

**MF 600**



**World proven performance**

2 models: 150 to 165 hp



**MASSEY FERGUSON**

# The MF 600 – all the performance you need

The Massey Ferguson 600 Series of four-wheel drive tractors provides heavy-duty solutions to heavy-duty tasks. Capable of performing a wide range of agricultural and haulage applications, the MF 600 will work hard for you all day, every day.

Whether for primary ground clearance, forestry operations or deep cultivation, the MF 660 or MF 680 is the perfect machine for your business. Both models are available in cab versions with excellent positioning of controls, all-round visibility and exceptional comfort for the operator - resulting in higher productivity and increased profitability.

Backed by Massey Ferguson's unrivalled after-sales, maintenance and parts service – anywhere in the world.

## Uncompromising power

At the heart of the MF 600 Series are powerful turbocharged engines. With six cylinders and 6.0 litres capacity, they deliver between 150 ISO hp and 165 ISO hp. Translating that output into performance is a heavy-duty 12-speed synchromesh transmission, while the rugged, durable chassis and exceptionally strong rear axles mean heavy loads can be lifted or hauled with ease. The world-proven electronic three-point linkage gives a massive lift capacity of up to 5500 kg.

A willing and reliable workhorse to cope with the most demanding work schedules.

## Max torque!

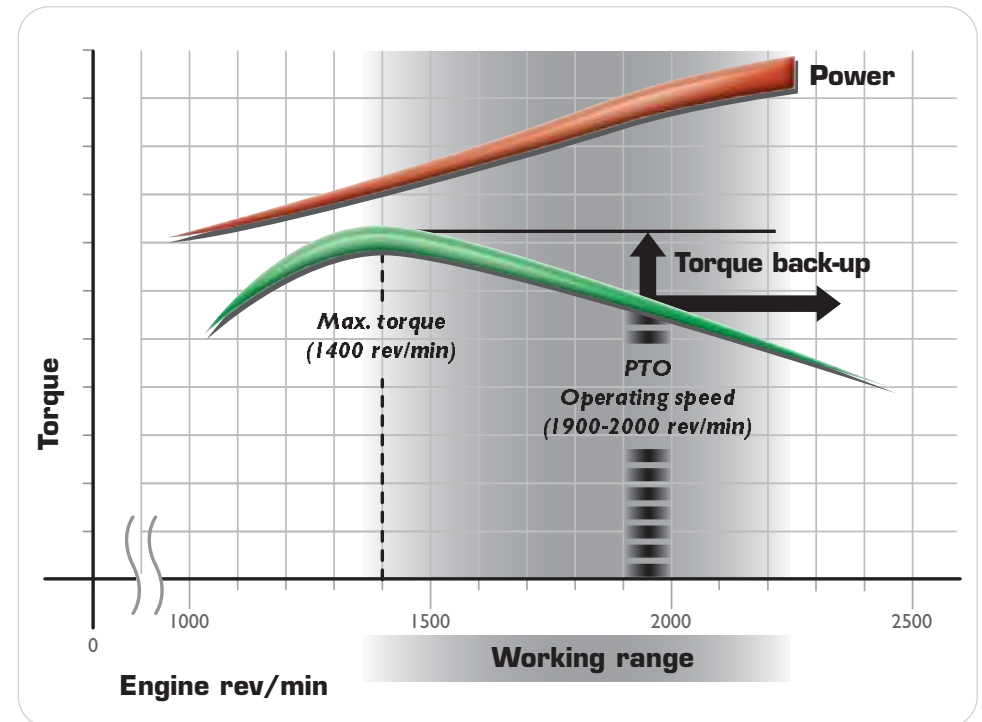
1006.6T engines, with their long stroke, direct injection and turbocharger, develop maximum torque at low engines speeds, providing more than adequate power for the toughest agricultural and haulage operations. Reassurance comes from the torque rise, or 'back-up', which gives the tractor flexibility in responding to load pressures or inclines – as the load increases and the engine revs drop, the torque climbs to meet the challenge without the need to change gear.

