

MF 4400



Versatile, multi-purpose tractors

**3 models: 74, 88 and 98 hp
Cab and Platform**



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 SisuDiesel 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.

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

Model	Power (ISO) ¹	Engine	Capacity	Standard cab	Low Profile cab ²	Platform
MF 4435	75	3 Cyl. Turbo	3.3 litre	●	○	○
MF 4445	83	³ 4 Cyl. Turbo	³ 4.4 litre	●	○	○
MF 4455	90	³ 4 Cyl. Turbo	³ 4.4 litre	●	○	○

¹ ISO TR14396

● Model available

○ Cab model option

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

³ 3.3 litre, 3-cylinder engine on Platform models

Do you want the comfort of a cab, with excellent heating and ventilation, or does the 'platform' model meet your needs?

With cab models, there's a choice of standard height or lowered roofline and the option of an opening front windscreen.

Platform models can be specified with down-swept exhaust and folding ROPS, helping to protect valuable crop when working in orchards or olive groves.

Below: Platform models comply with all European safety and noise legislation

Right: Side exhaust affords excellent forward visibility





Above: On Low Profile models, the slimline roof gives a lower overall height, without compromising cab comfort



All models are available in 2-wheel drive



Side-mounted exhaust is now standard on all models

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 SisuDiesel 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.

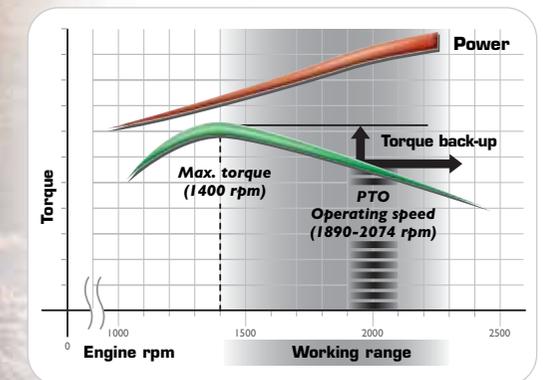
The frame design has a number of significant advantages, including:

- 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.



Quickly removed full-length side panels give excellent access for routine maintenance



The SisuDiesel engines provide excellent power and torque characteristics

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

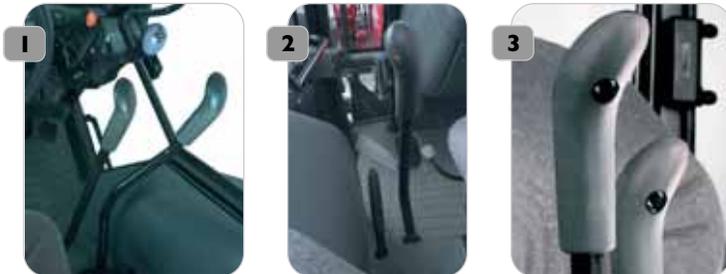
4-wheel drive cab models. Ideal in frequent front loader work, at the touch of a button on the gear or range lever, the clutch is power-activated, so in most situations, there is no need to operate the clutch manually.

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

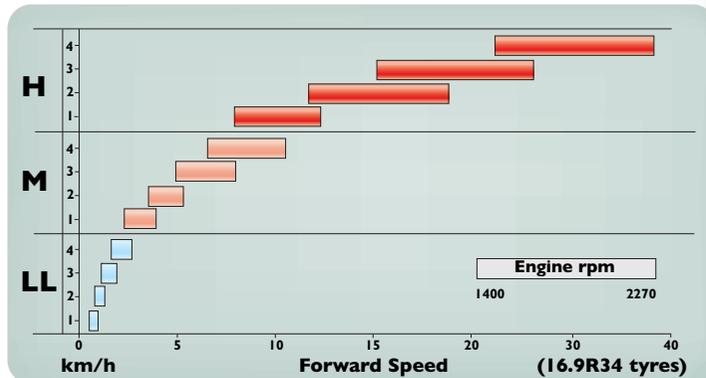
2- or 4-wheel drive

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.

Both 2- and 4-wheel drive front axles have good ground clearance and a tight turning angle for excellent manoeuvrability



1. Main gear and range levers
2. Large, left-hand lever for easy shuttle operation
3. Power shuttle buttons on gear and range levers (Optional, 4-wheel drive cab models).



Above: The 12 forward (and 12 reverse) speeds provide good speed overlap and creeper speeds down to 0.9 km/h as standard



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 swinging drawbar, 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.



Above: A wide range of hitches is available, for maximum operating flexibility

Left: Tough, well specified linkage (MF 4435 UK specification shown)



1. Simple mechanical linkage controls
2. Stylish, modern console for (optional) Electronic Linkage Control



3. A 'cross-gate' joystick operates the two standard auxiliary spool valves. Optional 3rd and 4th valves are operated by additional individual levers.



4. Easily-accessible spool outlets. Oil filler/breather, free-flow return coupling and (optional) trailer brake coupler are also shown.



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, mechanical control by 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.



Left: Convenient PTO speed selection lever



Far left: Large, well-placed lever for engagement of the mechanical PTO



Left: Electro-hydraulic PTO engagement switch (optional)



The MF 4400 Series: Agile, versatile and economical





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.

On cab models, there is a choice of Standard or Low Profile cab, centre or side exhaust, 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.



Spacious flat-floor cab features well-placed controls and fully adjustable swivel seat



Optional opening front screen provides extra fresh air ventilation

A handy folding passenger 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 or full air conditioning; both with additional roof-mounted vents.



