

HP
28-46

MF1500

Agricultural Tractors
For a host of applications



VISION INNOVATION LEADERSHIP QUALITY RELIABILITY SUPPORT PRIDE COMMITMENT



MASSEY FERGUSON

Modern, versatile agricultural tractors

MF 1500 Series agricultural tractors have been designed to provide high levels of performance and reliability to smaller farming and horticultural businesses.

More than capable of handling a wide range of applications with ease – from ploughing to seeding, from loading to transport – they are built to the same exacting standards as Massey Ferguson's larger tractors and are at home on farms, smallholdings, vineyards and orchards throughout Europe.

The four-model line-up features many examples of the good design and attention to detail that have maintained Massey Ferguson's position as the world's leading tractor manufacturer. Four models from 28hp to 46hp all rely on easy-to-use mechanical transmissions. A range of 4-wheel drive models with PTO options, make these tractors the ideal choice for smaller farming operations and many other rural enterprises.

MF 1500 tractors are designed and built to perform many tasks around the farm that larger

Massey Ferguson models take in their stride on bigger holdings. The brand's unrivalled agricultural heritage is clear to see in these versatile, rugged machines.

Operating with smooth efficiency in awkward corners, low buildings and areas with restricted access, the MF 1500 Series is equally at home in the field with implements and on the road in transport mode.

Massey Ferguson has invested a great deal of care and attention in ensuring that these machines are designed and built to the very highest quality standards, offering the customer maximum efficiency, reliability and comfort.

Total peace of mind is also assured, as the MF 1500 Series is supported by a dedicated dealer network providing an unrivalled after-sales service.



01



02



03



04



05



06

The MF 1500 model line-up

Model	Power	Engine	Capacity	Transmission (Mechanical)	Lift capacity
MF 1529	28.0 hp	3 cyl	1498 cc	9x3	1100Kg
MF 1532	32.0 hp	3 cyl	1498 cc	9x3	1100Kg
MF 1540	38.0 hp	3 cyl/ turbo	1498 cc	12x12	1270Kg
MF 1547	46.0 hp	4 cyl	2197 cc	12x12	1580Kg

01 Tight turns. Not a problem

02 Pulling power

03 Hydraulic capacity for any application

04 PTO performance keeps you on top of the work

05 Good visibility equals good work

06 A great help, even indoors!

Built for driver comfort and efficiency

Designed with the operator in mind, the MF 1500 Series offers a modern driving environment with ergonomically-positioned controls and a fully adjustable driving position – in fact, everything the operator needs for safe, productive working.

Operator comfort and control

The spacious operator's platform features a semi-flat floor with easy access from both sides. A fully adjustable spring suspension seat allows the operator to set the perfect driving position for maximum comfort behind the wheel.

All main controls are positioned for ease of use and accessibility, while the instrument panel provides a complete and clear display of all the information the driver needs to operate the tractor safely and efficiently. Colour-coded controls and switches, together with warning lights and gauges are easily viewed and interpreted, allowing complete control of both machine and task in hand.

Power assisted steering – standard on all models – makes for effortless manoeuvring.



Efficient power, smoothly delivered

Reliable, economical engines

MF 1500 models are powered by fuel-efficient, 3 and 4 cylinder engines. Their torque characteristics have been specifically designed to achieve optimum productivity and simple operation.

Ease of access for servicing and maintenance is assured, thanks to the one-piece lift-up bonnet and removable side panels.

All four tractors in the range are equipped with selectable 4-wheel drive for improved traction and manoeuvrability.

MF 1529 and MF 1532 9Fx3R mechanical transmission

An exceptionally easy transmission to use. The '9x3' features two levers with sequential shift patterns. Conveniently located for left hand use, the levers are moved in straight lines in order to select the required gear. One lever controls the range, high-intermediate-low, while the second lever allows you to select reverse by pulling backwards from neutral; or 1, 2 or 3 by pushing forwards from neutral. All changes require use of the clutch which is light and easy-to-use.

MF 1540 and MF 1547 12Fx12R mechanical shuttle transmission

Reliability goes hand-in-hand with smooth operation, with gear and range selection controlled by a simple clutch pedal and two levers. Synchronized gear changes make for more effective operation at speeds between 0.37km/h and 30km/h, with a synchronized shuttle ensuring quick and efficient forward/reverse manoeuvres. Reverse speeds are approximately 95 per cent of the corresponding forward speed.



All you could want from an agricultural tractor

The MF 1500 Series has a range of key features that make it a genuine agricultural tractor:

Not only...

