



MASSEY FERGUSON

82 - 95 HP

# MF 4700



**FROM MASSEY FERGUSON**





**Page 04**  
Introduction to the MF 4708



**Page 06**  
New workhorses of the world



**Page 08**  
The muscle to tackle any task



**Page 09**  
Easy-to-operate transmissions



**Page 11**  
Easy on the operator

# Contents

- 04 Introduction to the MF 4700
- 06 New workhorses of the world
- 08 The muscle to tackle any task
- 09 Easy-to-operate transmissions
- 11 Worldwide tractors from a global brand
- 11 Easy on the operator
- 12 Power any implement
- 12 In total control
- 14 Product features
- 14 Supported by the worldwide might of AGCO and Massey Ferguson
- 15 Specifications



**Page 12**  
Power any implement



**Page 14**  
Product features



# MF 4700

Since the inception of the brand, Massey Ferguson has produced more than four million tractors in the 60-120hp (45 - 90kW) bracket. It's a power sector that once represented the largest tractors available, yet now accounts for a size of machine found in almost every farming operation around the world. From haulage in Africa, through livestock farm tasks in Europe, to rice cultivation in Asia and lifestyle block chores in North America, and a multitude of tasks and locations in between, these are the tractors the world's farmers depend on day-in, day-out. - the new Massey Ferguson Global Series.







## A NEW TRACTOR FOR A NEW WORLD

Designed from the ground up, manufactured to exacting standards. Built in the latest high-technology facilities. Performance like no other world tractor.

## The new workhorses of the world

With the new Global Series, Massey Ferguson has taken the concept of the sub-100hp (75kW) tractor and re-engineered it from the ground up to meet the needs of present and future farming. In this power bracket, no other range on the market today offers such an array of build specifications, options and accessories, all designed to help tailor your machine exactly the way you need it for your farming operation.

### **In-built reliability, integral dependability**

Massey Ferguson engineers have farming in their blood. They know exactly how crucial it is that a tractor meets the challenges that the vagaries of nature can put in the way of any farming activity. So whether it's making the most of short weather windows to complete jobs in the field, or battling through the elements to ensure livestock are looked after, these are machines that can be relied on all year round, in all weathers, in all environments. With the MF 4700 Series each component and every assembly has been designed to ensure rock-solid reliability and dependable operation.