Above: Low profile cab models give good access to low buildings



Right: Two wide-opening, rear hinged doors give excellent access to the flat-floor cab



A folding passenger seat is fitted as standard



A single lever controls adjustment of steering column height and tilt (Optional)



Clear, comprehensive instrumentation

Outstanding 'Platform' comfort

Sharing many of the design features of the cab models, all MF 4400 Series models are also available in 'platform' configuration, less cab but still maintaining a high level of comfort, safety and high productivity.

Meeting all current noise and safety legislation requirements, the MF 4400 Series platform models are now available in most European markets as well as countries more traditionally associated with non-cab tractors.



A fixed 2-post ROPS is fitted as standard, with a folding ROPS as an option for working in low buildings or overhanging crops

Full instrumentation

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 on and off the tractor is easy and safe, with hand grips and wide, self-cleaning steps leading to the spacious platform. Once aboard, the driver is also protected from engine heat and noise by large sidescreens.

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.

The spacious platform, with tough, hard-wearing materials



Fast, easy routine maintenance



Easy access to dual, dry air cleaner



Spillage-free, ground level fuel filling



Wide, self-cleaning steps give safe cab access from either side. Convenient toolbox.

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 SisuDiesel 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 (or platform) 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.
- 'Platform' models also offer a range of specifications, and benefit from virtually all of the cab-model features.

So test a Massey Ferguson 4400 Series tractor on your farm and see how simple, effective design can make your life that little bit easier.





Design, testing and manufacturing

Massey Ferguson has a long tradition of innovation and engineering excellence. Based on continual questioning and analysis of farmers' needs, our products are designed, tested and built, using the latest manufacturing techniques, to enhance your productivity, efficiency and convenience.



World's largest distribution network

With a network of more than 5000 dealer outlets in over 140 countries, Massey Ferguson can claim to have the world's most comprehensive farm machinery distribution network, dedicated to providing local service of the highest calibre.



Financial support

Massey Ferguson retail finance schemes are widely available to help fund machinery purchase. With the emphasis on flexibility, these schemes are tailored to customers' specific business needs and to take account of cash flow and seasonal business cycles. Depending on the market, financial options include leasing, hire purchase, contract hire and loan facilities.



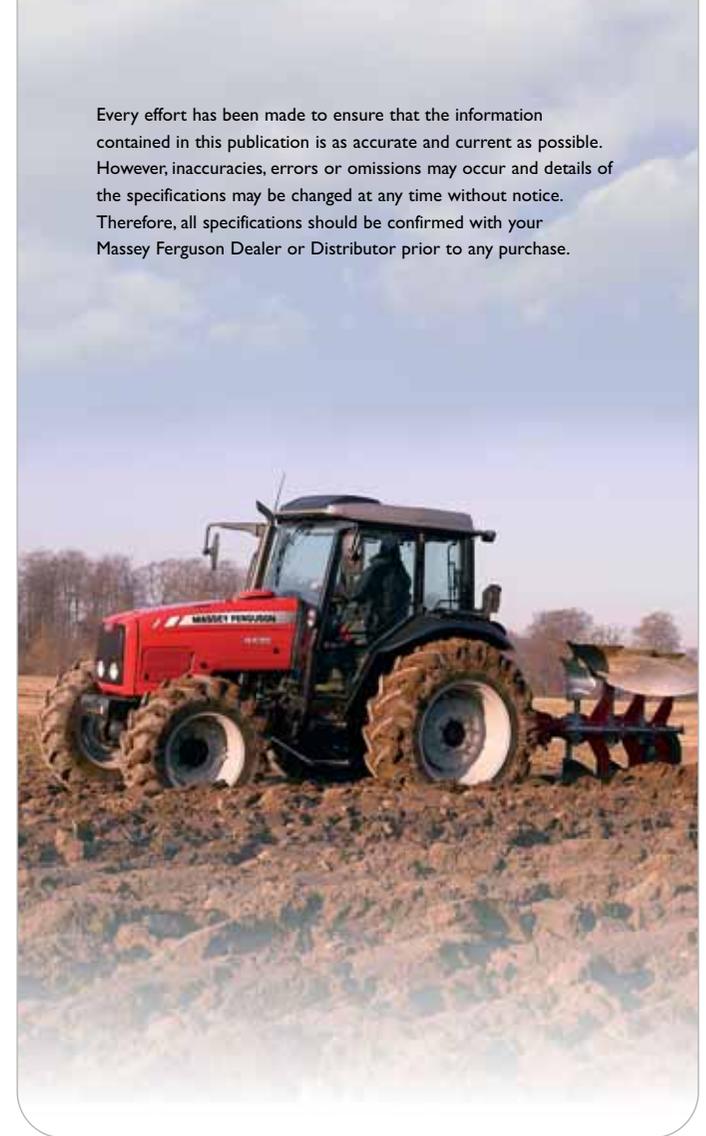
manager service contract

manager service and repair contract

Imagine a 5 year period of known running costs, operating at a level of optimum machinery uptime. Your Massey Ferguson dealer provides vital support to assist with the important task of budgeting expenditure. A **manager** service and repair contract details the hourly cost for routine maintenance and repair cover carried out on your machine by your dealer. A machine is less likely to fail if maintained by skilled Massey Ferguson technicians operating to the manufacturer's routine maintenance schedule.

There is no substitute for having a team behind you, equipped with the latest technology in diagnostic and testing equipment plus years of experience and training, which means they service your machinery with a 'preventative eye', thus minimising risk of future failure.

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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