Model	Engine (cylinders)	hp (ISO)	kW (ISO)	Max torque (Nm @ rev/min)
MF 660	1006.6T (6)	150	112	555 @ 1600
MF 680	1006.6T (6)	165	123	650 @ 1400

Large fuel tanks for a full day's work



All engines have excellent power and torque characteristics





Spacious rubber-mounted platform and spring suspension seat

Main picture: Optional high-comfort cab



# Strength, traction and power

New levels of performance, versatility and operator comfort feature strongly in the latest all-purpose tractor from the world's leading tractor manufacturer, Massey Ferguson.

## Maximum strength, simple maintenance

A robust synchromesh transmission, with 12 forward and 5 reverse speeds, is fitted as standard on the MF 660 and MF 680 models. Operators will quickly appreciate the precisely-spaced gear ratios and progressive increase in speed, allowing the correct gear for the job to be selected with ease. The transmission system's strength of construction and uncomplicated design means maintenance is simplicity itself.



Power is transmitted through a similarly heavy-duty, 330mm diameter, double-disc, cerametallic clutch plate on the MF 660 and MF 680. Cerametallic clutch plates are well-proven throughout the Massey Ferguson

tractor range and are known to reduce inertia and promote smoother movement through the gears.

## Maximum traction from all four wheels

Power loss is kept to a minimum by the four-wheel drive centre drive axle and rear differential lock. The rear axles are built to withstand enormous load pressures, using extra-large epicyclic reduction units.

These allow maximum conversion of engine power into traction at the wheels. The central shaft is supported mid-way by an enclosed bearing to ensure protection and avoid crop wrapping from the swathes. It also makes for a highly manoeuvrable machine, with a turning circle of between 9.42 m and 12.42 m (without brakes), according to the model. The in-

board multi-plate disc brakes provide powerful, fade-free braking – critically important in heavy haulage applications.



Centre-drive 4-wheel drive front axle gives excellent manoeuvrability



Stylish Electronic Linkage Control console (cab model shown)



Convenient controls for hydraulics and mechanical linkage control (platform model shown)

## Legendary linkage, powerful PTO

The MF 600 series benefits from Massey Ferguson's pioneering development of Electronic Linkage Control (ELC). Further refined to provide even greater accuracy and reliability, the unit's gear pump empowers a huge lift capacity of 4500 kg with an additional 1000 kg if the assistor ram option is fitted.

Top link sensing sets the maximum height, provides draft and position control and a combination of the two. Simple controls permit easy operation of mounted implements. However, preference for mechanical linkage control can be accommodated on the platform versions.

The design of all tractor linkages on the MF 600 Series aims for simplicity of operation. Cat 2 fixed ball ends, adjustable telescopic bar stabilisers and a single pin arrangement in the sliding tube together present the operator with a very straightforward procedure. A pair of double-acting spool valves, with spring to neutral, are standard features on all models. The auxiliary system is powered by an independent pump, providing 60 litre/min on the MF 660 and MF 680 models. The massive strength of the rear axles and heavy-duty braking system mean both models can accept weight transfer hitches.

A highly flexible, independent PTO enables power to be matched precisely to what's required for the task in hand.

## Comfort with simplicity



MF 660 rear linkage. The massive rear axle is also clearly shown



High productivity PTO on MF 680

Driven continuously, power is transmitted through a hydraulic clutch pack, while a circuit valve ensures the drive is taken up progressively, avoiding the risk of damage to tractor and implement. A shiftable 540/1000 rpm PTO at 2160 engine rpm, through a six-spline shaft is the standard equipment on the MF 660 and MF 680.

Both models are supplied with a 21-spline shaft alternative.

Massey Ferguson has always attached great importance to the comfort of the operator and the MF 600 Series is no exception. Ease of operation, too, is a high priority and close attention has been paid to the positioning of controls and gauges.

The standard specification includes a flat-floor, fully isolated platform with a substantial two-post ROPS frame and canopy.

Heat from the engine is deflected away from the driver by integral heat shields.

Productivity can receive a significant boost – particularly when working in high temperatures or at night – from the air-conditioned cab option.