MF 4700





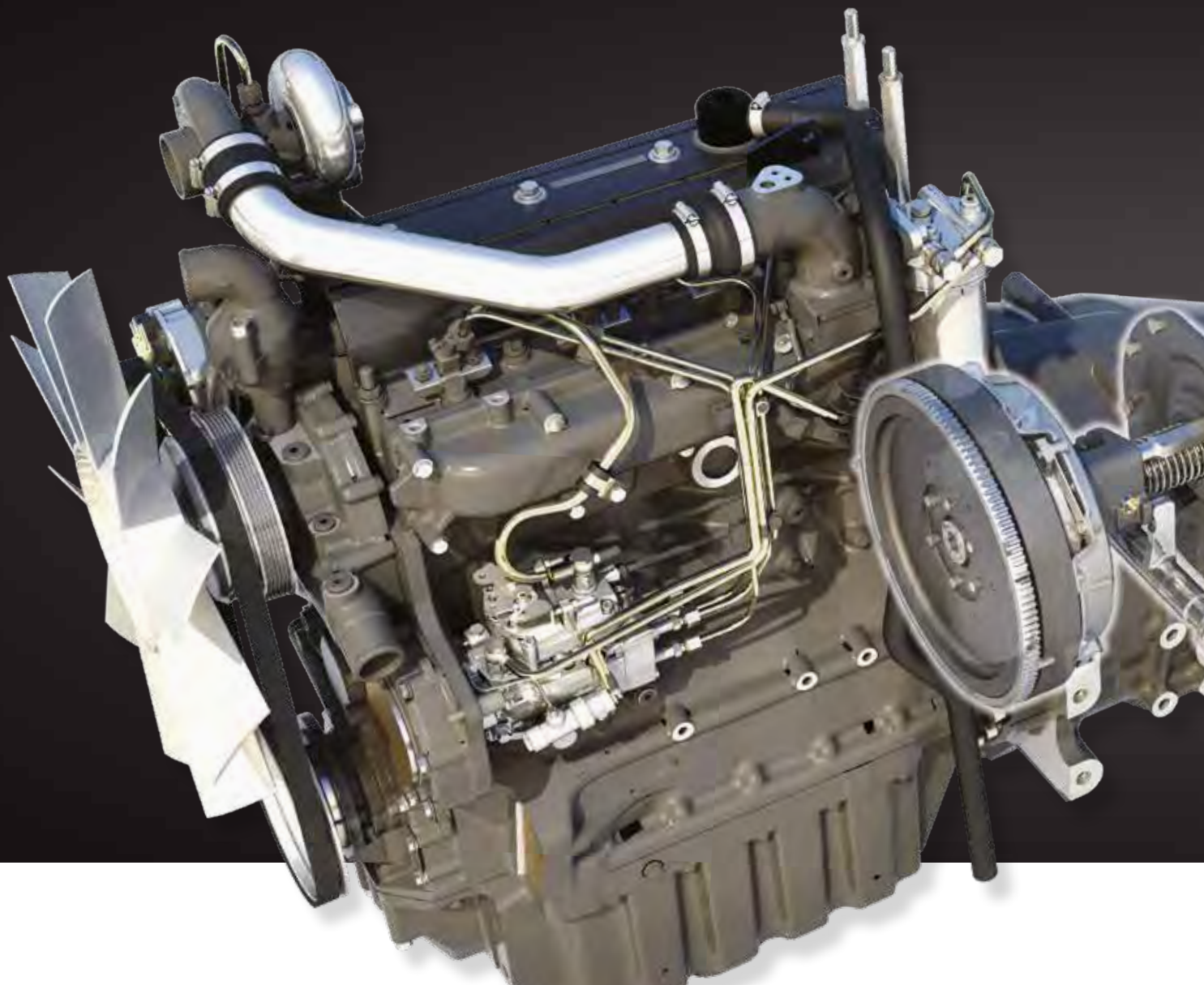


## The muscle to tackle any task

Renowned for reliability, ruggedness and fuel economy, a 4.4-litre, 4-cylinder and 3.3-litre, 3-cylinder AGCO Power engine provides the heart of the 82-95hp (61-72kW) Massey Ferguson 4700 model. The engine provides 342Nm of torque at 2,200rpm. 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.

### Efficient 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 both noise and wear and tear, resulting in lower fuel bills and a more pleasant operator experience.



