

HP 74-101 | MF4400

Versatile, multi-purpose tractors
3 models: 74, 88 and 101 hp



VISION INNOVATION LEADERSHIP QUALITY RELIABILITY SUPPORT PRIDE COMMITMENT



MASSEY FERGUSON

Rugged simplicity for cost-effective productivity

Sometimes the right business solution is surprisingly simple. If you don't need the complexity of many modern tractors, why pay for it? The Massey Ferguson 4400 Series is a range of tough, simple tractors, designed to give years of cost-effective productivity.

Just as importantly, they are also designed to be easy to operate, easy to service and easier on your farm - or local authority budget.

Simple efficiency

From the moment you climb aboard, it's obvious that this is a tractor that means business. Relatively light and agile, yet with plenty of power and torque from the AGCO SISU POWER engines, MF 4400 Series tractors offer excellent performance and economy.

They're easy to operate too; with large, well-placed levers and switches for convenient control. No-frills instruments provide all vital information, clearly and simply and when you look ahead you'll see that the slim instrument console affords excellent visibility in front and down into the furrow.

Large rear view and internal mirrors plus narrow cab pillars and the side-mounted exhaust complete the picture of excellent all-round visibility.

Specification choice

With the MF 4400 Series, choosing the model with the power you need is just the beginning.

There's a choice of standard height or lowered roofline and the option of an opening front windscreen.

Model range (all available in 2- and 4-wheel drive)

Model	Power (ISO hp/kw) ¹	Engine	Capacity	Standard cab	Low profile cab ²	Forestry cab
MF 4435	74/54.5	3 cyl. Turbo	3.3 litre	●	○	○
MF 4445	83/64.5	4 cyl. Turbo	4.4 litre	●	○	○
MF 4455	101/74.5	4 cyl. Turbo	4.4 litre	●	○	○

¹ ISO TR14396

² Low Profile models have a lower height 'slimline' roof

● = Model available

○ = Cab model option



01 Low profile models available.

02 All models are available in 2-wheel drive.

03 Side-mounted exhaust is standard on all models.



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Powerful, high-capacity engines

For their size, MF 4400 Series tractors all have large capacity engines. Combined with the long stroke design, this gives plenty of torque at low engine speed, with up to 29% torque back-up, so even in difficult terrain or heavy soil conditions the tractors are easy to operate.

Tough and reliable

The AGCO SISU POWER engines have also been designed to give many years of trouble-free service. Engine components are highly specified to meet the demands of the high-performance turbochargers, and features such as mechanical fuel injection and wet cylinder liners with 'mid cylinder support' give durability and, ultimately, easier and less expensive maintenance or repair.

Ingenious engine installation

MF 4400 Series tractors are built around a central 'H' section frame. The engine is mounted at the front of the frame and the gearbox and transaxle are mounted at the rear. The frame also acts as the main fuel tank.

The frame design has a number of significant advantages, including:

- Excellent weight distribution and a low centre of gravity, giving improved weight transfer and hillside stability.
- The forward position of the engine also improves weight distribution and tractor balance, for improved operation with heavy rear-mounted equipment.
- Fast, ground level refuelling.

