

MF 2400



Versatile utility tractors

3 models: 66 to 82 hp



MASSEY FERGUSON

MF 2400 Series: small in size, big on performance

The Massey Ferguson 2400 Series Utility tractors have been designed to tackle the widest range of agricultural and municipal tasks - efficiently and economically.

The three-model line-up comes with a choice of standard height (ST) or low profile (ground effect or GE) variants, all with four-wheel drive. The GE models are ideal where access height is restricted, for example when working in low buildings, greenhouses or orchards. Smaller wheels and a revised rear axle also lower the GE models' centre of gravity giving excellent stability for working on hillsides.

Light and manoeuvrable

For their power and size, MF 2400 Series utility tractors are relatively light and manoeuvrable. The four-post cab design and side-mounted exhaust ensure that visibility is



really good too, so they are equally at home in groundscape and amenity maintenance applications and tackling traditional agricultural open-field work.

Fitted with grassland tyres, the MF 2400 Series is even at home on the golf course!

Power and economy, with low emissions

The latest generation Perkins 800 Series engines are highly efficient, delivering exceptional power with plenty of torque and excellent economy. Low engine noise and emissions that are below Tier-2 compliance regulations are other features of the advanced engine design.

Choice of specification

From the standard 15 forward/15 reverse speed synchro shuttle gearbox, to the optional 'creep' and 'supercreep' transmissions, there is an impressive range of gears to suit all application needs, while the large cerametallic clutch ensures great durability.



High performance hydraulics and a wide choice of PTO specifications, including ground speed and economy options, all add to the flexibility and versatility of the nimble MF 2400 Series.

What's more, the MF 2400 Series comes with total peace of mind as standard, supported by a leading network of dealers offering first class after-sales service.

The MF 2400 model line-up

Model	Engine	Capacity	ISO hp ¹	Height over cab ²
MF 2430 ST	4 Cyl. Turbo	3.3 litre	66	2.40 m
MF 2430 GE	4 Cyl. Turbo	3.3 litre	66	2.30 m
MF 2435 ST	4 Cyl. Turbo	3.3 litre	76	2.40 m
MF 2435 GE	4 Cyl. Turbo	3.3 litre	76	2.30 m
MF 2440 ST	4 Cyl. Turbo	3.3 litre	82	2.40 m
MF 2440 GE	4 Cyl. Turbo	3.3 litre	82	2.30 m

¹ ISO TR14396

² With 'standard' tyres

The compact, lightweight design of the MF 2400 Series makes it ideal for:

- Grounds care*
- Roadside management*
- Golf course and amenity maintenance*
- Seedbed preparation*
- Drilling*
- Tedding and mowing*
- Nursery work*
- Vegetable harvesting*
- Orchard work*
- Tree management*
- General transport duties*



Usable power with simple control

A wide spread of power and torque plus a choice of easy-to-use gearboxes with well-spaced ratios, contribute to the versatility and operating flexibility of the MF 2400 Series.



Left: Easy access to low-level fuel filler. Fuel tank is protected by a heavy steel plate.

Below: Tilting bonnet gives good engine access. All routine maintenance is carried out from the left-hand side of the engine.



High-performance engines

The latest-generation Perkins 800 Series engines have a host of features designed to improve performance and reduce noise and emissions. The 'cross-flow' cylinder head design improves combustion and gives lower fuel consumption and exhaust emissions. More precise fuel injection gives a further reduction in fuel consumption, plus an increase in power and torque, across a wide

operating range, giving improved economy and performance in a variety of day-to-day tasks.

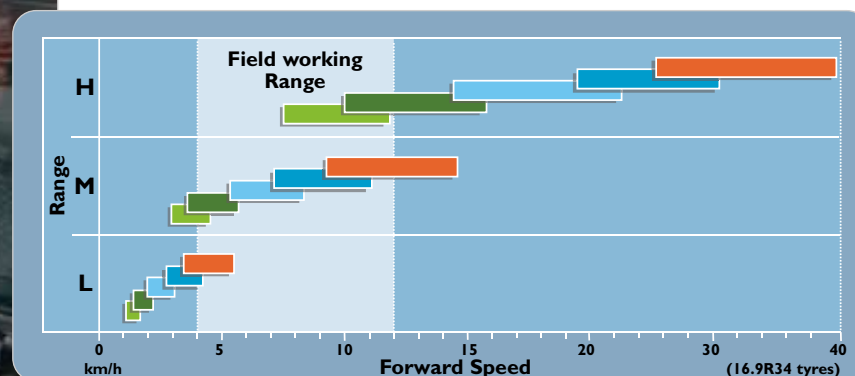
Choice of transmissions

The standard 15 forward/15 reverse speed gearbox gives an excellent spread of ground speeds to suit most common applications. The standard mechanical shuttle, with power shuttle option*, speeds loader work and other tasks that demand frequent changes in direction. With left-hand shuttle control the operator can also simultaneously operate spool valves or the hydraulic linkage controls.