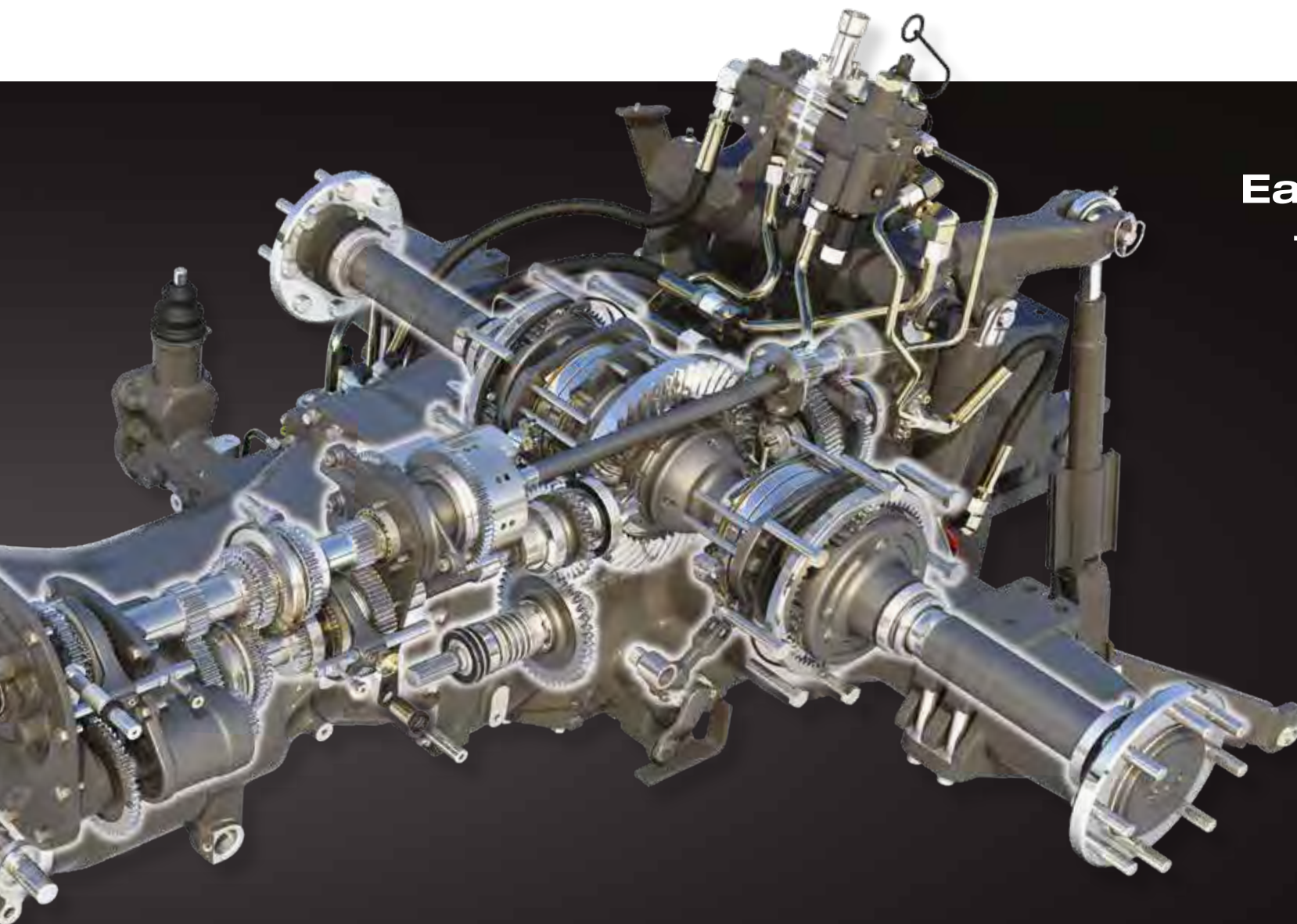


## Easy-to-operate transmissions

The Massey Ferguson 4700 Series tractors feature Synchromesh transmissions which provide a total of either eight forward & eight reverse speeds or twelve forward & twelve reverse speeds. Four gears are within the 4-12km/hr typical fieldwork range with the eight speed transmission and seven gears with the twelve speed transmission while maximum speed is 30km/hr.

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

Moving between forward and reverse at field headlands or around yards, or when hooking up implements, is made easier by a mechanical synchronised forward/reverse power shuttle to the driver's left on the eight speed transmission and on the left hand side of the instrument console for the twelve speed transmission.









