



**MASSEY FERGUSON**

90-130 HP

# MF 57/6700

Massey Ferguson Global Series



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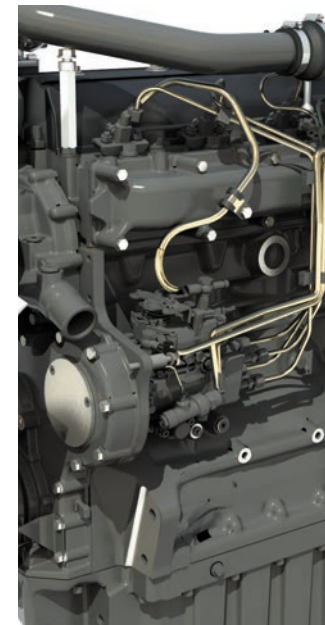
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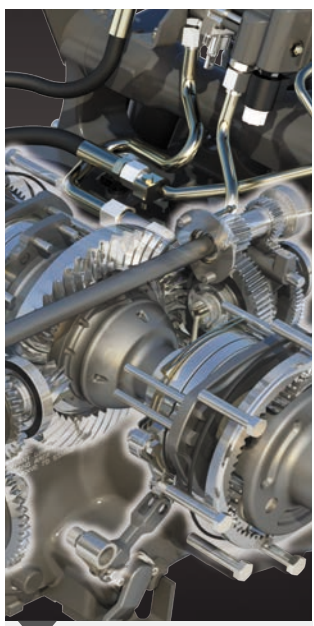
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## Global Series

Throughout its history, Massey Ferguson has produced tractors capturing the traditional spirit and passion of the brand. With a range from 90 – 130 hp, the MF 5700 and the MF 6700 Series are the high performance, yet practical and innovative solution to the farmer's needs to answer the challenges of the time. These tractors continue this tradition by offering a highly modern, heavy duty, straightforward range that provide exceptional efficiency for every type of farmer all over the world.

### A New Tractor for a New World

Massey Ferguson's resilient utility tractors have been built to service Australia and New Zealand's farming communities. Designed from the ground up, these world-class Global Series tractors can handle our rich agricultural landscape with

proficiency and ease. Manufactured to exact standards, Massey Ferguson Global Series tractors are built in the latest high-technology facilities to ensure farmers experience an unbeatable performance, every day.

# The new workhorses of the world

With the new Global Series, Massey Ferguson has taken the concept of a utility tractor and re-engineered it from the ground up to meet the needs of present and future farming. On offer in this power bracket is 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 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 Global Series each component and every assembly has been designed to ensure rock-solid reliability and dependable operation.



# Easy on the operator

The Essential Variant Global Series tractors are designed to provide optimum comfort and functionality. The ergonomic control layout and modern features provide easy operation for all tasks and help to reduce fatigue on long days.



## Essential Variant

- ▶ Semi-platform operator's station with side mounted gear selectors
- ▶ Pendant pedals
- ▶ Power Control Lever with comfort control and wet clutch
- ▶ Hydraulic brakes
- ▶ Flat platform
- ▶ Declutch button on gear lever for clutchless gear changes
- ▶ External linkage control on left side
- ▶ Tilt adjustable steering column



## Essential Variant Cabin

- ▶ Air suspension swivel seat
- ▶ Tilt and reach adjustable steering column
- ▶ Ergonomic layout with B-pillar ignition and controls
- ▶ Curved rear quarter windows for superior visibility
- ▶ External linkage control on both sides
- ▶ 360° air conditioning vents





## Engines

Global Series tractors are powered by AGCO POWER engines specifically designed for Massey Ferguson, so you can be sure that product quality, compatibility and efficiency are of a very high standard.