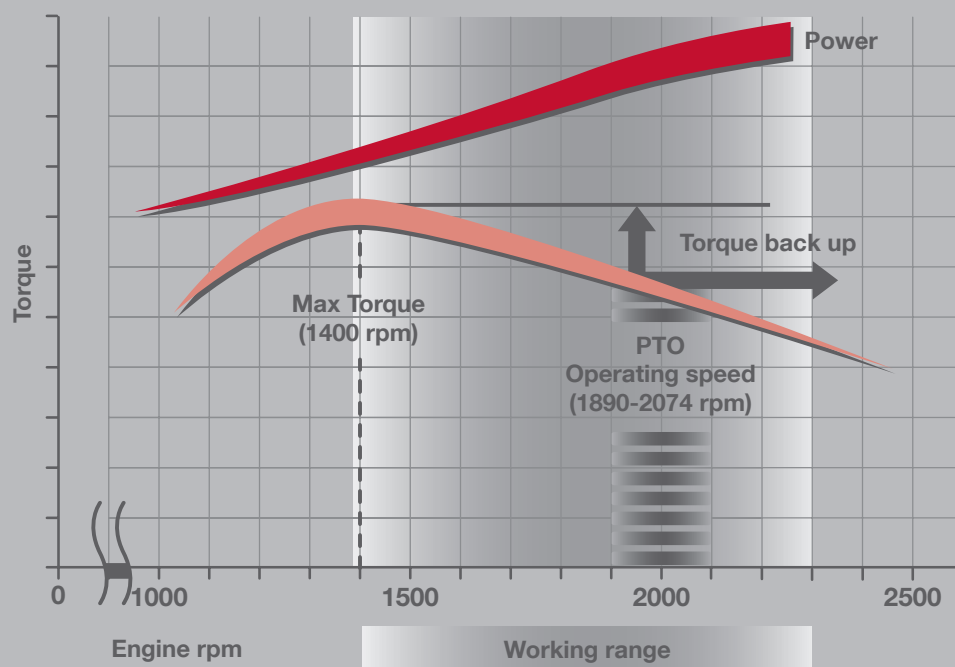


01 Excellent access for routine maintenance.

02 AGCO SISU POWER engines provide excellent power and torque.



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Simple, effective transmission and 'driveline'

The 12 forward, 12 reverse speed, fully synchromesh transmission has simple gear selection and features a mechanical shuttle and creeper speeds as standard.

Creep to transport speeds

With ground speed coverage from 0.9 to 40 km/h, there is real flexibility to achieve optimum performance and economy in the widest range of applications, from demanding field work to rapid transport. And with large, comfortable gear levers, selection of the four speeds and three ranges is positive and straightforward.

Forward/reverse shuttle

Direction change is made by a lever mounted to the left of the seat, leaving the right hand free for steering, spool valve operation or other controls.

Mechanical control is standard with power-assisted operation available as an option on 4-wheel drive cab models. Ideal in frequent front loader work, at the touch of a button on the gear, range or shuttle lever, the clutch is power-activated, so in most situations, there is no need to operate the clutch manually.

When the mechanically power-assisted shuttle is specified, a high specification digital instrument panel is also fitted, providing additional tractor performance data.

2- or 4-wheel drive

All models are available with 2- or 4-wheel drive. The heavy-duty 4-wheel drive axle provides all the familiar advantages of superior traction and stability and has excellent load capacity, giving outstanding durability - ideal for front loader fitment.



01 Main gear and range levers.

02 Large, left-hand lever for easy shuttle operation.

03 Power-assisted clutch buttons on gear and range levers.

04 12 forward and 12 reverse speeds.

05-06 2- and 4-wheel drive front axles for tight turning circles.



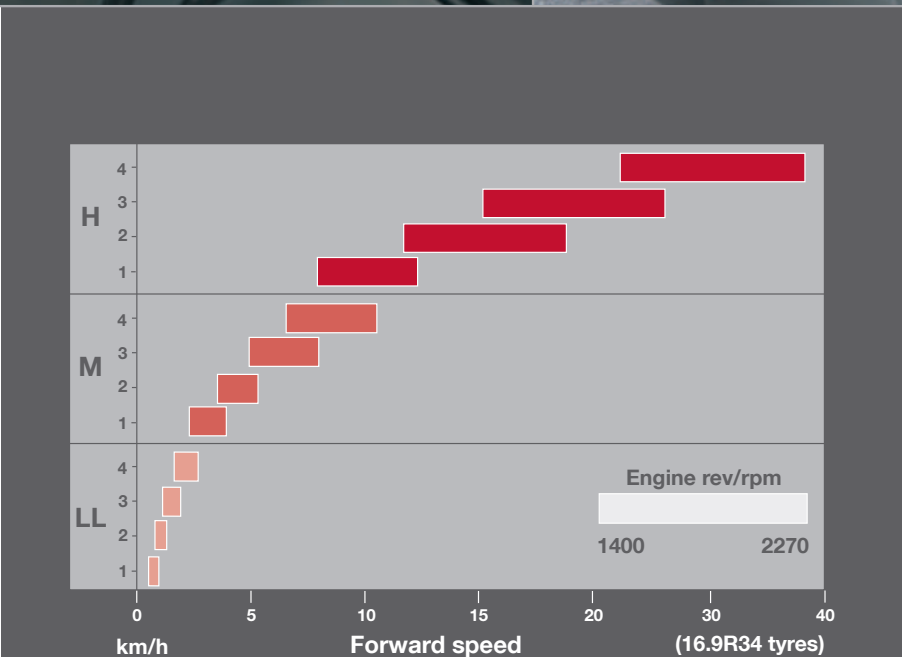
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Tough linkage, versatile hydraulics and PTO

With either 2.9 or 3.3 tonne lift capacity and up to 55 litres of oil flow at high pressure, the MF 4400 Series is more than a match for most day-to-day tasks.



