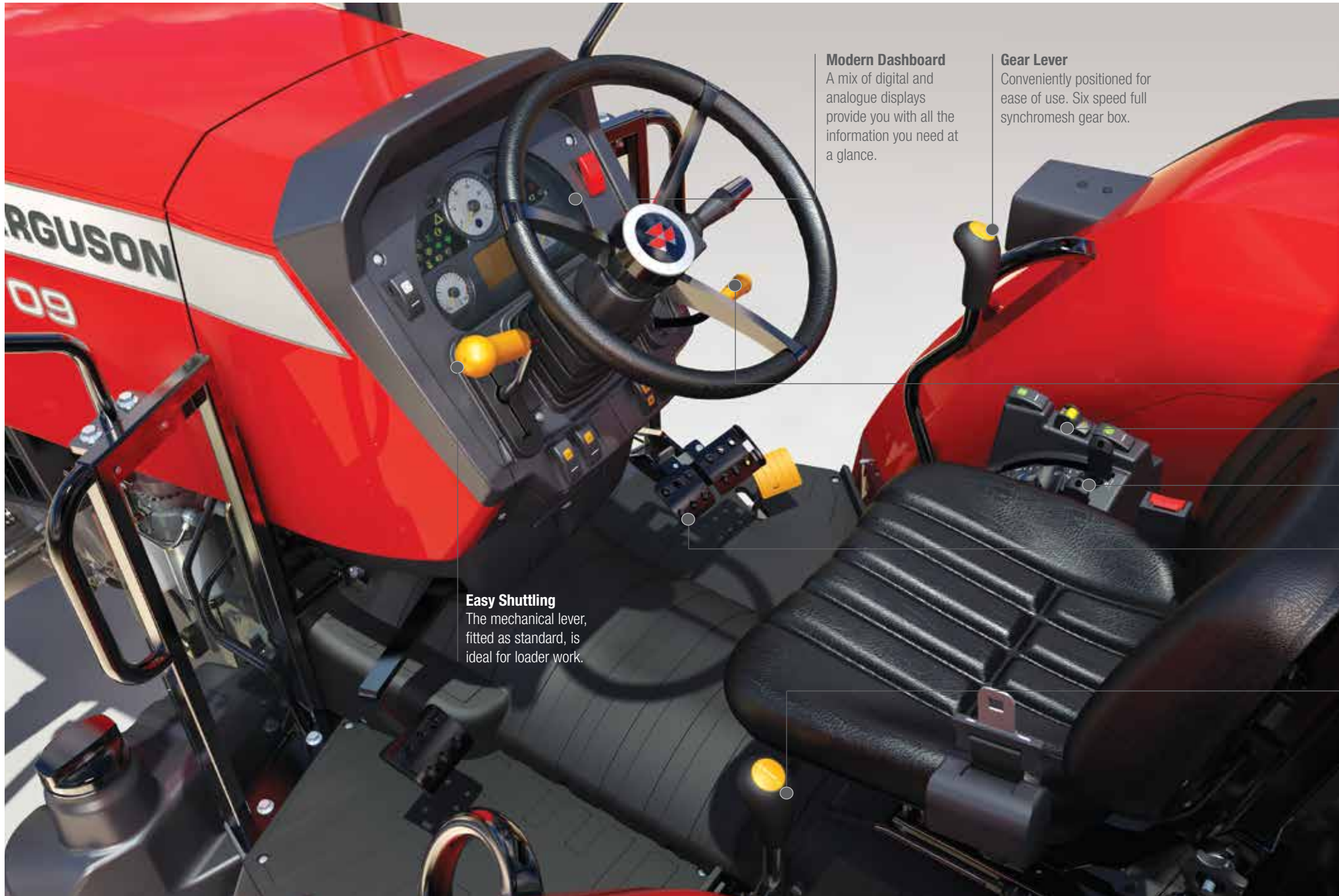


The Advanced Dashboard displays Engine and PTO speeds, service intervals, fuel consumption, distance travelled, area worked, oil temperature and tractor hours, Engine speed memorised, Service information.



Loader Ready Tractor

The MF 4700 is the ideal materials handling tractor and partners perfectly with the purpose-designed MF 900 loader. The loader-ready option includes a High Visibility roof and mechanical loader joystick.

**Modern Dashboard**

A mix of digital and analogue displays provide you with all the information you need at a glance.