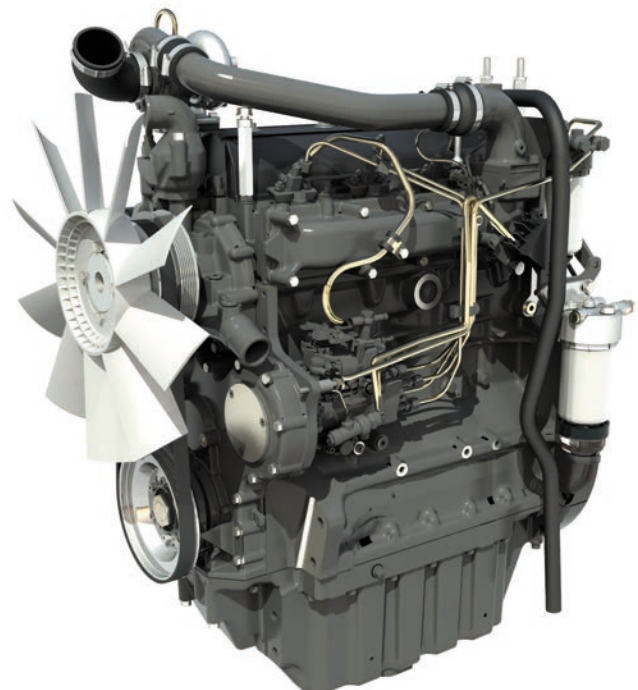
### Meagre on fuel, low on noise

The engines used in the Global 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 a low engine speed of 1,500 rpm on both models. With a low rated engine speed of only 2,200 rpm, 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.