Linkage and hydraulics

The rugged linkage, with its top link sensing draft control system, provides exceptional ground contour following and traction for top quality work.

Control is really simple too, with simple mechanical levers providing fast, accurate linkage adjustment.

Standard linkage and hydraulic system specification includes a pick-up hitch, heavy-duty, variable float telescopic stabilisers and two spool valves with joystick control.

Electronic Linkage Control (ELC)

For simplicity and even greater accuracy, ELC is available as an option. This also brings

additional features, including Active Transport Control, which enables faster, safer transport of linkage-mounted equipment by reducing implement bounce and pitching. Fender-mounted switches also provide convenient linkage adjustment for fast, easy implement attachment.

High-power PTO

The simple PTO drive design incorporates just a single set of transfer gears between the engine and PTO shaft. So power losses are very low, achieving maximum power at the PTO shaft. A choice of 540/540 Economy (750) rpm or 540/1000 rpm is available; both with simple, mechanically controlled clutch with a lever to the left of the instrument console.

Electro-hydraulic PTO engagement

Ideal for use in applications requiring frequent engagement and disengagement of the PTO or where the convenience of switch operation is preferred, an electro-hydraulic PTO system is available. Activated by a 'B' post-mounted switch, the system provides hydraulic operation of the existing mechanical clutch, reducing fatigue and improving productivity in PTO work.



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01 Tough, well specified linkage.

02 A wide range of hitches is available.

03 Console for optional ELC.

04 Simple mechanical linkage controls.

05 A joystick operates the spool valves.

06 Convenient PTO speed selection lever.

07 Lever to engage/disengage the mechanical PTO clutch.

08 Electro-hydraulic PTO clutch control engagement switch (optional).

09 Easily-accessible spool outlets.

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Easy to operate, with simple control layout

With easy access from both sides, the MF 4400 Series has been designed to be spacious, comfortable and easy to operate... at all times, in all conditions.

There is a choice of Standard or Low Profile cab, opening front windscreen and a range of heating and ventilation options, including air conditioning.

Two wide-opening rear hinged doors make access easy and, once inside, you'll find that all of the controls are well positioned, with large, clearly identified levers and switches performing all major functions with a high degree of mechanical simplicity.

There is a choice of mechanical or air suspension seats, both with a comprehensive range of adjustments, including armrests and swivel.

With the optional air suspension seat, at the touch of a lever, accurate adjustment to compensate for driver weight or terrain is achieved quickly, for maximum comfort and safety at all times.

A folding instructors seat is also fitted as standard equipment.

Heating and ventilation

Adjustable console-mounted vents give excellent air distribution for driver comfort, demisting and ventilation. The standard console-mounted heater can be supplemented with a roof-mounted heater and full air conditioning; both with additional roof-mounted vents.



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01 Spacious, ergonomic operator area.

02 Optional opening front screen.

03 Low profile cab option.

04 Wide-opening doors.

05 A folding instructors seat is fitted as standard.

06 Adjustable steering column.

07 Clear, comprehensive instrumentation.



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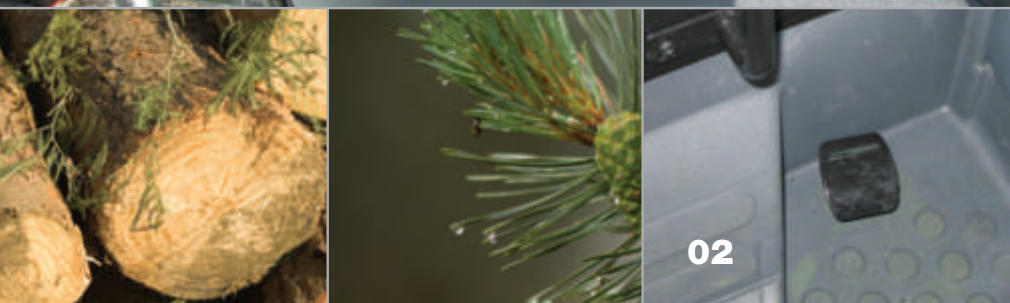
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At home in the forest

The MF 4400 has evolved. This machine can handle any situation that life may throw at it. From livestock handling to snow blowing. The MF 4400 is even at home with forestry applications so don't be afraid to venture out!



Meeting all current noise and safety legislation requirements and with Tier 3 compliant engines as standard, this simple, trustworthy machine is ready for anything with the new forestry cab.