Gear Lever

Conveniently positioned for ease of use. Six speed full synchromesh gear box.

Easy Shuttling

The mechanical lever, fitted as standard, is ideal for loader work.

Ergonomic & Modern Platform Version

A platform version that has been designed with simplicity of operation at its heart doesn't have to have a basic operator environment. Designed from the outset with an emphasis on comfort and ease of use, the MF 4700 Series platform versions make hard work a pleasure. Grab rails mounted outside the operator station provide easy access to the footsteps, mounted directly to the machine, while a low transmission tunnel creates a spacious platform. Once seated, manually-operated controls are sited in the most ergonomic positions, making them comfortable to operate and reliable even over the course of many thousands of tractor hours.

Hand throttle

Electronic switches for activation of 4WD and PTO

Lever operated electronic rear linkage control

Pendant pedals for clutch and brake. For excellent comfort and low pedal effort

Range lever

Conveniently positioned to the right of the operator

Essential version

Features an enclosed operator platform with pendant mounted pedals and full width rubber mat providing further comfort.



Power Control Lever

The optional Power Control lever with Comfort Control.



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 tractors' service packages as well as our individual financing solutions can help your business to operate competitively and cost-effectively – starting with the purchase of your MF 4700 tractor and continuing throughout its entire useful life.

You can experience our comprehensive range of services at your local Massey Ferguson dealership to help increase your MF 4700 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

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

	Platform	Cab version
Engine		
AGCO POWER 3 cylinders, Turbo, Common rail	●	●
Transmission		
Mechanical Dyna Synchroshift 12 X 12 "Easy shifting"	●	●
Powershuttle	○	○
Comfort Control	○	○
Power Control	○	○
Declutch control on transmission lever	○	○
Creeper	○	○
Cab/Platform		
Isolated semi platform	●	-
Large Cab (2 doors / easy access)	-	●
Air conditioning	-	○
High vis roof for loader operation	-	○
Fixed steering column	●	●
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	○	○
Single rear view mirror	●	-
2 rear view mirrors	○	●
2 rear view telescopic mirrors	-	○
Standard dashboard	●	●
Advanced performance monitor	○	○

	Platform	Cab version
Hydraulics		
Independent auxiliary pump	●	●
High flow 65 l/mn	●	●
2 Mechanical spool valves	●	●
3 Mechanical spool valves	○	○
Lever linkage control	●	●
Electronic lever control (drop rate / intermix)	-	○
Linkage controls on rear fenders	○	○
PTO		
Independent PTO	●	●
Electro hydraulic PTO clutch	●	●
External PTO speed selection	●	●
In cab PTO speed selection	-	○
540	●	●
540/540 E	○	○
540/1000	○	○
Front axle		
4WD	●	●
2WD	○	-
Electro hydraulic diff lock	●	●
Front fenders	●	●
Pivoting front fenders	○	○
Additional equipment		
Automatic Isolator switch	●	●
Additional cab heater	-	●

