



MF 7S

155-180 HP (114-132 kW)

**STRAIGHTFORWARD
AND RELIABLE**



MASSEY FERGUSON

BORN TO **FARM**



MF 7S

The ultimate tractor in your field

“The new MF 7S employs the latest straightforward and dependable technology designed to deliver ultimate efficiency and low operating costs.”

The MF 7S continues Massey Ferguson's promise to deliver highly dependable, straightforward, low maintenance tractors which provide efficiencies across all farming operations to increase your farm's profits.

Specifically designed to meet the needs of farming professionals, whatever your business and operations, the MF 7S is ideally suited for use in a range of applications from mixed farming to crop farming, and contracting businesses.

Available with a wide choice of engine power, transmission, cab specifications, hydraulics, and PTO options, you can tailor your MF 7S to precisely match your needs.

With several models to choose from, the MF 7S is always the best choice.





MF 7S

**POWERFUL
DESIGN**

TO INCREASE PRODUCTIVITY

The face of the new MF 7S captures and holds your attention. At its centre is the iconic MF triple triangle logo, leading to the powerful shape of the MF bar lights and the new MF grey sabre stripes on the side.

Inspired by Massey Ferguson's heritage, it shares this striking livery with the award-winning MF 8S.

Six-cylinder AGCO Power engines combined with Dyna-6 transmission deliver power and performance on demand, helping you get the job done efficiently.

The latest smart farming technologies combine to ensure you make the most of this state of the art tractor, while improving comfort and ease of use for the operator.

**THE NEW MF 7S WITH ITS POWERFUL
NEW STYLING AND NEW FEATURES IS
DESIGNED TO CAPTIVATE YOU FROM THE
START AND BE THE ULTIMATE PERFORMER
IN THE FIELD.**

CONNECTING THE FARMER AND THE TRACTOR

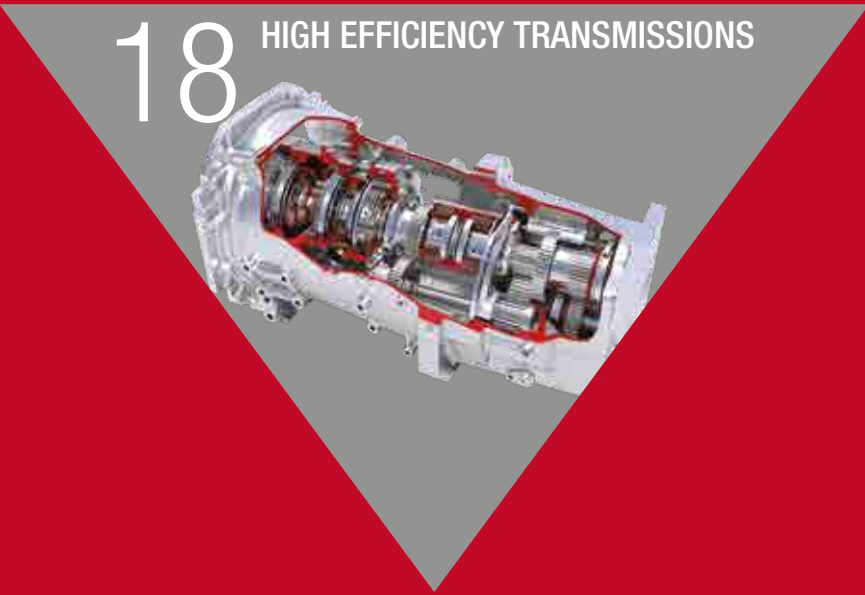
PARTS AND SERVICE



8 LIVE FOR COMFORT



16 MADE FOR PERFORMANCE
ENGINE POWER EFFICIENCY



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Make the MF 7S as individual as your farm –
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YOUR MF 7S AT A GLANCE

Designed for ultimate efficiency, the MF 7S is equipped with the latest straightforward and dependable technology to deliver low operating costs.

Efficient drivelines, low fuel consumption, long service intervals, impressive traction, and lift capacities, together with low maintenance costs – the MF 7S simply makes your farming business more profitable.