- Choice of 28 hp, 32 hp, 38 hp or 46 hp fuel-efficient engines
- 9F/3R and 12F/12R mechanical transmission
- Independent 540/1000 revs/min rear PTO (MF 1540 & MF 1547)
- Cat 1 three-point linkage with position and draft control
- Hydraulic flow of up to 43.8 litres/min
- 1100kg/1270kg/1580kg lift capacities
- Selectable 4-wheel drive
- Rear differential lock
- Oil-immersed disc brakes

...but also

- Mid-mounted, forward-folding ROPS – the low folding position enhances access and minimises crop damage
- Draft control and top link sensing – for accurate control of plough or implement depth
- Single spool valve – for trailer tipping and operation of external hydraulic cylinders
- Soft Start function with Independent PTO for gentle take-up of high inertia loads

MF 1500 Series. Meeting your requirements – exactly!

If one of the four MF 1500 Series 'Agricultural' tractors does not quite have what you need then ask about our range of MF 1500 Series 'Grounds Care' tractors. These cover the 19-46 hp range and continue the design excellence and build quality that Massey Ferguson is known for around the world.



01



02



03



04



05



06

01 Great visibility

02 Factory fitted cabin, quiet and comfortable

03 A front loader adds versatility

04 Wide choice of speeds to match the application

05 Good ground clearance, portal axles

06 Pull, lift, control anything!

07

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 pain staking 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 400 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.

MF 1500 Series Agricultural tractors

Engine		MF 1529	MF 1532	MF 1540	MF 1547
Power @ rpm	hp (kW)	28 (20.6) @ 2500	32 (23.5) @ 2600	38 (28.0) @ 2600	46.0 (33.8) @ 2600
Model		E3CD	E3CD-VB39	E3CD-VTB09	E4CG
Cylinders/Capacity	No./cc	3/1498	3/1498	3 (Turbo)/1498	4 2197
Fuel tank capacity	litre	35	35	40	50

Transmission

Mechanical:		●	●	–	–
Main range		3 For/1 Rev	3 For/1 Rev	–	–
Sub range		3	3	–	–
Synchro shuttle:		–	–	●	●
Main range		–	–	4	4
Sub range		–	–	3	3
Shuttle		–	–	●	●
Creeper		–	–	–	–
DynaQPS:		–	–	–	–
Main range		–	–	–	–
Sub range		–	–	–	–
PowerShuttle		–	–	–	–
Hydrostatic:		–	–	–	–
Main range		–	–	–	–
Sub range		–	–	–	–
Auto-Throttle/Auto Cruise		–	–	–	–
4-wheel drive		●	●	●	●

Power take-off

Engagement		Sliding gear	Sliding gear	Independent	Independent
Rear PTO Speeds		540/1000 rpm	540/1000 rpm	540/1000 rpm	540/1000 rpm
Mid PTO speeds		○	○	○	○

Wheels and tyres

‘Standard’ agricultural tyres	Front	6.00-14	6.00-14	8.00-16	9.50-16
	Rear	12.4-16	12.4-16	13.6-24	13.6-28
‘Standard’ turf tyres	Front	–	–	–	–
	Rear	–	–	–	–
Rear axle					
Differential Lock - RH Pedal		●	●	●	●
Differential Lock - LH Pedal		–	–	–	–
Differential Lock - RH Lever		–	–	–	–
Brakes, internal, wet disc		●	●	●	●
3-point linkage, Cat 1		●	●	●	●
Lift capacity	kg	1100	1100	1270	1580
Pump capacity	litre/min	30.8	32.1	34.4	43.8
Spool valves		1	1	1	1
ROPS, MID folding		●	●	●	●

Weights and dimensions (based on mechanical transmission)

Weight	kg	1160	1170	1375	1650
Overall length/height/width	mm	3150/2420/1180	3150/2420/1180	3150/2600/1450	3450/2670/1560
Wheelbase	mm	1695	1695	1770	1900
Min. ground clearance	mm	–	–	370	350

Other

Factory-fit cab option		–	–	–	–
Dealer fit cab		○	○	–	–
Cab temperature control		–	–	–	–
Pivoting bonnet, Power stg, road lighting		●	●	●	●

