

HP 140-180 | MF7100

Leading the way to growth and profitability
4 models: 140 to 180 hp Cab and Platform



VISION INNOVATION LEADERSHIP QUALITY RELIABILITY SUPPORT PRIDE COMMITMENT



MASSEY FERGUSON

Evolutionary machinery

Massey Ferguson mid-horsepower tractors have evolved. The MF 7100 Series tractor has been created from industry leading design, technology and a true understanding of what the modern tractor operator requires.

Ranging from 140 to 180 hp, the MF 7100 Series is a fusion between legendary Massey Ferguson design and modern, highly advanced features that make this range of tractors so highly desirable.

Working precisely and efficiently in various crops such as grain and sugar cane, the MF 7100 Series can cope with a wide variety of applications and field sizes whilst keeping costs low and operator comfort at a maximum.

In recognition of the growing demand among mixed farmers for more machine power, less time in the field and lower fuel costs, Massey Ferguson is proud to introduce this high performance, economical tractor range.

The MF 7100 range

Model	Engine	Capacity	ISO hp ¹	kW
MF 7140	6 cyl. turbo AGCO SISU POWER	6.6 litre	140	103
MF 7150	6 cyl. turbo AGCO SISU POWER	6.6 litre	150	111
MF 7170	6 cyl. turbo AGCO SISU POWER	6.6 litre	170	125
MF 7180	6 cyl. turbo AGCO SISU POWER	6.6 litre	180	132

¹ ISO TR14396 @ 2200 rev/min



Maximum specification features that keep you working

Suitable for a wide range of applications; on the farm or during haulage, ground clearance or forestry operations. All the models in the MF 7100 Series range offer high productivity and increased profitability to keep you and your business working efficiently.

Demand more from an engine

To cope with the constant demands of heavy work schedules, the MF 7100 has a powerful 6-cylinder, AGCO SISU POWER engine. These turbocharged engines offer optimum power and torque backup with the added advantage of exceptional fuel economy.

Constant power output reaches between 2000-2200 rev/min, matching PTO speed so that maximum power is available for all PTO and haulage type work.

No-nonsense transmissions

Quick response comes from the synchromesh transmission with 12 forward and 5 reverse speeds; allowing the operator to choose the correct gear for the application with ease and speed. You can maximise output easily by choosing the correct gear; all levers are ergonomically placed to the right of the operator, providing smooth and accurate gear shifting with 7 speeds between 4-12 kph where most field applications take place.

Traction where you need it

Extra-strength front and rear axles have been introduced on all MF 7100 Series tractors so power loss is kept to a minimum. The rear axles are built to withstand high loads due to heavy-duty, extra-large epicyclic reduction units. These reduction units convert engine power into traction at the wheels allowing the operator to work in many arduous conditions. Unsurpassed traction comes as standard on all MF 7100 Series tractors thanks to 4WD and a differential locking system that does not lose power.

Legendary linkage

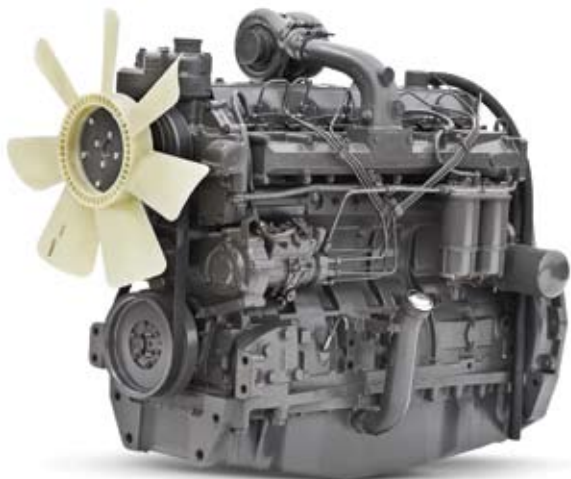
Our industry leading three-point linkage is world-renowned for its simplicity and strength. We constantly monitor its performance and as a result aim to provide the most productive and responsive tractors in the field. The electronic linkage system offers longer lift arms, fast lift and has an outstanding 5,500 kg lift capacity. The system provides draft and position control plus Intermix and quick soil engagement.

New high flow load sensed hydraulic system

In order to respond efficiently to the demands of modern implements and heavy applications, the MF 7100 Series has a total oil flow of up to 138 litres per minute from the spool valves; responding superbly with a high flow rate. The load sensed auxiliary control valve allows simultaneous actuation of more than one control, offering constant and adjustable flow rate for added implement flexibility.

The load sensed auxiliary control valve reduces the effort of arduous tasks, increases accuracy, reduces power consumption and ultimately reduces fuel consumption.

Spool valves 1 and 3 have dual functionality and can be adjusted to act as a conventional double acting spool valve or adapted for use specifically as a hydraulic motor valve, enabling continuous, one-way flow. Ideal for planting applications!



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01 Powerful, six-cylinder AGCO SISU Power engines.

02 Quick response synchromesh transmissions.

03 Heavy-duty front axles.

04 NEW high flow load sensing hydraulic system.

05 Simple, strong three-point linkage.

05

Comfortable, accessible, uncomplicated...