WITH FIVE MODELS TO CHOOSE FROM, THE MF 7S IS ALWAYS THE BEST CHOICE

	MF 7S.155	MF 7S.165	MF 7S.180
Engine	AGCO Power - Tier 2 - Common rail injection		
Engine capacity	6-cylinder, 6.6 litre		
Transmission	Dyna-6		
Maximum Power	155	165	180
Maximum Power with EPM (hp)	175	185	210
Maximum Torque @ 1,500 rpm (Nm)	700	725	750
Maximum Torque @ 1,500 rpm with EPM (Nm)	750	800	860

Ultimate comfort for a more productive working day

- ▶ The cab and front-axle suspension improve driving comfort, while the coloured dashboard display offers better visibility throughout the working day
- ▶ Air suspended swivel seat
- ▶ Up to 16 LED work lights.

Low cost of operation

- ▶ Low fuel consumption cuts ownership costs
 - ▶ Easy access for daily maintenance.
- ▶ 500 hr engine service intervals – to reduce costs and downtime.

Efficient drive-lines bring higher productivity

Dyna-6 Super Eco semi-powershift transmissions with Engine Power Management deliver more power when it is needed most. Perfect engine/transmission combinations deliver maximum outputs.





Straightforward, reliable, sustainable farming technologies provide the latest user-friendly precision farming package

- ▶ Autoguide ready
- ▶ MF Connect telemetry enables remote and near real time monitoring and decision making, improving efficiency and maximising uptime.

Ability to work faster with the most demanding implements

Up to four spool valves to the rear and two to the front, including front linkage, and Power Beyond installation, plus a high lift capacity hitch. The hydraulic system offers the ability to work faster with the widest implements while increasing versatility

LIVE FOR
COMFORT



THE CAB

WELCOME TO YOUR 'FIELD OFFICE'

From the beginning of modern tractor design, the Massey Ferguson cab has been renowned for excellence, and the MF 7S moves that legacy a step forward. It is something we work hard for, so that you can reap the benefits of long work days, in a very productive environment that blends comfort, quietness, ease of use, and quality.

Ergonomics – Everything you need in one place to make the working day go smoothly.

Easy access to the cabin and all major controls conveniently to hand on the right armrest.

Efficiency at work – Boosting productivity, saving time, and making the difference. Work effectively with implements and drive safely on the roads with 360° cab visibility.




VISIBILITY

for enhanced efficiency, comfort and safety



EASY TO USE

with a logical layout comprehensive control



“ Whatever your operations,
make the tractor your own ”

MADE FOR **OPERATORS**

THE BETTER EQUIPPED A TRACTOR IS FOR
THE TASK AT HAND, THE **FASTER AND MORE
EFFICIENT** IT WILL BE COMPLETED

This is another area where the MF 7S really stands out of the crowd: as well as an extensive standard equipment package, it comes with a choice of different cab environments offering a wide range of equipment, giving you all the options that you need.

MADE FOR COMFORT

NEW DASHBOARD WITH SIS – SET UP AND INFORMATION SCREEN.

Operators will appreciate the slim dashboard, which clearly displays operating data on its 70 mm x 52 mm, colour 'Set up and Information Screen'.



AIR SUSPENSION SWIVEL SEAT & ARMRESTS

Standard air suspended, swivel seat, with headrest, longitudinal shock absorber and mechanical lumbar adjustment.



The addition of the **16 LED WORKING LIGHTS** option transforms night into day with its outstanding brightness capacity. This package also includes daytime running LED signatures, enhancing an already very attractive design.



CAB SUSPENSION DELIVERES UNPRECEDENTED LEVEL OF OPERATOR COMFORT
For maximum comfort and in-field performance cab suspension can be combined with front axle suspension.

MADE FOR **COMFORT**

The Essential MF 7S Series is anything but basic.

It provides all the key elements you would expect from Massey Ferguson, with a blend of simplicity, ease of use and versatility to suit applications that require power and performance.