● = Standard

○ = Optional

– = Not applicable/available

Additional MF 1500 Series available. See Grounds Care Brochure

Engine		MF 1519	MF 1523	MF 1529	MF 1531	MF 1532	MF 1540	MF 1547
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	E3CD	E3CD	E3CD-VB39	E3CD-VTB09	E4CG
Cylinders/Capacity	No./cc	3/1123	3/1123	3/1498	3/1498	3/1498	3 (Turbo) /1498	4 2197
Fuel tank capacity	litre	25	25	35	30	35	40	50
Transmission								
Mechanical:		●	–	–	–	–	–	–
Main range		3 For/1 Rev	–	–	–	–	–	–
Sub range		2	–	–	–	–	–	–
Synchro shuttle:		–	–	●	–	●	–	–
Main range		–	–	4	–	4	–	–
Sub range		–	–	2	–	2	–	–
Shuttle		–	–	●	–	●	–	–
Creep		–	–	○	–	○	–	–
DynaQPS:		–	–	–	–	–	○	○
Main range		–	–	–	–	–	4 Speed Powershift	4 Speed Powershift
Sub range		–	–	–	–	–	3	3
PowerShuttle		–	–	–	–	–	●	●
Hydrostatic:		–	●	–	●	–	○	○
Main range		–	HST	–	HST	–	HST	HST
Sub range		–	2	–	3	–	3	3
Auto-Throttle/ Auto Cruise		–	●	–	●	–	●	●
4-wheel drive		●	●	●	●	●	●	●
Power take-off								
Engagement		Sliding gear	Independent	Independent	Independent	Independent	Independent	Independent
Rear PTO Speeds	rpm	540	540	540/1000	540/1000	540/1000	540/1000	540/1000
Mid PTO speeds	rpm	○	2000	○	2000	○	2000 (HST)	○
Wheels and tyres								
‘Standard’ agricultural tyres	Front	5.00-12	5.00-12	6.00-14	6.00-14	6.00-14	8.00-16	9.50-16
	Rear	8.0-18	9.5-16	12.4-16	12.4-16	12.4-16	13.6-24	13.6-28
‘Standard’ turf tyres	Front	20.5x8.0-10	20.5x8.0-12	24.0x8.5-12	24.0x8.5-12	24.0x8.5-12	212x80D15	29x12.0-15
	Rear	29x12.0-15	315x75D15	315x80D16	315x80D16	315x80D16	355x80D20	475x65D20
Rear axle								
Differential Lock - RH Pedal		●	–	●	–	●	●	●
Differential Lock - LH Pedal		–	–	–	–	–	● (HST)	–
Differential Lock - RH Lever		–	●	–	●	–	–	–
Brakes, internal, wet disc		●	●	●	●	●	●	●
3-point linkage, Cat 1		●	●	●	●	●	●	●
Lift capacity	kg	540	540	1100	1100	1100	1270	1580
Pump capacity	litre/min	19.8	20.7	32.1	39.4	32.1	34.4	43.8
Spool valves		○	○	2	2	2	2	2
ROPS, REAR folding		●	●	●	●	●	●	●
Weights and dimensions (based on mechanical transmission)								
Weight	kg	660	675	1170	985	1170	1375	1650
Overall length/height/ width	mm	2680/2315/ 1070	2680/2320/ 1070	3150/2420/ 1180	2920/2350/ 1340	3150/2420/ 1180	3150/2600/ 1450	3450/2670/ 1560
Wheelbase	mm	1520	1520	1695	1665	1695	1770	1900
Min. ground clearance	mm	235	240	275	200	275	370	350
Other								
Factory-fit cab option		–	–	–	–	–	DynaQPS™/ HST	DynaQPST™/ HST
Dealer fit cab		○	○	○	○	○	–	–
Cab temperature control		–	–	–	–	–	Heat & ventilation	Heat/ ventilation/ Air conditioning
Pivoting bonnet, Power stg, road lighting		●	●	●	●	●	●	●

MF 1500 highlights

Here's a quick reminder of some of the advanced features of the MF 1500 Series tractors that further enhance their place firmly within the Agricultural tractor sector.

01 Powerful, fuel-efficient engines – choice of 28 hp, 32 hp, 38 hp or 46 hp, with 9F/3R and 12F/12R mechanical transmissions

02 Draft control and top link sensing for accurate control of plough or implement depth

03 Selectable 4-wheel drive with rear differential lock

04 Independent rear PTO (MF 1540 and MF 1547) with additional mid-mounted PTO option

05 Mid-mounted, forward-folding ROPS – low folded position enhances access and minimises crop damage

06 Low running costs, ease of maintenance and high residual values



MASSEY FERGUSON is a worldwide brand of AGCO Corporation.
© AGCO Limited, 2008 | A-English/1008/5m | 14401/1008/40m



MASSEY FERGUSON