Just some of the many benefits that make the MF 7100 Series tractor the first choice for farmers and contractors who are looking for minimum down time and maximum output during their working day.



To increase output and productivity, you need to know that you can get the maximum benefit from a long working day. The MF 7100 Series cab has been designed to give the best comfort and support to the operator.

All controls are ergonomically placed; making the tractor even easier to operate. The modern design of the cab with its flat-floor and high-visibility, gives excellent access and plenty of room for the operator.

For enhanced comfort, cab versions come with full air conditioning, a real advantage when working in hot temperatures. The fully mounted platform version

enjoys the same comfort as the cab model. Including a flat, spacious floor giving easy access to the operator, superb all-round visibility, standard two-post ROPS frame with sun canopy and integral heat shields to deflect engine heat away from the driver.

Like the cab version, the improved ergonomics of all controls and levers means that the operator benefits directly from the easy-to-use and safe layout.

Key design features for easy maintenance and simple servicing

The updated bonnet styling on all models is built for practicality and robustness. Rear hinged,

the lockable bonnet raises fully, giving completely clear access to the engine, radiator, high capacity exhaust aspirated air cleaners and cooling package.

The radiators have a greater surface area for improved cooling and slide out for easy cleaning.

01 The new MF 7180, stylish, robust, powerful.

02 Spacious cab interior.

03 Easy access to operator area on platform models.

04 NEW rear-hinged bonnet design.

05 Easy access to the engine, radiator and filters.

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Multi-million dollar investment

The most up-to-date manufacturing facilities coupled with a highly-skilled workforce ensure that every MF machine is produced to the highest quality and ready for years of hard work.

MF tractors have been built at the Canoas manufacturing facility in Brazil for over 40 years. Today, the plant is the largest tractor factory in Latin America responsible for 70% of Brazil's tractor exports and over half the country's total tractor output. You can be assured of the finest quality tractors built with pride and passion.



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.

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.

Engine Performance		MF 7140	MF 7150	MF 7170	MF 7180
Rated hp @ 2200 rev/min	⚙ ISO hp (kW)	140 (103)	150 (111)	170 (125)	180 (132)
Max. torque @ 1400 rev/min	⚙ Nm	540	600	680	720
Power take-off					
Engine speed @ 540/1000	rev/min	2143/2160	2143/2160	2143/2160	2143/2160
Type		Two speed IPTO			
Engine					
Diesel, direct injection		AGCO SISU POWER			
Type	litre/no. cylinders	620 DS Turbo 6.6/6			
Transmission					
Type	12 forward and 5 reverse, synchromesh				
Gears (4-12 km/h)		7	7	7	7
Linkage and Hydraulics					
Linkage control		Electronic control of draft, position, Intermix, height/depth, rate of drop, ‘quick soil engagement’ and Active Transport Control.			
High Flow Load Sensing		●	●	●	●
Max. oil flow at pressure	litre/bar	88/195	138/200	138/200	138/200
Lower links		Cat 2 ball ends			
Maximum lift capacity, at link ends,	kg ●	4700	4700	4700	4700
	kg ○	-	5500	5500	5500
Spool valves		3	4	4	4
Steering					
Type- Standard	Hydrostatic, tilt/telescopic steering column				
Brakes					
Oil-cooled, multi-plate discs, hydraulic actuation					
Operator area					
Cab		ISO mounted, Deluxe seat, air conditioning, front and rear mounted worklights, seven pin trailer connector.			
Platform		ISO mounted, Deluxe seat, safety frame and sun canopy.			
‘Standard wheels and tyres’					
Front		16.9-28	16.9-28	16.9-28	16.9-28
Rear		20.8-38	20.8-38	20.8-38	20.8-38
Weights and dimensions (approximate with ‘standard’ wheels and tyres and ballast, less fuel)					
Weight - Cab/Platform	Kg	7700/7480	8250/8030	9350/9130	9940/9720
Dimensions					
Overall length†	m	5070	5070	5070	5070
Maximum height	m	3140	3140	3140	3140
Wheelbase	m	3070	3070	3070	3070
Capacity					
Fuel tank	litre	420	420	420	420

- = Standard - = Not applicable/available
- = Optional ⊕ = ISO TR14396
- † = Measured to front of weight

MF 7100 highlights

Here's a reminder of some of the advanced features of the MF 7100 Series tractor. You'll see the benefits of ownership straight away.

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- 01** Powerful, trustworthy, six cylinder engines from AGCO SISU POWER.
 - 02** Choose from fully air conditioned, comfortable and quiet cab or spacious, easy access platform models with ROPS and sun canopy as standard.
 - 03** The 12x5 synchromesh transmission gives smooth, accurate gear changing for maximum output.
 - 04** Seven speeds available ranging from 7-12 kph, perfect for all 'in-field' work.
 - 05** New pivoting bonnet provides better access for regular maintenance of the air filter and radiators.
 - 06** New high flow load sensed hydraulic system with a total oil flow of up to 138 litres per minute from the spool valves.
 - 07** Dual function spool valves and adjustable flow control give extra flexibility during various applications; reducing fuel consumption whilst maintaining power between machine and implement.
 - 08** MF 7100 Series has a dynamic, robust new look. The chassis structure allows for tighter turning circles and is built to deal with large, heavy implements.

