

MF 1500



Compact Tractors

7 models 19.5 to 46 hp

Wide specification choice for maximum versatility



MASSEY FERGUSON



Modern, versatile compact tractors

The MF 1500 range of compact tractors has been designed to offer high levels of performance and reliability for all types of 'growers' and 'maintainers'.

The seven-model line-up makes full use of Massey Ferguson's world class leading

technology and experience, with models from 19.5 to 46 hp. There's a choice of transmissions, including 12-speed mechanical, hydrostatic and now DynaQPS, with PowerShuttle and powershift changes. And with a wide selection of hydraulic and PTO options, plus agricultural or turf tyres, these compact tractors are ideal for the

needs of golf courses, nurseries, small farmers, large estates, landscaping contractors and municipal users.

Massey Ferguson has paid a great deal of care and attention in its approach to quality and ergonomics, ensuring that these machines offer maximum comfort and reliability to the customer.

You can be assured total peace of mind too, as the MF 1500 Series is supported by a dedicated network of dealers offering first class after-sales service.



MF 1540 (38.0 hp)



MF 1540 (38.0 hp) with optional factory-fit cab



MF 1533 (32.0 hp)



MF 1528 (28.0 hp)

The MF 1500 model line-up

● = Available

– Not available

Model	Power	Engine	Capacity	Transmissions		
				Mechanical	Hydrostatic	DynaQPS
MF 1519	19.5 hp	3 cyl	1123 cc	●	●	–
MF 1523	22.0 hp	3 cyl	1123 cc	●	●	–
MF 1528	28.0 hp	3 cyl	1463 cc	●	●	–
MF 1531	32.0 hp	3 cyl	1498 cc	–	●	–
MF 1533	32.0 hp	3 cyl	1498 cc	●	–	●
MF 1540	38.0 hp	3 cyl/turbo	1498 cc	●	●	●
MF 1547	46.0 hp	4 cyl	2197 cc	●	●	●

Built for driver comfort and efficiency

The MF 1500 Series has been designed with the operator in mind. A modern driver environment offers ergonomically positioned controls and a fully adjustable driving position; everything an operator needs to work safely and productively.

Operator comfort and control

The spacious operator's platform features a semi-flat floor with easy access from either side. A fully adjustable, spring suspension seat and steering column allows the operator to optimise the driving position for maximum working comfort.

All the main controls are ergonomically positioned for ease of operation and accessibility.

The instrument panel gives a complete and clear display of all information the operator

requires to use the tractor safely and efficiently. Colour coded controls and switches, plus warning lights and gauges allow easy interpretation of information and control of the tractor.

When DynaQPS is specified, an enhanced analogue/digital instrument panel is fitted, providing clear information about PTO, forward speed and range and gear selection.

The driving position, tapering bonnet and horizontal exhaust combine to allow excellent visibility, and all models are fitted with road lighting to enable safe, after-dark completion of urgent jobs.

Left: Excellent access to spacious factory-fit cab, available as an option on MF 1533, MF 1540 and MF 1547 models.

Below: After-market, Dealer-fitted cabs are available for all other models in the range.

The engine is started and stopped using an ignition key. The power assisted steering, fitted as standard across the range, makes manoeuvring effortless.

MF 1500 Series compact tractors deliver the performance features you want, plus superior levels of comfort and convenience.



Above: Comfortable, weatherproof seat (footstep models). Below: The high specification seat is standard on factory-fit cab models.





Cab or platform; whichever you choose, driver environment is spacious and comfortable

Designed for performance

Reliable and economical

The MF 1500 range is powered by 3-cylinder diesel engines (except for the MF 1547 which is a 4-cylinder model). These are fuel-efficient engines with torque characteristics that have been specifically designed to provide optimum productivity and easy day-to-day operation.

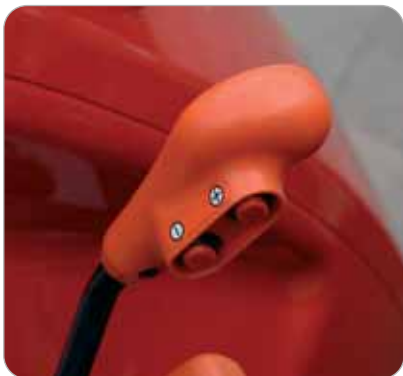
The tractors are fitted with a one-piece lift-up bonnet and removable side panels, giving easy access for servicing and maintenance.

All the models are equipped with selectable 4-wheel drive for better traction and manoeuvrability, giving optimum performance.