ESSENTIAL VERSION

THE NEW STANDARD FOR STRAIGHTFORWARD OPERATION

	COMFORT & SAFETY	EFFICIENCY	CONNECTIVITY
STANDARD	<ul style="list-style-type: none"> Brake-to-neutral Air-conditioning with manual adjustment Telescopic, large side mirrors 2 USB ports Standard auto air-suspended seat 	<ul style="list-style-type: none"> Control Centre with T-lever transmission operation Dyna-6 Super Eco with standard Automatic Mode Engine speed memory A Closed Centre Load Sensing Hydraulics 3 mechanical spool valves 540 & 1000, 540 Eco & 1000 Eco rear PTO Radar for wheel slip control 	
OPTION	<ul style="list-style-type: none"> Mechanical cab suspension Suspended front axle Panoramic cab with polycarbonate right-hand side window Radio/ CD / MP3 Front Aux-in / Bluetooth with microphone Electronic PTO speed selection 	<ul style="list-style-type: none"> Integrated Front Linkage System and PTO 4 mechanical spool valves 	<ul style="list-style-type: none"> Guidance ready MF Connect Telemetry with 5-year subscription



THE ESSENTIAL PANORAMIC CAB OPTION

The MF 7S Series Panoramic cab offers unobstructed visibility to the right-hand side for safe and efficient operation of side-mounted equipment.

The wide, one-piece polycarbonate screen is extremely tough and protects operators from flying debris. A special anti-scratch coating and dedicated wash/wipe system maintains great visibility in all conditions. For local authority and road work operations, the cab can be equipped with fixing brackets and wiring for hazard warning lights and signs.

This cab option will allow a farmer/contractor to diversify his business into roadside maintenance contracting for local authorities.



CONNECTING THE FARMER AND THE TRACTOR

The New MF 7S range has taken Smart Farming and connectivity to new heights.

The MF 7S range features the latest standard Connective Package, which comes with Real Time Information and Remote Service.

“ We run our operations with the very latest technology and need to reduce inputs as well as using excellent data management facilities.”



CONNECTED ANYWHERE. ANY TIME.

WITH 5 YEARS SUBSCRIPTION

**GREATER UP-TIME, OPTIMISED MAINTENANCE
AND SMARTER SERVICES WITH MF CONNECT.**

**OWNER, DEALER AND TRACTOR ARE
100% CONNECTED!**

MF Connect is a fleet monitoring system, which allows customers to keep a close eye on their Massey Ferguson machines.

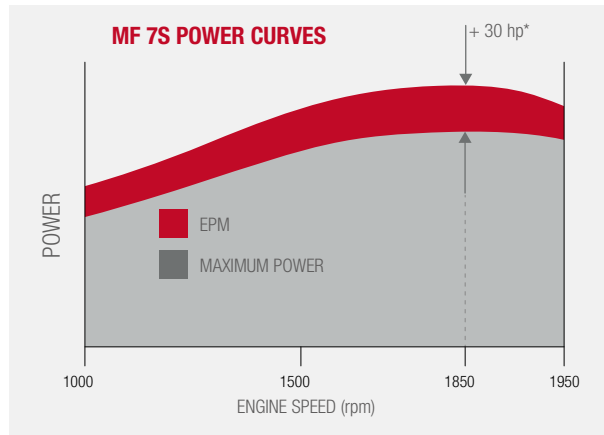
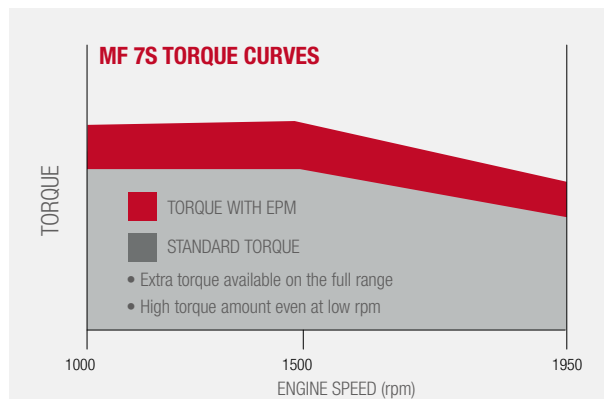
Viewing machinery operations and equipment operating parameters virtually in real time on mobile phones, tablets, or desktop computers has never been easier.