Ergonomic interior

The seat rotates through 180° allowing the operator to work easily with rear mounted logging equipment.

The shuttle lever is relocated to the right hand side of the cab to enhance access and a foot throttle is specified at the rear of the cab to provide additional engine speed control.

Shared with the standard cab, there is also a frame around the cab roof to provide protection when working in forestry environments.

The whole operator area is spacious and uncluttered, with all controls within easy reach. The instrument console houses a comprehensive range of instruments and warning lights that are fully encased and sealed to keep out dust and moisture.

Comfort and safety

Getting in and out of the tractor is easy and safe, with hand grips and wide, self-cleaning steps leading to the spacious forestry cab. Once aboard, the driver is also protected from engine heat and noise.

The spring suspension seat provides easy adjustment, good lower back and thigh support, and has ribbed seat and backrest cushions to help provide natural ventilation.



Fast, easy routine maintenance.

Simple and cost-effective

When buying a tractor in this category, costs are a vital consideration. With the MF 4400 Series, its design simplicity helps reduce not only initial purchase costs but also on-going running costs. And with high build quality, the back-up of the world-leading AGCO parts and service organisation and ultimately high residual values, everything is in place to reduce overall 'life-time' costs.

Simple service routines

Easy servicing and minimised routine checks are key areas in reducing down-time. The simple yet strong design of the MF 4400 Series has a number of features that ensure you spend more time where it counts; in the field, working:

- Housed within, or attached to a tough 'H' section centre frame, components are under less stress, so they last longer.
- The AGCO SISU POWER engines are durable and have excellent access for routine servicing.
- The hydraulic system has an independent oil supply, utilising the hydraulic lift cover as a reservoir. So oil contamination is minimised, reducing servicing costs.
- The system also features an externally mounted gear pump and washable suction filter; again reducing costs.
- The engine oil dipstick, filler and disposable spin-on filter plus the fuel filter and sedimentor are all grouped on the 'cool' side of the engine away from the hot exhaust pipe.
- Maintenance-free battery.

Easy to live with

But even simple servicing isn't the full story. When you spend up to 16 hours a day in your tractor, the smallest irritation can become tiresome. So here is a reminder of just a few of the ways in which the MF 4400 will make your working day easier:

- The Massey Ferguson 'family styling' is modern, attractive - and practical.
- A wide choice of models and options means that there is no compromise on specification.
- The cab offers excellent visibility and comfort, with easy access via wide-opening doors on both sides.
- Powerful engines, with low power-loss transmissions, hydraulics and PTO are perfectly matched to give outstanding in-field performance and economy.

Test a Massey Ferguson 4400 Series tractor on your farm and see how its simple, effective design can make your life easier.



01 Easy access to dual, dry air cleaner.

02 Spillage-free, ground level fuel filling.

03 Wide, self-cleaning steps and conveniently placed toolbox.



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Customer Support

AGCO Customer Support... providing local service to the global brand

Massey Ferguson is a true global brand with machines operating all over the world, from revolutionary “little grey fergie” tractors to the latest high-tech tractors and combines. Have you ever wondered how we continue to provide industry-leading parts and service support to such a vast array of machines and technologies across the globe?

Behind every Massey Ferguson machine is the powerful aftersales support of AGCO's Customer Support organisation.

Our main aim is to ensure that every machine - old or new - is fully supported locally, offering every Massey Ferguson owner:

- The best service in the industry
- Low cost of ownership
- A reliable and durable machine
- Minimum machine downtime
- A high resale value

State-of-the-art warehousing and logistics from AGCO Parts

Of course, every Massey Ferguson dealer is fully backed-up by the AGCO Customer Support organisation which provides industry-leading parts supply through AGCO Parts' state-of-the-art warehousing and logistics. With outstanding service levels, overnight delivery and inventory covering all Massey Ferguson machines - even those over 10

years old - we only ever supply genuine parts, and we guarantee the right fit, first time.

The right aftersales solution whatever the age of machine

Whatever the age of Massey Ferguson machine, AGCO Customer Support has the right aftersales solution to save time & money, providing appropriate, affordable and reliable servicing and maintenance solutions in every situation.

Practical local support where you need it

AGCO places great emphasis on providing the best service to our Massey Ferguson dealers and this extends beyond the exceptional servicing and maintenance solutions and parts supply:

- Expert training and specialist equipment
- Advanced diagnostic techniques
- Information retrieval technology to communicate the very latest parts and service information
- Highly skilled technical support groups

With aftersales support from AGCO Customer Support, it's not just about supplying a filter or doing an oil change. It's about providing the best solution to our customers' needs, wrapped up with industry-leading parts and service support.