Choice of transmission

Most MF 1500 Series models are available as mechanical or hydrostatic transmission versions. The MF 1533, MF 1540 and MF 1547 can also be specified with the new DynaQPS PowerShift gearbox.

Powershift switches, mounted in left-hand range gear lever (DynaQPS)



12-speed mechanical transmission

Ease-of-operation and reliability comes from a dry clutch. Gear and range selection is controlled with a simple-to-operate clutch pedal and two levers.

The MF 1533, MF 1540 and the MF 1547 tractors are fitted with a 12 forward and 12 reverse speed mechanical gearbox offering synchronized gear changes for more effective operation, with speeds from 0.37 km/h to 30 km/h. A synchronised shuttle also allows quick and efficient changes in direction. Reverse speeds are approximately 95% of the equivalent forward speed.

DynaQPS™ powershift

New DynaQPS provides a 4-speed powershift change in each of three ranges, so you can cope easily with varying gradients or load conditions. Simply press the buttons situated

Left-hand PowerShuttle (DynaQPS)



in the range change lever for smooth, on-the-move ratio changes.

There is also conveniently positioned left-hand lever giving easy control of the PowerShuttle.

Hydrostatic transmission

When ease-of-operation and durability are key priorities then the two- or three-range hydrostatic transmission is a great choice. This transmission is ideal for applications that require frequent forward/reverse direction changes and precise ground speed control.

Standard cruise control is perfect for mowing large areas, providing a smooth and efficient ride.

Grouped hydraulic controls



MF 1519 (19.5 hp)

MF 1531 (32.0 hp)



Forward/reverse hydro pedals (MF 1540)





Compact tractors with reliable performance

The MF 1500 series delivers superior strength and long-term durability with the same rugged construction as larger models in the Massey Ferguson range. Specifically designed for reliable and versatile performance, their compact size ensures great manoeuvrability with smooth precision.

Traction-boosting 4-wheel drive provides extra grip and safe handling and features heavy-duty cast iron housings with oil-immersed bevel gears for quiet, smooth operation and long life.

The modern engines are powerful and economical

The uncluttered, spacious operator platform features clear instrumentation with ergonomically placed controls for ease of use.

The MF 1500 Series has been developed to provide plenty of power and torque from engines designed for the toughest work schedules. From 19.5 to 46 hp ISO, these fuel-efficient diesel engines ensure optimum productivity and economy.

With a choice of fully synchronized, mechanical or hydrostatic transmissions, a three-speed range box provides the operator with a simple arrangement with a greater spread of working gears.

The MF 1500 Series offers up to 43.8 litre/min hydraulic flow and pressure, enabling compatibility with, and optimum performance from, a wide range of implements and accessories.

These tractors can be fitted with either agricultural or turf tyres, with rear and mid power take-off, depending on the model. Mechanical drive models also have the option of a creeper gearbox.



MF 1519 (19.5 hp)



The 4-wheel drive axles maintain tight turning circles and excellent ground clearance

MF 1540 (38.0 hp)



Well specified, for maximum versatility

Fully equipped 3-point linkage

A high capacity, category one three-point linkage is standard equipment for the MF 1500 range.

With a lift capacity of up to 1580 kg there is plenty of power to handle a wide range of applications.

Versatile hydraulics

A high performance hydraulic system with up to 43.8 litre/min of oil flow provides the flow and pressure required to operate a wide range of external implements efficiently.

Mid and Rear PTO power

To make full use of such a wide range of accessories, the MF 1500 Series are all

equipped with either a mechanical or an independent rear power take off (PTO).

A mid-mounted PTO is optional on all mechanical and DynaQPS transmission models and is standard on Hydrosatic models.

The rear PTO is easy to use and provides 540 or 540/1000 rpm speeds. The mid PTO option offers up to 2000 rpm of power suitable for a high quality finish from mowing decks.

Soft start

The Soft Start function enables a gentle take-up of the rear PTO for high inertia loads or a faster take-up for standard loads. This helps to protect both tractor and implement from expensive, time-consuming damage.



Below and right: Well-specified linkage and PTO systems ensure maximum performance from mounted and trailed equipment

Top left: Mid-mounted PTO (optional)

Top right: 'Soft start' and PTO engagement buttons



Meeting your requirements

MF 1500 Series compact tractors are designed with the overall engineering excellence and build quality that ensures easy serviceability, low maintenance costs and high residual values.

Whilst offering a high level of standard equipment, all models come with a choice of optional equipment to enhance the specification and meet the many and varied needs of the specialist operator.

Please consult your Dealer for details of the full range of optional equipment, including

agricultural and turf tyres, front and rear weights, and a selection of drawbars and hitches.