This enables owners and managers to manage operations more effectively, helping to improve operating efficiency with remote diagnostics, ensuring optimum uptime.

MADE FOR PERFORMANCE

THE PURE EXPRESSION OF POWER EFFICIENCY

The new MF 7S teamed up with the undisputed sustainable leader in heavy duty farming operations delivering class-leading power and torque, with best-in-class total cost of ownership.



EPM available on the full range (not only at Max power)
Constant power between Max power rpm & Max torque rpm



Combined with the
HIGHLY EFFICIENT DRIVELINES,
the engine is consistent and reliable, saving fuel,
increasing efficiency and cutting costs



500 H

Long service intervals
reduce running costs



EFFICIENT SUSTAINABILITY

6.6-litre, 6-cylinder AGCO Power engines are fitted on the MF 7S. This is the most elegant option that requires easy maintenance, does not hinder visibility and helps improve fuel economy.



FUEL SAVINGS
by lower engine revs

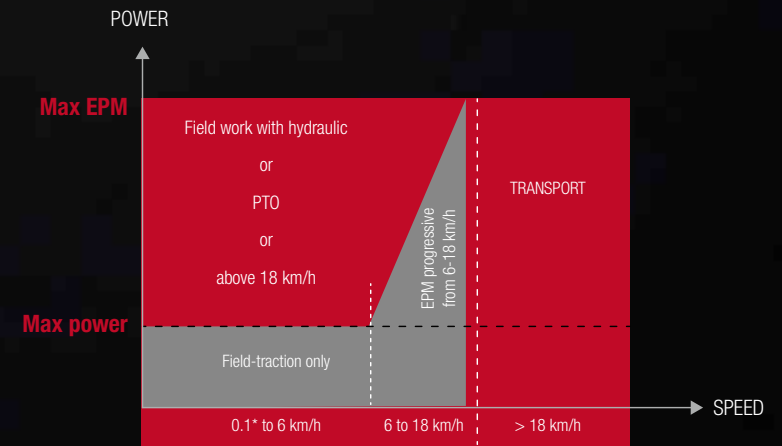


LOW NOISE

ENGINE PERFORMANCE MANAGEMENT

EPM OFFERS UP TO 30 HP MORE WHEN IT IS MOST NEEDED.

This means your MF 7S responds automatically to the load imposed on it and adjusts fuelling accordingly to give you extra power. Designed to tackle tough transport and PTO work challenges; advanced electronic engine and transmission management makes more power automatically available under load or at speed.



*EPM becomes active when the tractor is moving

HIGH EFFICIENCY TRANSMISSION

WHEN IT COMES TO DRIVE POWER, WE'VE REALLY SHIFTED UP A GEAR AT THE SPEED OF MIND

Whatever your workload demands the MF 7S tractors can be specified with the format that fits your farm. Dyna-6 offer six powershifts in each of four ranges, which can all be changed manually with T-Leaver or set to AutoDrive.

The unique MF Power Control lever on the left side of the steering column provides a PowerShuttle feature, as well as an alternative method of transmission ratio changing and a de-clutch function. Shuttle response can be adjusted according to operator preference.

MADE FOR CONTROL

“ Control with your
finger tips. ”



POWER CONTROL LEVER

Exclusive, simple, the unique Massey Ferguson Power Control lever provides straightforward three-in-one operation.



YOU CAN:

- shuttle between forward /reverse 
- shift speeds and ranges: up  and down 
- de-clutch 
- select neutral

LEAVING YOUR RIGHT HAND FREE TO OPERATE A LOADER OR ANY IMPLEMENT HYDRAULICS.