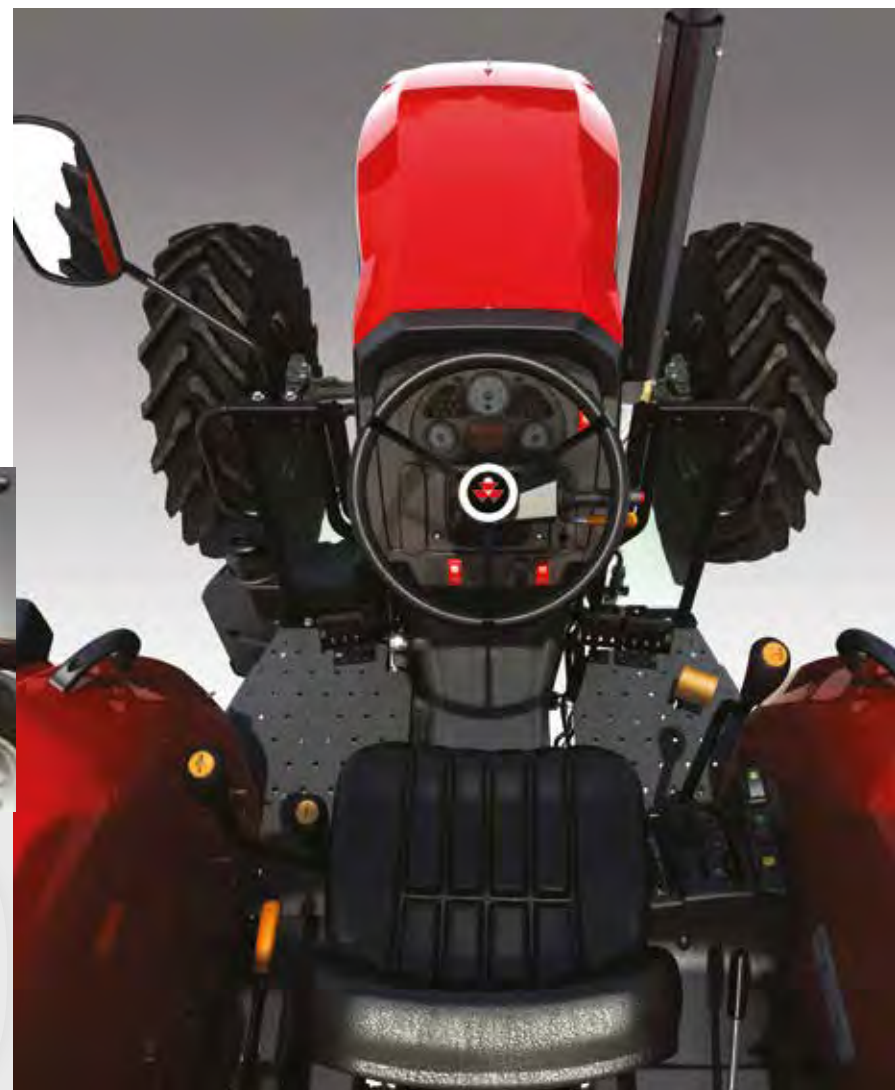
## Easy on the operator

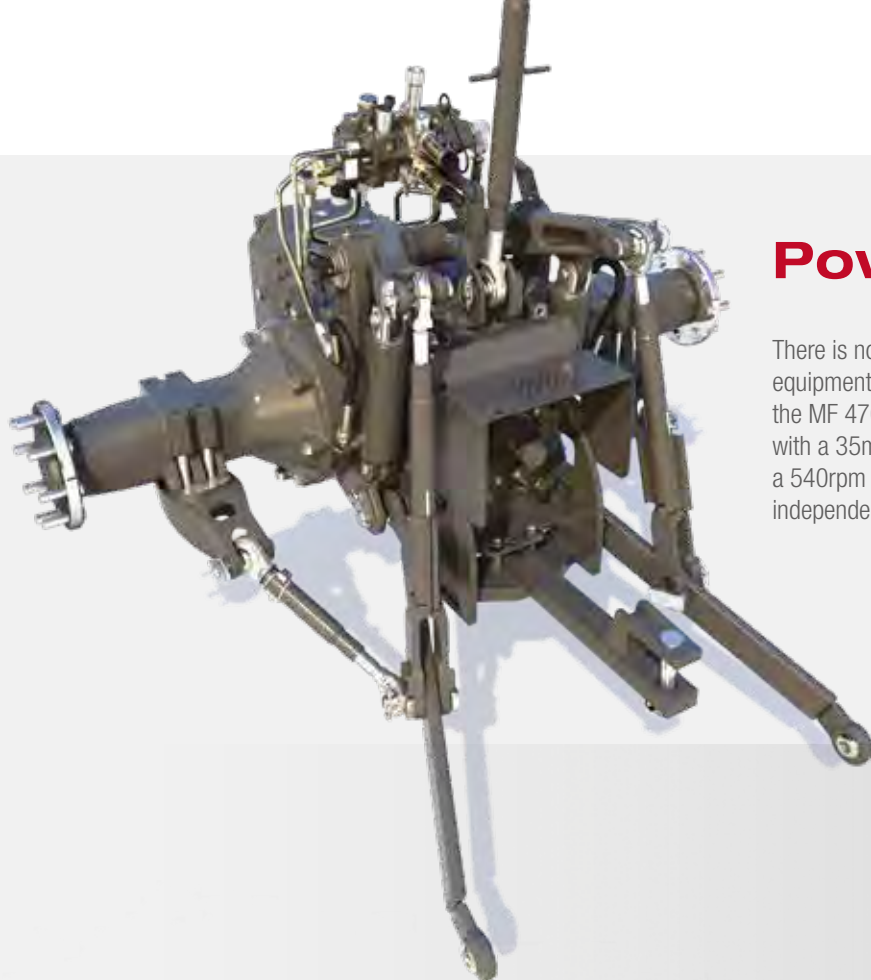
A tractor that has been designed with simplicity of operation at its heart doesn't have to have a basic operator environment. Designed from the outset with an emphasis on comfort and ease of use, the MF 4700 Series tractors make hard work a pleasure. Grab rails mounted outside the operator station provide easy access to the footsteps, mounted directly to the machine, while a low transmission tunnel helps make for 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.

