



**MASSEY FERGUSON**

80-100 HP

# MF4600

Proven power and efficiency





# Welcome to a new level of productivity – with proven power and efficiency

If you've been looking for a nimble, manoeuvrable and responsive tractor to handle almost any task around the farm, then look no further than the MF4600 Series. Extensive research and development means these tractors have been designed to meet your needs with high quality engineering and practical features.

With an advanced 18 X 18 power shuttle transmission and an all new 3-cylinder AGCO POWER engine that provides better torque and fuel efficiency than many larger 4-cylinder diesels, the new MF4600 Series has everything it takes to help you get the job done.

Perfect for livestock farming, dairy, hay, and general farm work, these exceptional tractors feature robust hydraulics, an integrated factory installed loader joystick and a spacious, comfortable operator's area – all to focus on your individual needs.

Model	Horsepower	Transmission
<b>MF4608</b>	80	18F/18R power shuttle
<b>MF4609</b>	90	18F/18R power shuttle
<b>MF4610</b>	100	18F/18R power shuttle
<b>MF4610 CAB</b>	100	36F/36R* power shuttle

\*Optional splitter model, cabin only

# Big engine muscle from just 3-cylinders

Torque is the key to an engine's ability to work. Torque turns the gears in the transmission. Torque digs your tyres into the ground. Torque keeps your mower cutting, even in heavy grass. And the advanced design of our Tier 4i AGCO POWER 33 AWIC engine family generates torque levels that are the same or better than comparable 4-cylinder engines.

AGCO POWER has a long history of producing innovative, powerful and efficient engines. This water-cooled 3.3L 33 AWIC diesel engine, incorporates much of the proven technology we've developed in the past and has been subjected to the same rigorous attention to design and quality control.

## Four valves per cylinder

Having four valves per cylinder provides better airflow through the engine for improved engine breathing. This achieves a better fuel/air mixture for more complete combustion. The result – great power, lower emissions and improved fuel economy.

## Electronic engine control

SisuTronic EEM4 – the latest generation of electronic engine management from AGCO POWER – monitors every aspect of engine operation and adjusts fuel flow, injection timing and other functions to optimise power and save on fuel.

## Wet cylinder liners

An exclusive feature of AGCO POWER engines, the replaceable wet cylinder liners with mid supports improve engine cooling and keep service costs down.



# Power shuttle performance that saves the day

The comfort and convenience that a power shuttle transmission provides can't be overstated. The simple ability to switch between forward to reverse repeatedly, without clutching, exponentially diminishes your fatigue when expanded over a long workday on the farm. And our MF4600 Series utility tractors bring you that feature on all models.

The shuttle lever is located on the left side of the steering wheel column, within easy reach. An electronically controlled wet multi-disc clutch lets you change direction with a simple movement of the lever. No foot clutching is required.

Ideal for loader work, these tractors offer 18 forward and 18 reverse speeds. Three mechanical transmission levers are located at the front right side of the operator's seat – one controlling a 6-speed gearbox and two controlling high-low range or creeper selection. All gears are fully synchronised so you can shift smoothly while on the roll, using the foot clutch.



# Best-in-Class Hydraulics

No matter what the task or implement, the MF4600 Series has the high-performance hydraulics to handle it.

A substantial hydraulic flow gives these machines the brawn to power front end loaders and other hydraulic implements with ease.

## Open centre hydraulic system

An open centre hydraulic system with gear-type pump delivers 65 lpm of total flow to the implement hydraulics, so loader and implement cycling times are faster, increasing productivity.

## Independent Rear PTO

The independent rear PTO on every model is engaged electro-hydraulically via a simple twist-knob, and features a wet multi-disc clutch that's exceptionally durable, to ensure long service life. Two PTO speeds are standard: 540/540E RPM with standard 13/8 inch 6-spline shaft.

## Electronic rear 3-point hitch

Our electronic rear 3-point hitch features electronic positioning and draft control. The adjustable lower link arms with extendable category II hook ends have a lift capacity of 2500 kg. An optional high-lift kit increases the lift capacity to 3300 kg. A hand lever on the right hand console gives the 3-point hitch a manual feel while providing electronic precision. All it takes is a simple, intuitive motion to raise or lower the implement. Draft sensing is also standard equipment on the MF4600 Series.

## Factory-installed loader joystick

The integration of the joystick into the console keeps the design smooth and makes operation easy. And hydraulic valves at the tractor's mid-point simplify loader connection.

## Remote hydraulic valves

The MF4600 Series features two rear remote valves as standard equipment. However, there is an option of adding a third rear remote valve for powering implements and attachments. The rear valves are mechanically operated with control levers located on the right hand console.