DYNA-6

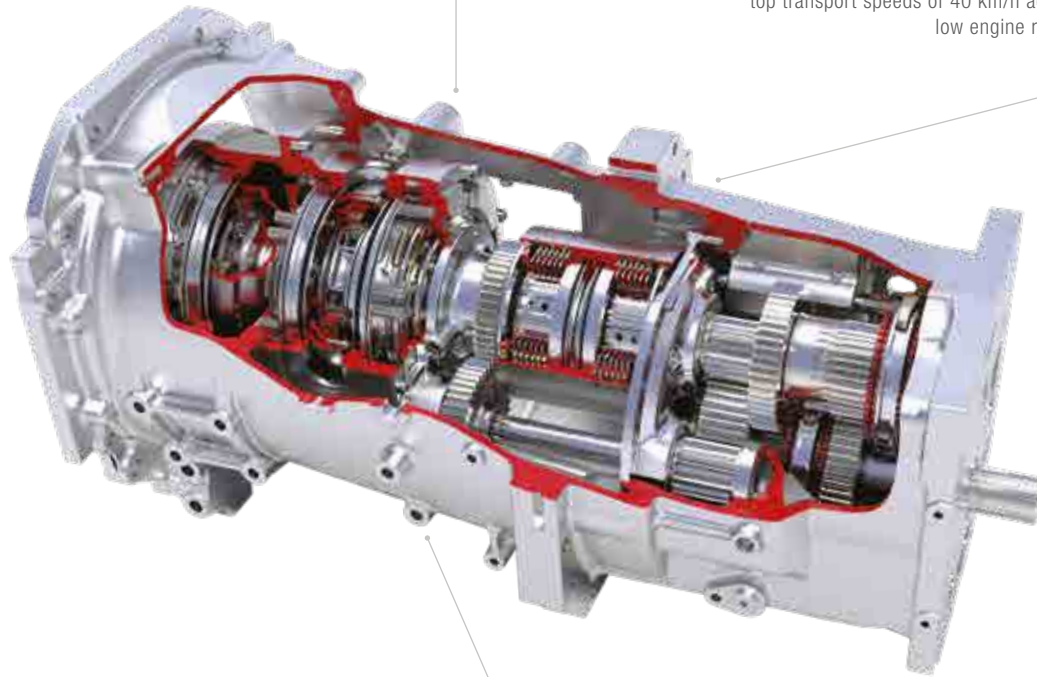
The semi-powershift
transmission

**PERFORMANCE,
REFINED.**



Delivering class-leading dynamic performance and reliability, the semi-powershift transmission provides six Dynashift ratios, perfectly spaced in four ranges and changed without using the clutch pedal.

Dyna-6 Super Eco offers six powershift steps in four ranges for ease of operation in the field and on the road. A total of 24 speeds in both directions means there is a match for just about every operation, with top transport speeds of 40 km/h achieved at low engine revolutions

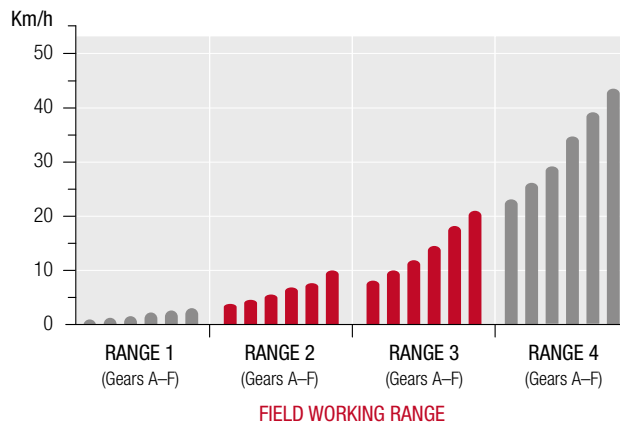


Autodrive is standard on all MF 7S tractors with Dyna-6 transmissions. This feature automatically manages the gears shifts depending on the engine rpm.