Excellent engine access typifies ease of routine servicing

MF 1523 (22.0 hp)



Loader requirement? No problem with the MF 1500 Series



Turf tyres



A range of spool valves is available



Agricultural tyres



Front weight frame and tow hitch



MF 1500 specifications: ● = Standard ○ = Optional – = Not applicable/available

		MF 1519	MF 1523	MF 1528	MF 1531	MF 1533	MF 1540	MF 1547
Engine								
Power @ rpm	hp (kW)	19.5 (14.3) @ 2500	22 (16.1) @ 2600	28 (20.6) @ 2500	32 (23.5) @ 2600	32 (23.5) @ 2600	38 (28.0) @ 2600	46.0 (33.8) @ 2600
Model		E3112	E3112	E3CF	E3CD	E3CD-VB39	E3CD-VTB09	E4CG
Cylinders/Capacity	No./cc	3/1123	3/1123	3/1463	3/1498	3/1498	3 (Turbo)/1498	4/2197
Fuel tank capacity	litre	25	25	30	30	40	40	50
Transmission								
Mechanical:								
Synchro shuttle		●	●	●	–	●	●	●
Main range		–	–	–	–	12 For/12 Rev	12 For/12 Rev	12 For/12 Rev
Sub range		3 For/1 Rev	3 For/1 Rev	3 For/1 Rev	–	4 For/4 Rev	4 For/4 Rev	4 For/4 Rev
		2	2	3	–	3	3	3
DynaQPS:								
PowerShuttle		–	–	–	–	○	○	○
Main range		–	–	–	–	12 For/12 Rev	12 For/12 Rev	12 For/12 Rev
Sub range		–	–	–	–	4 speed Powershift	4 speed Powershift	4 speed Powershift
		–	–	–	–	3	3	3
Hydrostatic:								
Main range		○	○	○	●	–	○	○
Sub range		HST	HST	HST	HST	–	HST	HST
Auto-Throttle		2	2	3	3	–	3	3
Auto-Cruise		HST	HST	HST	HST	–	HST	HST
		–	–	HST	HST	–	HST	HST
4-wheel drive								
Power take-off								
Engagement		Sliding gear	Sliding gear	Sliding gear	Independent	Independent	Independent	Independent
Rear PTO Speeds		540 rpm	540 rpm	540 rpm	540/1000 rpm	540/1000 rpm	540/1000 rpm	540/1000 rpm
Mid PTO speeds		○	○	2000 rpm	2000 rpm	○	○	○
Wheels and tyres								
'Standard' agricultural tyres - Front		5.00-12	5.00-12	6.00-14	6.00-14	7.00-16	8.00-16	9.50-16
- Rear		8-18	9.5-16	12.4-16	12.4-16	12.4-24	13.6-24	13.6-28
OR								
'Standard' turf tyres - Front		20.5x8.0-10	20.5x8.0-12	24.0x8.5-12	24.0x8.5-12	212x80D15	212x80D15	29x12.0-15
- Rear		29x12.0-15	315x75D15	315x80D16	315x80D16	355x80D20	355x80D20	475x65D20
Rear axle								
Differential lock, pedal-operated, RHS		●	●	●	●	●	●	●
Brakes, internal, wet disc		●	●	●	●	●	●	●
3-point linkage, Cat 1		●	●	●	●	●	●	●
Lift capacity	kg	540	540	1100	1100	1270	1270	1580
Pump capacity	litre/min	19.8	20.7	37.8	39.4	34.4	34.4	43.8
Spool valves		○	○	2	2	2	2	2
ROPS, folding		●	●	●	●	●	●	●
Weights and dimensions (based on mechanical transmission)								
Weight	kg	660	675	1010	985	1335	1375	1650
Overall length/height/width	mm	2680/2315/1070	2680/2320/1070	2920/2395/1225	2920/2350/1340	3150/2570/1410	3150/2600/1450	3450/2670/1560
Wheelbase	mm	1520	1520	1665	1665	1770	1770	1900
Min. ground clearance	mm	235	240	275	200	345	370	350
Other								
Factory-fit cab option		–	–	–	–	DynaQPS™	DynaQPS™/HST	DynaQPS™/HST
Cab temperature control		–	–	–	–	Heat. & ventilation	Heat. & ventilation	Heat. & air conditioning
Tilting bonnet, Power stg, road lighting		●	●	●	●	●	●	●



Design, testing and manufacturing

Massey Ferguson has a long tradition of innovation and engineering excellence. Based on continual questioning and analysis of customers' 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 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.



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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