# The Ultimate Utility Tractor



## Push, Pull and Lift – Utility Loaders

The MF900X loaders are designed to give maximum visibility, maximum performance, and maximum satisfaction for the larger utility tractor customer. Whether you are scooping up big loads, handling heavy pallets, moving large bales or scraping and levelling uneven terrain, you can be assured the MF900X Series will outperform the competition. The MF900X loader's low profile design gives it maximum visibility with curved upper arms that follow the contour of the hood. Combined with rugged and responsive hydraulics, you can rely on the MF900X loader to complete the job.

### Key Features and Benefits

- Pedestal-mount Quick Disconnect Loader with park stands for easy removal and installation
- Bucket-level indicator
- Quick Disconnect Euro Hitch
- Maximum lift capacity of 1555 kg at 800mm in front of the pivot pins on MF4609 and MF4610 models

# Hardworking Creature Comforts

Everything about the MF4600 Series operator's area just makes sense, so it makes for a more productive experience, every time you climb on board.

The platform on the open station design is set up high for great visibility in all directions and allows for a completely flat deck. The floor is rubber coated to reduce noise and vibration. A suspended vinyl seat with armrests and weather resistant controls keep you comfortable and productive. And our two-post, folding ROPS lets you easily work in tight spaces and height-restricted areas.

The large, 6-post, climate-controlled cab also sits up high for outstanding visibility and features wide opening doors with footsteps on both sides for easy in and out access plus a suspended cloth seat with arm rests, tilt steering wheel, controls right where you want them and a digital dash to monitor the tractor's operation.

The front wiper and roofline work lights, front and back, will help keep you going day or night. A rear wiper is available as standard.

The higher deck allows for a large fuel tank to keep you running longer and can easily be filled from ground level.





## Operator's Area

<b>1</b>	Fuel Fill	<b>8</b>	Folding Armrests
<b>2</b>	Power Shuttle Lever	<b>9</b>	Loader Joystick
<b>3</b>	Tilt Steering Wheel	<b>10</b>	6-Speed Gear Shift
<b>4</b>	Full platform	<b>11</b>	PTO Engagement
<b>5</b>	Diff. Lock Pedal	<b>12</b>	High-low-creeper gear levers
<b>6</b>	4WD Lever	<b>13</b>	12V Plug
<b>7</b>	Suspended Seat	<b>14</b>	Engine speed memory controls

# Specifications

			MF4608		MF4609		MF4610	
			CAB	ROPS	CAB	ROPS	CAB	ROPS
<b>Engine</b>	Output	Rated (Net) HP {kW}	80 {60}		90 {67}		100 {74}	
		PTO HP {kW}	69 {51}		76 {57}		84 {62}	
	Tier Level		Tier4					
	Number of Cylinders		3					
	Displacement (L)		3.3					
	Air cleaner		Dry, double					
	Fuel Tank (L)		115					
<b>Drive Train</b>	Clutch Type		Multiple wet disc					
	Transmission Type	Shuttle	Power shuttle					
		Main lever	6 Full synchro					
		Sub levers	High/Low/Creeper					
Gear Speeds		F18/R18			F18/R18*			
<b>PTO</b>	Clutch Type		Independent					
	Rear PTO	Speed	2					
		Revolution (min-1)	540/540E					
<b>Rear axle</b>	Diff-lock		Mech.					
	Brake system		Wet disc					
<b>Front axle</b>	Drive Type		4WD					
	Steering System		Power steering					
<b>Hydraulics</b>	Pump Capacity litre/min		65					
	Joystick		STD					
	Hydro. Outlet valve : STD (Max)		2 (3)					
<b>Three Point Linkage</b>	Lift Capacity	at link end (kg)	2500					
		at 24" behind	1500					
	Category		II					
	Lift Rod Adjustment (both sides)		Handle adj.					
<b>Exterior</b>	Seat		with arm rest					
<b>ROPS</b>	ROPS		-	SAE	-	SAE	-	SAE
	Type		-	Foldable	-	Foldable	-	Foldable
<b>Operator</b>	Cabin		SAE	-	SAE	-	SAE	-
<b>Environment</b>	Air conditioner		STD (manual)	-	STD (manual)	-	STD (manual)	-
	Work lamps (Roof)		F:2, R:2	-	F:2, R:2	-	F:2, R:2	-
<b>Dimensions</b>	Overall Length (mm)		3,875					
	Overall Width (mm)		2,000			2,050		
	Overall Height (mm)		2,550	2,660	2,600	2,710	2,600	2,710
	Wheel Base (mm)		2,250					
	Shipping Weight (kg)		2,950	2,750	3,100	2,900	3,150	2,950

\*F36/R36 model available in cabin only



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