DYNA-6 BENEFITS AT A GLANCE

- ▶ Maximum productivity with 24 forward and 24 reverse speeds, all changed without using the clutch during transport applications
- ▶ Supercreeper option with speeds as low as 0.08 km/h
- ▶ Automatic gear shifting when set to auto drive
- ▶ Brake-to-Neutral automatically disengages transmission when braking
- ▶ Nine different working speeds for typical field work

DYNA-6 TRANSMISSION



◀ **Dyna-6 Super Eco** provides six Dynashift changes in each range, offering 24 forward and 24 reverse speeds, with an excellent overlap and a total of nine speeds in the Field Working range.



24x24
Speeds

MADE FOR VERSATILITY & TRACTION

Tractor power means nothing if it cannot be transferred to where it matters: the ground.

A wide choice of tyre dimensions and ballasting options available for the MF 7S offer improved traction with less soil compaction for lower operating costs and higher crop yields.

That is part of our commitment to help protect the soil and preserve the land for future generations.

“ Our land is heavy clay so minimising soil compaction is extremely important. ”



2.88 m

PERFECT WHEELBASE FOR THE PERFECT POWER AND SOIL PRESERVATION.

A wheelbase of 2,88m offers improved stability and traction in the field and comfort on the road. The combination of the wheelbase and the MF 7S chassis design means that less ballasting weight is

needed, ensuring maximum soil preservation and reduced ground pressure during cultivation, drilling and seeding.



4.93 m
turning radius*



▲ **BALLASTING** FOR FLEXIBILITY

For improved traction in all soil conditions we offer a wide range of ballasting options.

▲ **MANOEUVRABILITY**

Great maneuverability helps improve productivity when turning on the headland as well as loader operations. The sculpted chassis design and wasp-waisted bonnet deliver one of the best turning circles on the market.

◀ **FRONT AXLE SUSPENSION**

The long 140mm stroke of the front axle suspension ensure superior comfort and safety during transport applications and improved traction during field work. The front axle suspension does not compromise the turning circle or the ground clearance.



* Track width 1.9 m

SELECTING THE CORRECT BALLASTS & TYRES: BENEFITS AT A GLANCE

- ▶ More power to the ground
- ▶ Ultimate traction capabilities
- ▶ Lower soil compaction to boost yields whilst maintaining soil health for the next generation
- ▶ Improved fuel economy

▼ **SPEEDSTEER** reduces operator effort for faster operation on the headland or during loading operations using a front loader.

It enables the operator to adjust the steering ratio and select the number of turns of the steering wheel required for a given amount of steering angle turns.



MADE FOR **HARD WORK**

OUTSTANDING OPERATION AND PERFORMANCE TO TACKLE ANY TASK

Modern implements demand greater performance and efficiency from tractors than ever before.

The 7S tractor was designed to meet your future farming needs. Features such as the class leading lift capacity, oil flow, and additional power through the engine performance management system (EPM) will ensure your tractor is up for any task. Efficiency is key and careful consideration has gone into every major component of the 7S tractor. From the 540/1000 Eco PTO, the 40km/h Eco Dyna 6 transmissions to the new 6.6L AGCO Power engine optimized at lower rpm.





“ The perfect tractor
from tillage to
grassland ”



MADE FOR HARD WORK

110 LITRES/MIN

On MF 7S tractors with Dyna-6 Super Eco transmission, standard closed centre hydraulics offer a 110 litres/min load sensing system.



Up to
2
front spool valves
and free return.



Up to
4,000 kg
lift capacity. A heavy duty Integrated Front Linkage System (IFLS) is available as an option and is designed to match the front PTO and loader subframe.



1,000 RPM
front PTO is available.

Combined with the front linkage, it allows a wide range of additional implements to be powered: reducing passes and improving efficiency. Benefit from real time savings – more than doubling output when mowing grass.