The Essential version features an enclosed operator platform with pendent mounted pedals and full width rubber mat providing further comfort.



# MF 4700

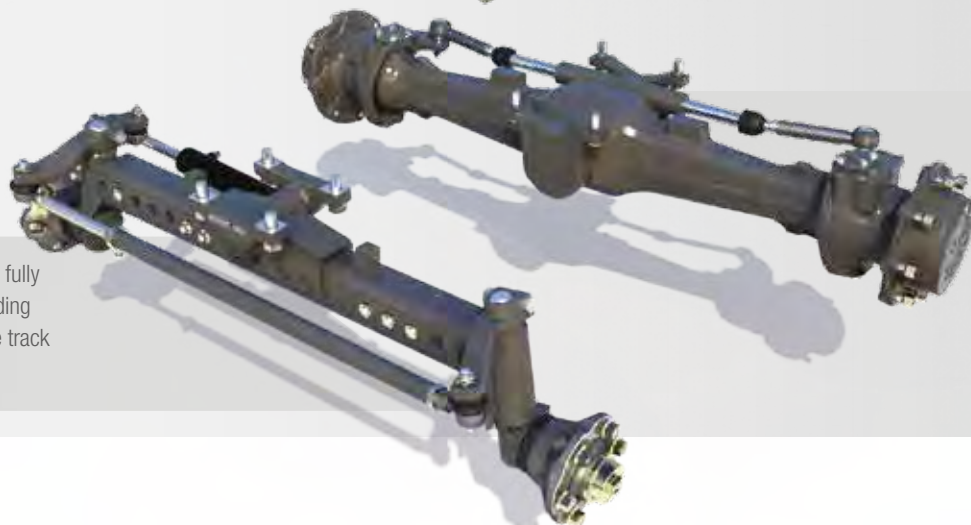




## Power any implement

There is no limit to the range of powered equipment that can be put to work behind the MF 4700 Series tractors. All are fitted with a 35mm/six-spline PTO shaft providing a 540rpm PTO speed and protected by an independent PTO clutch (IPTO).

A simple open-centre hydraulic system, powered by a gear-driven pump has a capacity of 65 l/min, allowing the electronically-controlled rear linkages of the MF 4700 Series tractors to lift 3,000kg. In addition, this oil flow is also available via the standard auxiliary spool valve to operate implement hydraulic functions.



The 2WD axle is fully adjustable providing up to 5 alternate track width settings.

Where enhanced traction is required a 4WD axle can be specified.

## In total control

The heavy duty 2WD axle provides enhanced manoeuvrability, reduced weight with 5 alternate track width settings in 102mm steps to suit crop and field conditions. Where additional performance and stability are required a 4WD front axle can be specified. All models in the range are equipped with the hydra-lock 4WD differential for maximum traction. The 4WD axle has a 55° steering angle providing high levels of manoeuvrability in all applications.

# MF 4708







# MF 4700



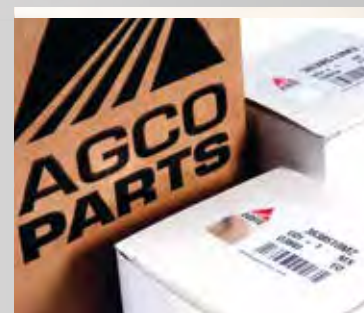
## Product features

1. AGCO Power engine, 4 valves per cylinder
2. 8 x 8 or 12 x 12 Synchronmesh transmission with synchronised shuttle
3. Semi-platform operator station
4. 2WD and 4WD front axles
5. Electro-hydraulically engaged rear differential lock and 4WD
6. Electronic Linkage Control (ELC)
7. Single Speed 540 rpm Independent PTO
8. 2 Auxiliary spool valve
9. Folding ROPS and Sun canopy
10. Gear Driven Open Centre Hydraulic System - 65 Litres/min
11. 10 x 40 kg Front Weights

### Supported by the worldwide might of AGCO and Massey Ferguson

Massey Ferguson dealers can be found in significant numbers in almost every country across the globe. They are run by trained staff who know Massey Ferguson machines inside out, and are able to provide advice, parts, service and support whenever required to keep your Global Series tractor running at its optimum.