A Speedshift option is also available, giving a two-speed, on-the-move, powershift change in each of the main gears.

For planting, harvesting or grounds care maintenance, creeper options can also be specified, giving speeds as low as 200 m/h at rated engine speed, with a total of 60 forward and 60 reverse speeds.

* Please check power shuttle availability with your MF Dealer



Operating flexibility

The standard gearbox has 15 forward and 15 reverse speeds with significant ground speed 'overlap'. Combined with the Perkins 800 Series engines' power and torque characteristics, this gives excellent operating flexibility.



Above: The 4-wheel drive front axle (shown here with grassland tyres) features the 'hydraulock' differential. This engages simultaneously with the rear differential lock (also hydraulock) to give 100% engagement and disengagement as required, for maximum traction and control.

Power shuttle* lever, conveniently placed for left-hand control



Simple gear selection with large, positive gear and range levers

Tough linkage, versatile PTO and hydraulics

Well-equipped rear linkage

The rear linkage has top link sensing for greater draft control accuracy and features fingertip control of Draft, Position, Intermix and float functions. Electronic linkage control is also available, for even greater accuracy and ease of operation. With a lift capacity of up to 3400 kg, there is plenty of power to handle larger equipment. Quick-attach hook-end links simplify implement attachment.

Powerful hydraulics

Up to 57 litre/min of oil flow at 180 bar, means that there is always plenty of flow and pressure to operate efficiently a wide range of external equipment. With a separate pump for the steering and transmission, the hydrostatic system is always light and positive. Two spool valves as standard and up to four available, with a variety of specifications, assure excellent implement compatibility.

Choice of PTO systems

The independent PTO system is effortlessly controlled by pushbutton. The standard two-speed system has 540 and 540 Economy speeds, enabling lighter duty implements to be operated with improved fuel economy and operator comfort. The optional 540/1000 rev/min system is ideal for more demanding implements. Proportional ground speed PTO is also available.

Plenty of PTO power

PTO speeds are achieved at or near 2000 engine rev/min, which is also maximum power. Combined with excellent torque back-up, this means there is always plenty of power to help cope with high or uneven PTO loads. Economy PTO (750 rev/min) is achieved at around 1550 engine revs, reducing fuel consumption and in-cab noise levels.



Modern design features well-placed controls, for easy, comfortable operation

Well-specified linkage for maximum operating flexibility. Hydraulic levelling of the right-hand lift arm is available as an option.



Left: Convenient control of PTO, and creeper speed functions

Far left: On GE models the revised rear axle design lowers the tractor for improved stability on hillsides



Superb comfort and control... with style

Operator comfort and safety

Designed around the operator, the MF 2400 Series cab is mounted on 'silent blocs' to minimise noise levels. Modern, well laid-out controls and the ergonomically superior driving position ensure maximum control, safety and productivity.

Comfort is assured with a high quality, fully adjustable seat as standard. Large, well-placed levers and switches and clear instrumentation all add to safety, productivity... and driving pleasure.

Exceptional visibility

Excellent visibility is facilitated by the narrow bonnet, side-mounted exhaust and the 4-post cab design. The view to the front wheels is excellent through the large lower front windows. For loader work, high forward visibility is good too as there is a glass roof panel fitted as standard.

Temperature control

The standard ventilation system has a 3-speed blower and high-capacity heater, with adjustable roof-mounted air vents to ensure rapid heating and demisting. Air conditioning is also available.

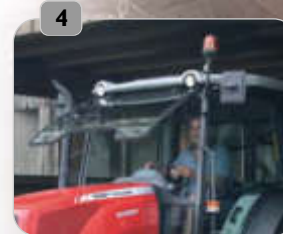
Where quality pays off

The MF 2400 is exceptionally well equipped for this class of tractor, with specifications available to meet a really wide range of operational requirements. Down-time is kept to a minimum, due to the low maintenance requirements and overall expenditure is reduced because the high build quality helps to retain residual value.