ISOBUS
socket connects
compatible implements



Up to

4 PTO SPEEDS

A wide choice of PTO options are available with standard PTO speeds at 2 000 rpm, where maximum power is achieved. With the benefit of a 'constant power' band of up to 1 500 rpm and the ability to precisely select any ground speed at the chosen engine speed, you can always achieve a perfect match of PTO speed, forward speed and power – with optimum economy.



up to

8,100 kg

lift capacity from heavy duty rear linkage with Ultimate Draft Control. MF's digital ELC system gives the highest standards of draft control with more accurate depth settings and better ground contour following. The result is more weight transfer, better traction, less wheelslip, reduced tyre wear and reduced fuel consumption whilst still maintaining greater output.

POWER BEYOND

BUILT INTO THE CCLS SPOOL BLOCK IS A POWER BEYOND OPTION that provides oil supply directly from the pump as well as a free return coupler. Using both enables higher overall oilflow.



Up to

4

rear spool valves and
free return with
decompression lever

“ I want daily maintenance to be quick and easy so I can spend more time with my family. ”

PARTS & SERVICE

IT'S ALL ABOUT A LIFETIME OF SUPPORT

Buying, owning, and maintaining farm machinery can be complex, so having absolute peace of mind that you have great back-up and support is a very important consideration. As a Massey Ferguson customer you are assured of personalised, responsive and friendly support from our network of expert dealers who truly understand your business.

There is no cut-off time for Parts and Service because a machine may be out of service.

We are available to you throughout your ownership of your Massey Ferguson machine.

We take great pride and responsibility in every machine we sell, and we make it our mission to keep your machinery running reliably, every time you turn the key.



THE MF 7S HAS BEEN DESIGNED TO PROVIDE FAST, STRAIGHTFORWARD, EASY AND COST-EFFECTIVE ROUTINE MAINTENANCE.

We have combined practicality with style to ensure daily maintenance is speedy, straightforward, and simple, taking the stress out of maintaining your tractor, getting you to the field earlier for greater productivity and giving you some free time. With a Massey Ferguson MF 7S Series tractor, time spent in the yard preparing for the day ahead is kept to a minimum.

OPTIONS & ACCESSORIES

Today's farming demands machinery that is optimised to your business. Designed to tailor your Massey Ferguson machine to your needs, we offer a wide range of options and accessories – from loaders, weights, extra spool valves and hydraulic flowrates, all the way through to auto-guidance technology. For your ultimate comfort there are seat upgrades, sound systems, drinks coolers, and much more.

Everything we offer has been scrutinised by our engineers from all perspectives – optimum compatibility with your machine, safety, durability, and performance. You will get expert service from your Massey Ferguson dealer who has all the necessary installation tools and knowledge at their fingertips.



Engine air filter is easy to access and clean.



Front axle and slim waist bonnet design make oil dipstick and filter access easy.



Easy access to remove the cab air filter for cleaning.



Plenty of room to access radiator for cleaning.

MAKE THE MF 7S YOUR OWN AND AS INDIVIDUAL AS YOUR FARM

	ESSENTIAL
ENGINE	
AGCO Power - Tier 2 - Common rail injection	●
TRANSMISSION	
Power Control - Multifunction shuttle lever	●
Right hand shuttle control	-
T-Lever on console	●
Dyna-6 Super Eco 40 km/h (40 km/h @ 1,500 rpm)	●
C1 Cruise speed memories	●
Brake to Neutral - Clutch effect	●
OPERATOR ENVIRONMENT	
Air conditioning with manual adjustment	●
Air conditioning with automatic control	-
Air suspended swivel seat	●
Mechanical cab suspension	○
Active mechanical cab suspension	-
Aerial and Speakers (less radio)	●
FM or DAB + (Digital) Radio, CD, MP3, Bluetooth connection, USB & front auxillary	○
Radio - controls in the armrest	-
Telescopic double angle mirrors with electric adjustment and de-icing	-
SpeedSteer	○
Radar and slip control	●
16 Work lights package - with daytime running LED signature	○