And they are backed by the resources of AGCO, parent company of Massey Ferguson and a world leader in farm equipment. So wherever you farm in the world, you can be sure that your Massey Ferguson Global Series tractor will be supported by the best team in the business of farm equipment.



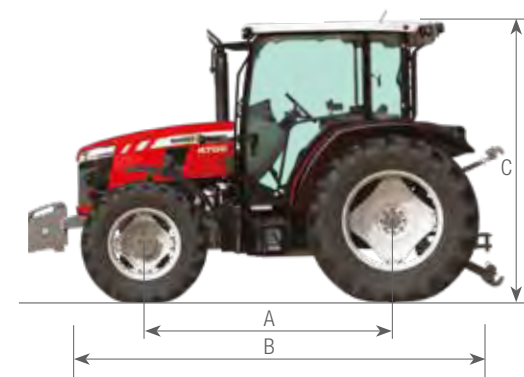


# Specifications

Version
<b>Engine Performance</b>
Engine hp (kW) power
Max torque
Rated engine speed
<b>Engine - AGCO Power</b>
Engine Speed Memory
<b>Transmission</b>
8 x 8 Side shift
12 x 12 Side shift
Super Creeper ( 200m/hour )
Shuttle
<b>Power Take-off</b>
Electro - hydraulic activation
IPTO single speed - 540 rpm
IPTO - 540 / 540E rpm
<b>Steering</b>
Hydrostatic
<b>Hydraulics</b>
3-point linkage control
Lift capacity
Oil flow
System pressure
<b>Spool valves</b>
<b>Brakes</b>
Integrated trailer brakes
<b>Standard wheels and tyres</b>
Front 2wd/4wd
Rear
4wd Engage / Disengage
<b>Weights and Dimensions</b>
Weight without ballast - Footstep
Length
Height with ROPS / Canopy
Wheelbase
<b>Capacities</b>
Fuel tank

	MF 4708 Standard	MF 4708	MF 4709	
	Platform	Platform	Cab	Platform/Cab
* ISO hp (kW)	82 (61)	82 (61)	82 (61)	95 (71)
@ 1500rpm	342	342	342	355
	2200	2200	2200	2200
Turbocharged	4,4L ( 4 Cylinders )	4,4L ( 4 Cylinders )	3,3L ( 3 Cylinders )	3,3L ( 3 Cylinders )
4 valves per cylinder	Mechanical rotary injection			Eletronic Injection
	-	-	-	Standard
4 gears per range	8 x 8	-	-	-
6 gears per range	Optional	12x12	12x12	12x12
24 x 24	Optional	Optional	Optional	Optional
	Mechanical Shuttle	Power Shuttle	Power Shuttle	Power Shuttle
	•	•	•	•
at 2000 rpm	•	•	•	•
at 1550 rpm	Optional	Optional	Optional	Optional
	•	•	•	•
	Lever operated ELC	Lever operated ELC	Lever operated ELC	Lever operated ELC
max kgf	3000	3000	3000	3000
litres/min	65	65	65	65
bar	200	200	200	200
	2 valve	2 valve	2 valve	2 valve
	Oil immersed	Oil immersed	Oil immersed	Oil immersed
	Option from Factory as well as retrofit kit from parts			
Trelleborg	7.50-16 / 340.85 R24	9.50-15 / 340.85 R24		9.50-15 / 340.85 R24
Trelleborg	460.85 R30	460.85 R30		460.85 R30
	Electro hydraulic / Automatic at 19km/h			
kg - 4WD	3430	3430	3430	3430
mm	4562	4562	4562	4525
mm - 4WD	2594	2594	2594	2594
mm	2358	2358	2358	2258
litres	82	105 ( 125 )	105 ( 125 )	105 ( 125 )

## Dimensions



	MF 4708
4 Wheel Drive	
A – Wheelbase - mm	2358
B – Overall length from front weight frame to rear linkage arms - mm	4562
C – Height to top of canopy	2725
D – Track width - mm	1565 to 1925

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.



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