Our promise to you

Our mission at Massey Ferguson, since the company was founded, has been to design, engineer and manufacture reliable, trustworthy and innovative tractors. Tractors that people recognise the world over.

VISION

Our vision for the world of agricultural machinery has always been clear; to produce worthwhile and innovative solutions for professional farmers feeding the world. Always recognisable, the Massey Ferguson brand of products signifies technological advancement, enhanced design, strict testing and quality manufacturing which is consistently trustworthy and hardworking.

INNOVATION

We've always been one step ahead when it comes to innovation. Our founder, Harry Ferguson is proof of that.

Through continual questioning and analysis of customers' needs, our products are designed, tested and built to enhance productivity, efficiency and convenience, constantly pushing the boundaries of farm machinery.

From the simplest push of a button to technological innovations in engine and transmission efficiency, we strive to make life simpler for the operator.

LEADERSHIP

Massey Ferguson is the most widely sold tractor in the world, making us the leaders in the agricultural arena. We've won awards for our class-leading technology and advancement in design and we're already driving ahead, environmentally and economically.

QUALITY

It takes certain distinctive attributes to make a quality product. At Massey Ferguson, this distinction starts at the drawing board and doesn't stop. Every stage of manufacturing, from the building and testing process to sourcing the best components, demands excellence. Our products and services meet the most stringent standards allowing us to deliver our promises, confidently.

RELIABILITY

We don't let a Massey Ferguson machine out of our sight until we are 100% sure it will perform to the high standards you expect. Only after rigorous and painstaking testing both in simulations and in the field, will we allow our products to leave the factory. Whatever you put your tractor through, day after day, season after season, we can guarantee we've already tested those limits and gone beyond them.

SUPPORT

Agriculture can be a solitary business, that's why we make sure that you can get support whenever you need it and at crucial times of the year. Be assured of sustainability from more than 3,200 dealer outlets in over 140 countries and a comprehensive machinery distribution network, you'll be part of dedicated family of specialists who make it their business to give you genuine, top quality service support.

Equally, we won't let an opportunity slip through your fingers. If you have the commitment but not necessarily the financial resources to compete in today's market-driven climate then AGCO Finance could have the solution. Ask your local dealer for more information.

Financial options are market specific but can include leasing, hire purchase, contract hire and loan facilities.

PRIDE

Here at Massey Ferguson, pride means many things to us. It's in everything we do and it shows. It's in our proud heritage, our unique product design and our ongoing support to our customers.

COMMITMENT

We are deeply committed to delivering the highest of expectations and to build quality, reliable products with innovative features that are backed by the best support packages. Ultimately, we are committed to continuous growth and profitability for all, whilst recognising the needs of both large and small businesses through professionalism and quality.

Engine power		MF 4435	MF 4445	MF 4455
Max. hp @ 2270 rpm	* ISO hp (kW)	74 (54.5)	88 (64.5)	101 (74.5)
Max. torque @ rpm	* Nm	296/1400	324/1400	359/1400
Engine				
Water cooled, direct injection diesel	make	AGCO SISU POWER	AGCO SISU POWER	AGCO SISU POWER
Type		33DTA	44DTA	44DTA
Aspiration		Turbocharged/ Intercooled	Turbocharged/ Intercooled	Turbocharged/ Intercooled
Capacity	litre	3.3	4.4	4.4
Side exhaust		●	●	●
Dual, dry element air cleaner		●	●	●
Clutch				
Type		Dry clutch, pedal operated. 295 mm diameter. Organic lining material		
Transmission				
Type		12 forward, 12 reverse speed synchro sideshift, including ‘creep’ speeds down to 0.6 km/h at PTO speed.		
Left-hand mechanical shuttle		●	●	●
Left-hand power-assisted shuttle		○▲	○▲	○▲
Right-hand mechanical shuttle - (Forestry cab only)		●	●	●
Forward speed range	km/h	0.9–40	0.9–40	0.9–40
Power take-off				
Mechanical, hand lever operated		●	●	●
Mechanical, electro-hydraulic operation		○	○	○
PTO speed @ engine rpm				
540/1000 @ rpm	●	1890/2074	1890/2074	1890/2074
540/540E (750) @ engine rpm	○	1890/1594 (2214)	1890/1594 (2214)	1890/1594 (2214)
Linkage and hydraulics				
3-point linkage		Top link sensing, Cat.2 linkage with telescopic ball ends		
Linkage control		Mechanical, with draft, position and drop-speed control		
Max. oil flow/pressure	litre/min / bar	55/190	55/190	55/190
Lower links				
- Cat 2 fixed ball end		●	●	●
- Cat 2 quick-attach hook end		○	○	○
Variable float telescopic stabilisers		●	●	●
Maximum lift capacity @ link ends, links horizontal	kg ●	2900	3300	3300
	kg ○	3300	–	–
Auxiliary hydraulics				
Max. oil flow	litre/min	52	52	52
Spool valves	●	2 spool valves, with joystick control		
	○	1 or 2 additional valves, with hand lever control		