- Not available
- Standard specification
- Optional

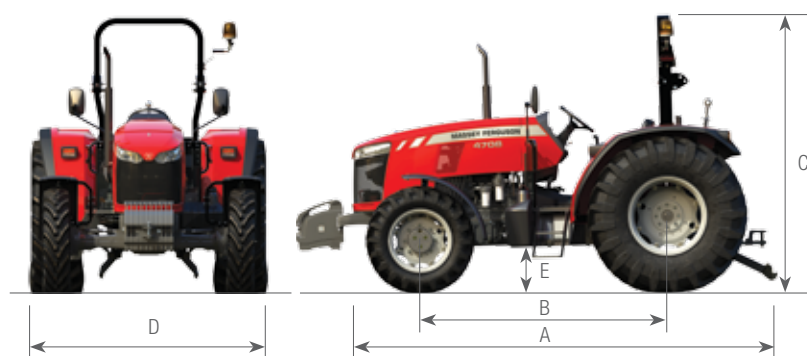
Specifications

	Platform version			Cab version		
	MF 4707	MF 4708	MF 4709	MF 4707	MF 4708	MF 4709
Engine Performance						
Max hp (kW) power @ 2000rpm	75 (55.9)	85 (62.5)	95 (70.8)	75 (55.9)	85 (62.5)	95 (70.8)
Max torque @ 1600rpm	312	357	355	312	347	355
Engine						
Type/Capacity/no. of Cylinders	AGCO POWER 3.3 Litre, 3 cylinders					
Technology	Electronic injection, Common rail, 4 valves per cylinder, DOC			Electronic injection, Common rail, 4 valves per cylinder, DOC + SCR		
Transmission						
Type/ No. of gears	Dyna Synchroshift - 12 x 12					
Gears/ Ranges	6/2					
Shuttle	Mechanical synchronised					
Optional Shuttle	Power Shuttle (Power Control Lever & Comfort Control)					
Min Speed @ 1400rpm	1.91					
Optional creeper gears	24 x 24					
Min Speed @ 1400rpm* with creeper	0.14					
Power Take-off						
Operation and control	Independent/Electro hydraulic control					
PTO speed @ engine rpm	540 & 1000			2000		
PTO speed @ engine rpm	540 Eco			1550		
PTO shaft						
Standard	6 splines					
Optional	6 & 21 splines					
Hydraulics						
Auxiliary oil flow	litres/min 65 l/min supplying spoolvalves and linkage					
Max pressure	Bar 200					
Rear linkage						
Maximum lift capacity	kg 3,000					
Lower links	Hook ends (cat 2)					
Brakes						
Type	Electro hydraulic / Oil cooled					
Rear tyres						
Standard	420/85 R 30			420/85 R 34		
Optional	460/85 R30 - 480/70 R 34 - 540/65 R 34					
Capacities						
Fuel tank capacity	litres 105	105	105	120	120	120
AdBlue® tank capacity	litres -	-	-	-	15	15
Weight						
2WD**	kg 2900	2900	2900	-	-	-
4WD**	kg 3100	3100	3100	3870	3900	3900

- Not applicable/available  ISO TR14396

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

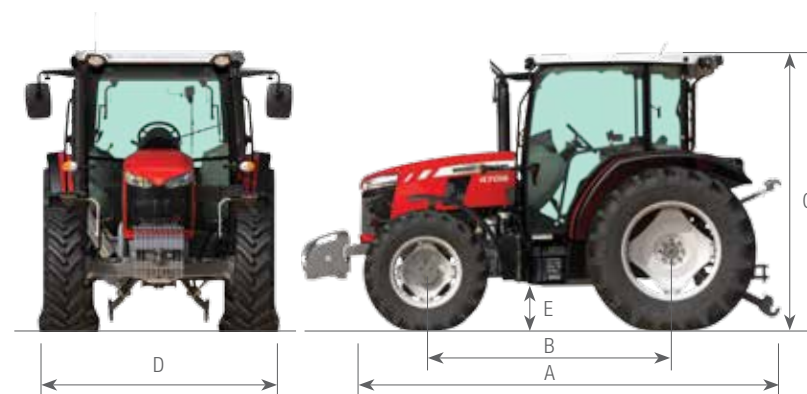
Dimensions



	MF 4708 / MF 4709
4 Wheel Drive	
A – Overall length from front weight frame to rear linkage arms - mm	4454
B – Wheelbase - mm	2250
Turning circle - radius, less brakes - m	7.70
C – Height to top of canopy	2594
D – Width (min/max) - mm	1565 to 1925
E – Maximum ground clearance - mm	460

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.

For even greater productivity a range of optional equipment is available.
For full details please consult your local Massey Ferguson dealer.



	MF 4707 MF 4708 / MF 4709
4 Wheel Drive	
A – Overall length from front weight frame to rear linkage arms - mm	4454
B – Wheelbase - mm	2250
Turning circle - radius, less brakes - m	7.70
C – Height to top of Standard roof	2550
C – Height to top of Visio roof	2550
D – Width (min / max) - mm	1565 to 1925
E – Maximum ground clearance - mm	460



MASSEY FERGUSON

A world of experience. Working with you.



Web: www.MasseyFerguson.com

Facebook: www.Facebook.com/MasseyFergusonGlobal

Twitter: [Twitter.com/MF_EAME](https://twitter.com/MF_EAME)

Instagram: [Instagram.com/MasseyFergusonGlobal](https://www.instagram.com/MasseyFergusonGlobal)

YouTube: www.YouTube.com/MasseyFergusonGlobal

Blog: Blog.MasseyFerguson.com

 **MASSEY FERGUSON**® is a worldwide brand of AGCO.
© AGCO Limited. 2015 | 15983/1115 | A-A-English/1115/5m



Responsible forest management