### MF 5700 / MF 6700 Series

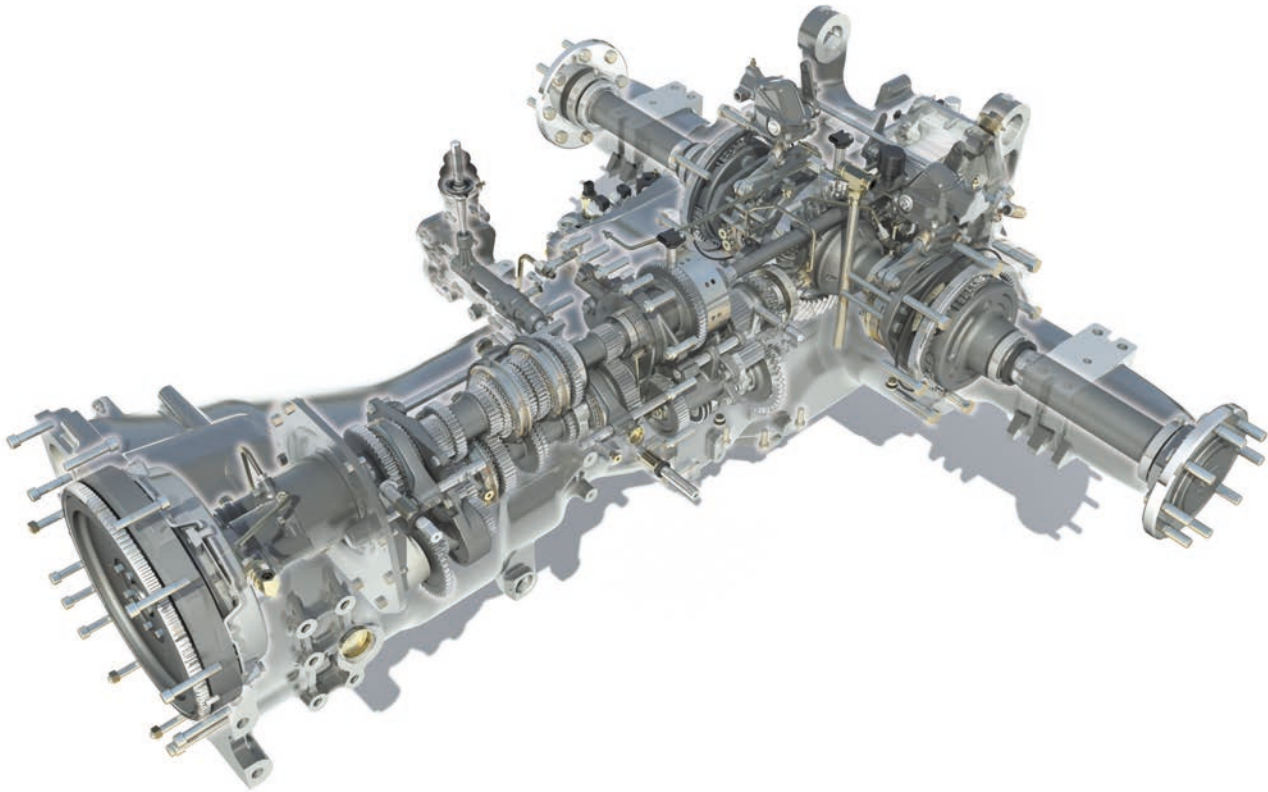
#### The muscle to tackle any task

For proven reliability, ruggedness and fuel economy, a 4.4-litre AGCO POWER four-cylinder engine is core to MF 5700 and MF 6700 Series models, providing up to 540 Nm of torque at 1,500 rpm.



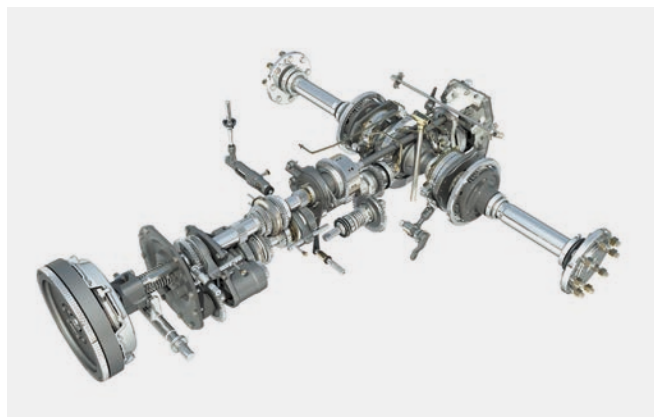
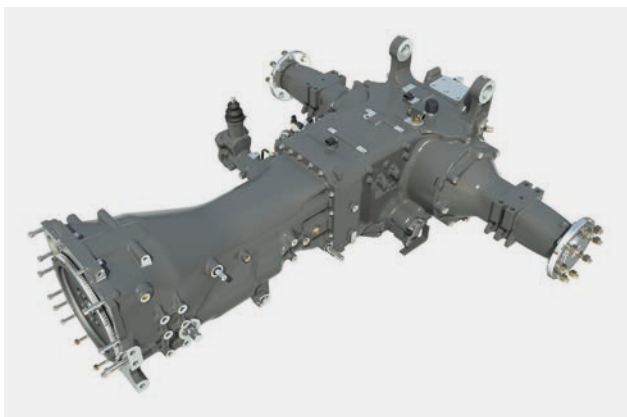
# Transmission

The Massey Ferguson Global Series tractors feature all new synchromesh transmissions. With six automotive-style synchronised gears and a synchronised low to high range change, the total of twelve forward and twelve reverse speeds provide unmatched flexibility and easy use.



## Easy gear selection for the right gear for every job

With six synchromesh gears in each range, the right speed for each job is easily selected using gear levers mounted beside the operator. These are within easy reach, yet positioned to ensure an unimpeded passage when mounting and dismounting.



# Power Shuttle

Moving between forward and reverse for loader work, field headlands or even hooking up implements, is made easier with a variety of forward/reverse shuttle options.



## Essential Variants – power shuttle

### Forward to reverse as quickly as you like

For the ultimate in forward and reverse shuttle operation, the Essential Variant is available with the Massey Ferguson Power Control Lever. Similar in design and operation to the Power Control Lever featured on Massey Ferguson products such as the MF 7700 and MF 8700, the new Power Control Lever is located to the left of the steering column and features Comfort Control to alter the aggressiveness of the direction change.

Functions include:

- Clutchless forward and reverse shifting
- Speed of direction change can be altered through the Comfort Control dial
- Declutch by lifting the handle to enable gear changes without the clutch pedal

Coupled with a multi-plate wet clutch and the 12x12 synchromesh transmission, this gives the operators a highly flexible and easy to use system designed for operations such as loader work where frequent changes of direction are required.