Specifications

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.

Steering		MF 4435	MF 4445	MF 4455
Hydrostatic, adjustable steering column		●	●	●
Brakes				
Oil-cooled, 4-plate disc brakes		●	●	●
Hydraulic actuation		●	●	●
Parking brake, hand lever operated		●	●	●
Hydraulic trailer brakes		●	●	●
'Standard' wheels and tyres (A range of wheels and tyres is available. please consult your Dealer)				
Front	2WD / 4WD	10.00-16 / 13.6R24	10.00-16 / 13.6R24	10.00-16 / 13.6R24
Rear		16.9R34	16.9R34	16.9R34
Track adjustments ('Standard wheels and tyres)				
Front - 2WD	mm	1410–1610	1410–1610	1410–1610
- 4WD	mm	1320–1815	1320–1815	1320–1815
Rear	mm	1410–2110	1410–2110	1410–2110
Standard equipment includes:				
Cab models		Flat floor cab, analogue instrument panel, vertical side exhaust, tinted glass, opening side and rear windows, cab heater, adjustable spring suspension seat, instructors seat, 2 spool valves with joystick control, 2 rear work lights, aerial and speakers.		
Variable equipment includes:				
Cab models		Forestry cab, Low Profile cab, opening front windscreen, 11 forward/11 reverse speed synchro sideshift gearbox (30 km/h), air conditioning, pneumatic seat with armrests, Electronic Linkage Control, Power assisted mechanical shuttle on standard models only, electro-hydraulic PTO engagement, rear screen wash/wipe, 2 front work lights, radio cassette player, flashing beacon, front weights, wheel weights. Additional roof mounted heater.		
Weights and dimensions (approximate, 'standard' wheels and tyres, with fuel)				
Weight - 2WD	kg	3330	3450	3450
- 4WD	kg	3560	3680	3680
Length, links horizontal - 2/4WD	m	3.96 / 4.06	3.96 / 4.06	3.96 / 4.06
Width, minimum	m	2.14	2.18	2.18
Height (Cab models)				
- over std./low profile cab	m	2.66 / 2.51	2.70 / 2.54	2.70 / 2.54
Wheelbase - 2/4WD	m	2.24 / 2.39	2.24 / 2.39	2.24 / 2.39
Capacities				
Fuel tank capacity	litre ●/○	70 / 95	70 / 95	70 / 95

● = Standard

○ = Optional

– = Not applicable/available

* = ISO TR14396

▲ = 4-wheel drive cab models only

MF 4400 highlights

Here's a quick reminder of some of the outstanding features of the MF 4400 Series tractors that further enhance their place firmly within the medium horsepower sector.

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- 01** The MF 4400 is a range of tough, simple and cost effective tractors. Easy to operate and perfect for smaller budgets.
 - 02** Robust, large capacity AGCO SISU POWER engines in MF 4400 Series tractors are highly specified to give durability and low maintenance.
 - 03** The MF 4400 features a synchromesh transmission with 12 forward and 12 reverse speeds. Creep to transport speeds give absolute flexibility, allowing you to achieve optimum performance and fuel economy.
 - 04** With either 2.9 or 3.3 tonne lift capacity, the rugged linkage on the MF 4400 can tackle any day-to-day task.
 - 05** The PTO drive design is simple, just a single set of transfer gears between the engine and the PTO shaft insure very little loss of power, achieving maximum power at the PTO shaft.
 - 06** A Spacious and comfortable cab comes as standard; the MF 4400 offers excellent levels of comfort and good all-round visibility.
 - 07** The MF 4400 Series tractors design simplicity helps reduce not only initial purchase costs but also on-going running costs. Servicing is easy and stress-free.