Optional air-conditioned safety cab



# Heritage

**Massey Ferguson's roots stretch back to the very beginning of farm mechanisation around the world. For many thousands of farmers on all five continents, their first tractor was a basic, tough, dependable workhorse, painted grey and built in Coventry, England.**

*Advancements in design, technology and manufacturing processes have transformed the tractor market over the years, but Massey Ferguson has remained in the forefront because of its commitment to quality, reliability and after-sales service.*

Business development in recent times has seen greater emphasis placed on ultra-modern manufacturing facilities in both Brazil and Central Europe.

This operation embodies the traditional Massey Ferguson character and values, with tractor design being very much an international

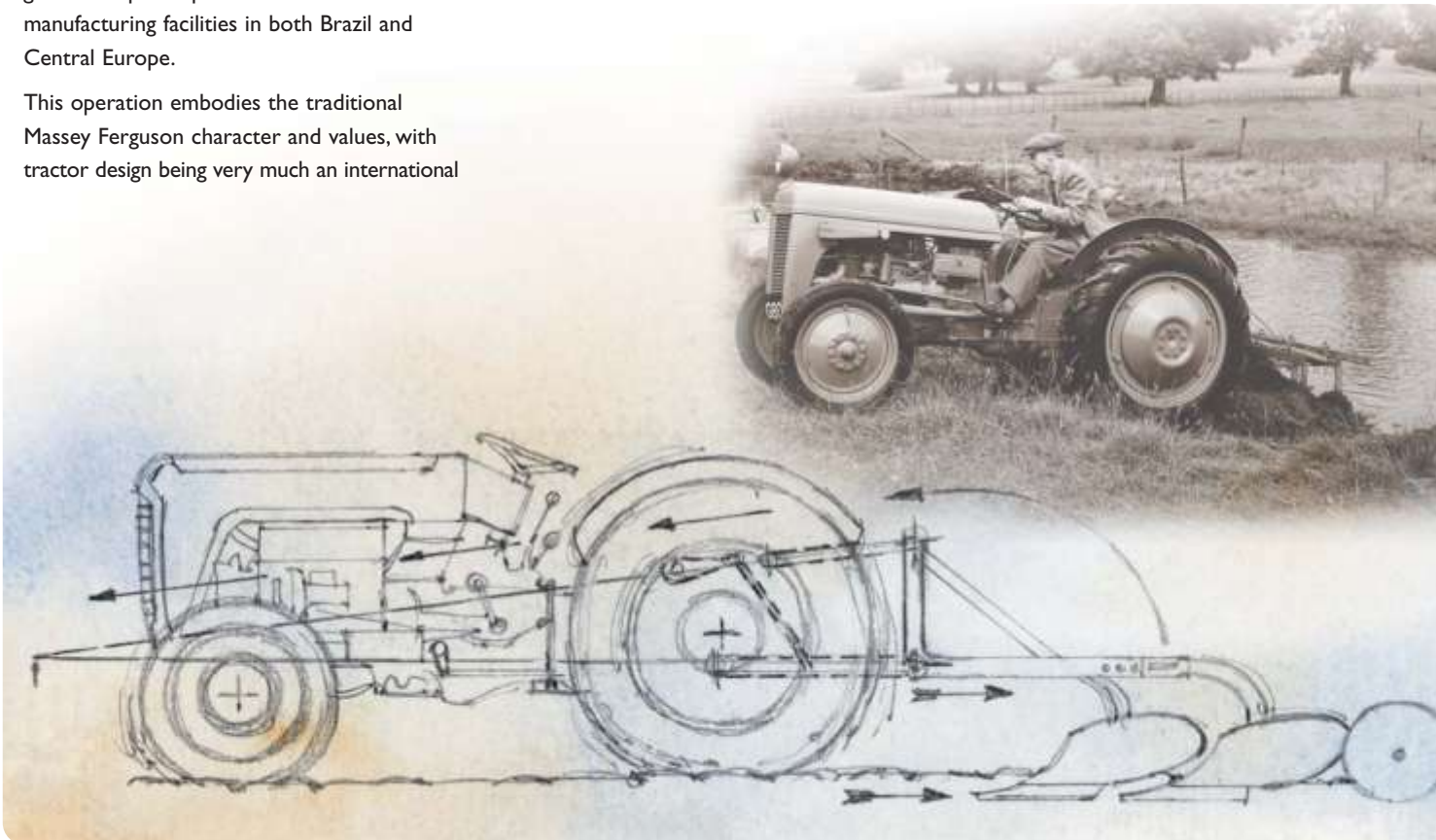
affair, combining the expertise and experience of engineers from Europe and the Americas.