- Not available
- Standard specification
- Optional

	ESSENTIAL
OPERATOR ENVIRONMENT	
MF TECHNOLOGIES	
Autoguide Ready	○
MF Connect	○
CHASSIS AND HYDRAULICS	
Front axle suspension	○
Mechanical control of spool valves	●
Electrical controls of spool valves	-
Electro hydraulic multifunction joystick	-
Power Beyond with couplers	●
Rear linkage with Active Transport Control	●
Automatic PTO	●
Mechanical PTO speed selection	●
Automatic traction management (4WD & differential lock)	●
Hydraulic top link on rear three-point linkage	○
Integrated front linkage (capacity of 3200 kg or 4000 kg depending on model)	○
Integrated Front PTO	○
CONVENIENCE	
Automatic isolator switch	●
Standard toolbox	●
External lift control on fenders	●
External PTO start/stop control on fender	●
External remote valve control on fender	-
OTHER EQUIPMENT (SPECIFICATIONS MAY VARY BY MARKET)	
Pivoting front fenders	●
Pneumatic trailer brakes	○
Hydraulic trailer brakes	●



TECHNICAL SPECIFICATIONS

		MF 7S.155	MF 7S.165	MF 7S.180
ENGINE				
Engine Type		AGCO Power - Tier 2 - Common rail injection		
Number of cylinders/Number of valves/Capacity	No. /No./cm3	6 / 4 / 6,600		
Aspiration		Electronic wastegate turbo and intercooler		
Injection type		Common rail		
Fan type - Transmission Dyna-6		Vistronic		
Maximum power	ISO hp (kW)	155 (114)	165 (121)	180 (132)
Engine rpm at maximum power	rpm	1,950		
Maximum torque @ 1,500 rpm	Nm	700	725	750
Maximum power with EPM	hp	175 (129)	185 (136)	210 (154)
Maximum torque with EPM @ 1,500 rpm	Nm	750	800	860
Fuel tank capacity	Litres	305		
DYNA-6 TRANSMISSION				
Number of gears (Fwd x Rev)	Fwd x Rev	24 x 24		
Min. speed @ 1,400 rpm (Creeper)	km/h	1.09 (0.08)		
40 Eco / Super Eco km/h at engine speed with max. tyre dimension	rpm	1,500 (with 650/65 R42)		
REAR LINKAGE AND HYDRAULICS				
Lower links type	Cat	Cat 3		
Maximum lift capacity, at link end	kg	7,100/8,100		8,100
Standard hydraulic system	L/mn	Load sensing 110 L/min		
Maximum number of rear spool valves		4		
REAR POWER TAKE-OFF				
Engine speed at 540/1000	rpm	1,980 / 2,030		
Engine speed at 540/540 Eco/1000/1000 Eco - Dyna-6	rpm	1,980 / 1,530 / 2,030 / 1,570		
Shaft diameter	Inches	1 3/8" 6 & 21 splines		

ISO 14396
- Not available

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.

		MF 7S.155	MF 7S.165	MF 7S.180
INDEPENDANT FRONT LINKAGE AND FRONT POWER TAKE-OFF				
Lower links type	Cat		Cat 3	
Maximum lift capacity, at link end	kg	3,200	3,200	3,200 / 4,000
Maximum number of front spool valves			2	
Engine speed at 1,000 front PTO speed			1,920	
WHEELS AND TYRES (FULL RANGE AVAILABLE. PLEASE CONSULT YOUR DEALER)				
Front			480 / 65 R28	
Rear			600 / 65 R38	
WEIGHTS (MAY VARY DEPENDING ON CONFIGURATION. PLEASE CONSULT YOUR DEALER)				
Minimum weight / average weight / maximum weight	kg	5,800 / 7,000 / 8,150	6,300 / 7,500 / 8,400	
Maximum gross vehicle weight up to	kg	11,000		

DIMENSIONS

		MF 7S Dyna-6
A	Wheelbase	mm 2,88
B	Overall length from front linkage to rear linkage arms	mm 5,604
B	Overall length from front weight frame to rear linkage arms	mm 4,928
C	Height at centre of rear axle to top of cab	mm 2,110
D	Total height	mm 2,985





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MASSEY FERGUSON

BORN TO **FARM**