Quite simply, the MF 2400 Series is an excellent long-term investment.

Captions to pictures:

1. The cab sets new standards of comfort and visibility for this class of tractor
2. Large rotary switches and a convenient linkage lift/lower rocker switch control the optional Electronic Linkage Control system
3. Upward visibility is enhanced by the standard 'Visi-roof'
4. Fitted as standard, opening front, rear and side windows give added ventilation in really warm conditions
5. The combined analogue/digital instrumentation is clear and comprehensive. The large mechanical shuttle lever has a smooth, positive action.



MF 2400 specifications: ● = Standard ○ = Optional

		MF 2430 ST	MF 2430 GE	MF 2435 ST	MF 2435 GE	MF 2440 ST	MF 2440 GE
Engine power							
@ 2500 rev/min	* ISO hp (kW)	66 (49)	66 (49)	76 (56)	76 (56)	82 (60)	82 (60)
Max. torque @ rev/min	* Nm	210 @ 1600	210 @ 1600	235 @ 1600	235 @ 1600	253 @ 1600	253 @ 1600
* ISO TR14396							
Engine							
Water cooled, direct injection diesel	make	Perkins	Perkins	Perkins	Perkins	Perkins	Perkins
	type	800 Series	800 Series	800 Series	800 Series	800 Series	800 Series
Aspiration		Turbo	Turbo	Turbo	Turbo	Turbo	Turbo
Capacity	litre	3.3	3.3	3.3	3.3	3.3	3.3
Transmission							
15/15 (40 km/h) synchro shuttle		●	●	●	●	●	●
30/30 synchro shuttle, with creep		○	○	○	○	○	○
30/30 synchro shuttle with two-stage speedshift		○	○	○	○	○	○
60/60 synchro shuttle with two-stage speedshift plus 0.2 km/h creeper		○	○	○	○	○	○
Power Shuttle with oil-immersed wet clutch**		○	○	○	○	○	○
Linkage and hydraulics							
Mechanical linkage control		●	●	●	●	●	●
Electronic linkage control		○	○	○	○	○	○
Maximum available oil flow	litre/min	57	57	57	57	57	57
Maximum lift capacity, at link ends, links horizontal	kg ●	2100	2100	2100	2100	2100	2100
	kg ○	3400	3400	3400	3400	3400	3400
Power take-off							
Systems available		Independent and in-cab shiftable, 540/540E, 540/1000 rev/min and proportional ground speed					
Wheels and tyres							
Front		12.4R20	320/70R20	12.4R20	320/70R20	12.4R20	320/70R20
Rear		14.9R30	14.9R28	14.9R30	14.9R28	14.9R30	14.9R28
Cab and controls							
Standard equipment includes: De-luxe 'flat floor' cab, side exhaust, tinted glass, opening front and rear windows, rear windscreen wash/wipe, glass roof panel, three-speed blower with heater unit, mechanical seat, provision for radio cassette player, 2 spool valves, 2 front and 2 rear work lights.							
Variable equipment includes: Full air conditioning, pneumatic seat, passenger seat, 1 or 2 additional spool valves, right-hand hydraulic levelling.							
Weights and dimensions (approximate, less fuel)							
Weight	kg	3050	2850	3050	2850	3050	2850
Length, links horizontal	m	4.02	3.99	4.02	3.99	4.02	3.99
Width, overall	m	1.88	1.88	1.88	1.88	1.88	1.88
Height, over cab	m	2.40	2.30	2.40	2.30	2.40	2.30
Wheelbase	m	2.16	2.13	2.16	2.13	2.16	2.13
Ground clearance	mm	414	414	414	414	414	414
Fuel tank capacity	litre	90	90	90	90	90	90

** Please check availability with your Massey Ferguson Dealer



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 productivity, efficiency and convenience.



World's largest distribution network

With a network of more than 5000 dealers 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.



Industry-leading parts support

Through leading edge technology, Massey Ferguson is proud to boast a full range of genuine AGCO Parts, supporting all Massey Ferguson machine ranges, from enhancements to new products to repairs for older 'heritage' machines and all complying with strict engineering quality standards. Backed by a comprehensive warehouse ordering system, you can be sure that when you insist on the AGCO hologram you will receive commitment from the best in the industry.



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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