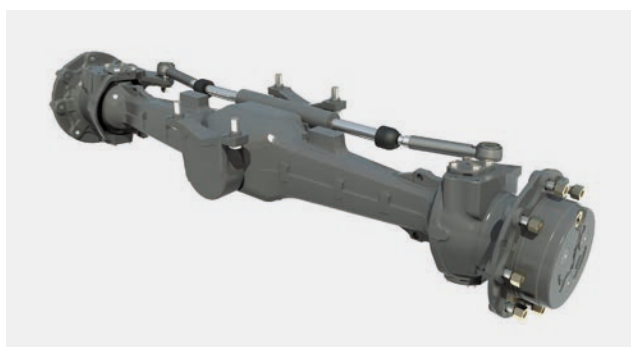
# Linkages and Axles



## Power any implement

There is no limit to the range of powered equipment that can be put to work behind the Global Series tractors. All are fitted with a 35 mm/six-spline PTO shaft providing a 540 rpm PTO speed and protected by an independent PTO clutch (IPTO). 540/540E is base on all MF 5700 Series Essential Variants, with 540/540E/1000 on MF 6700 Series.

The open centre gear pump hydraulic system produces 98l/min for the auxiliaries. This also supplies the electronic controlled rear-linkage to give a lift capacity of 4,300 kg for the MF 5700 Series and 5,200 kg for the MF 6700 Series.



## In total control

Base on all models, the 4WD front axles feature a 55° maximum steering angle, making the machines very manoeuvrable and easy to use in confined spaces. A semi-automatic electro-hydraulic differential lock on front and rear axles gives true 4WD.

# Product Features

1. 4 cylinder AGCO POWER Engine
2. 12 x 12 synchromesh transmission with power shuttle
3. Pivoting front bonnet
4. Semi Platform or Operator Station
5. 4WD front axles
6. Electro-hydraulically engaged rear differential lock and 4WD
7. Electronic Linkage Control (ELC)
8. 540/540E or 540/540E/1000 rpm Independent PTO
9. Two Auxiliary spool valves
10. Gear Driven Open Centre Hydraulic System
11. Folding ROPS with optional steel canopy or air conditioned cabin



## Supported worldwide by 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

<b>ENGINE PERFORMANCE</b>	<b>MF5709ES</b>	<b>MF5710ES</b>	<b>MF6711ES</b>	<b>MF6712ES</b>	<b>MF6713ES</b>
Engine hp (kW) power ISO	<b>92 (68)</b>	<b>102 (76)</b>	<b>112 (83)</b>	<b>122 (90)</b>	<b>132 (98)</b>
Max torque (Nm) @ 1450rpm	380	410	467	490	540
Rated Engine Speed	2200rpm				
<b>ENGINE</b>					
Engine Type	AGCO POWER AP44				
Number of Cylinders	4				
Capacity (cc)	4400				
Aspiration	Turbo Charged				
Fuel tank capacity (litres)	170				210
<b>TRANSMISSION</b>					
Number of Speeds	12 (24 with Creep)				
Shuttle Operation	Power Control Lever				
Clutch Type	Multi-Plate Wet Clutch				
Clutch Operation	Electro-hydraulic with declutch button on gear lever				
<b>POWER TAKE-OFF</b>					
PTO Speeds (standard)	540 / 540E		540 / 540E / 1000		
PTO RPM	540 @ 1920rpm / 540E @ 1560rpm / 1000 @ 1964rpm				
<b>HYDRAULICS</b>					
Pump Capacity (l/min)	57 + 41				
Auxiliary Flow (l/min)	98 (coupled)				
Auxiliary Valves	2 Standard (3rd Optional)				
Max Lifting Capacity (kg)	4300 @ Hook Ends		5200 @ Hook Ends		
Linkage Control	Advanced ELC with Draft Control				
External Control	Left only ROPS / Both Sides on Cabin				
<b>BRAKES</b>					
Type	Oil immersed wet multi-disc brakes				
<b>WHEEL EQUIPMENT</b>					
Trelleborg Radial Tyres	460/85R34 & 380/85R24		460/85R38 & 380/85R28		
<b>DIMENSIONS</b>					
Weight (kg)	3700 ROPS/ 4070 Cabin		3900 ROPS / 4230 Cabin		
Wheelbase (mm)	2430		2500		
Overall Length (mm)	4305				
Height - ROPS (mm)	2752		2802		
Height - Cabin (mm)	2715		2765		
Track Width (mm)	1297 - 1848				



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