Indeed the qualities and product features that have defined MF's worldwide reputation for innovation and engineering excellence are being continually developed within this facility – reflecting the future needs of the farming

communities globally.

Straightforward tractors for everyday tasks.

***Buy into Massey Ferguson's worldwide heritage.***



## A complete package

No matter where in the world you are operating, nor how remote the location, Massey Ferguson's unrivalled service and parts back-up is very much part of the deal when you invest in one of its many tractor options. Technical training is given regularly at local level to ensure dealer technicians are fully capable of providing a first class diagnostics, repair and maintenance service.

***With a Massey Ferguson tractor, you're never on your own.***



The MF 600 Series is built in an ultra-modern manufacturing facility in Canoas, Brazil



### **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 3,200 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**

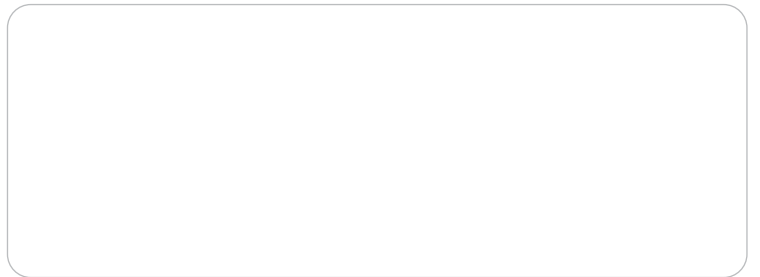
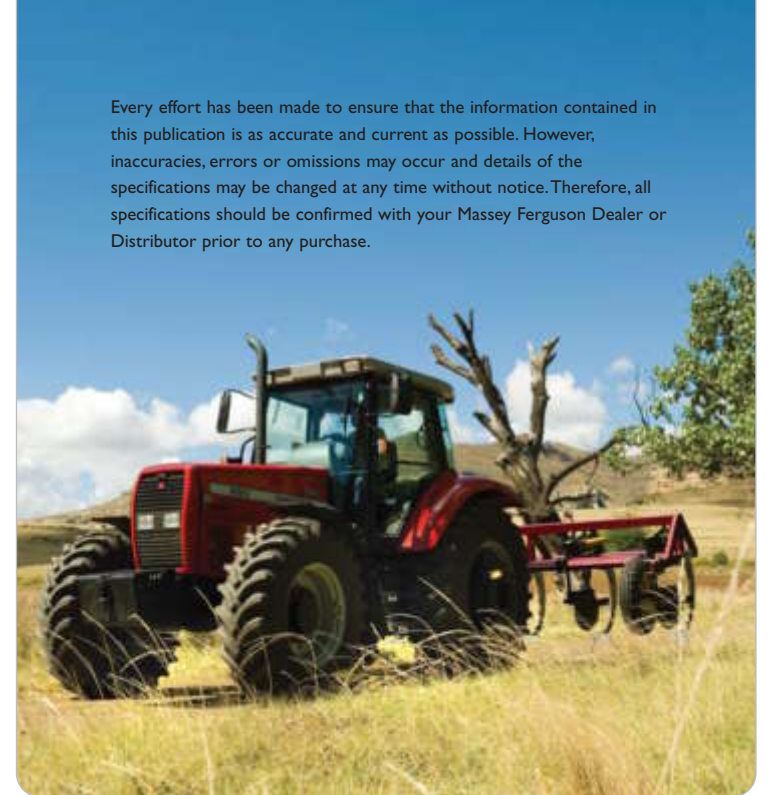
Massey Ferguson retail finance schemes are widely available to help fund machinery purchase. With the emphasis on flexibility, these schemes are tailored to customers' specific business needs and to take account of cash flow and seasonal business cycles. Depending on the market, financial options include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