



# MF 7S

155-220 HP (114-154 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 powers, transmissions, 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, around which flows 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 or Dyna-VT transmissions deliver power and performance on demand, helping you get the job done efficiently.

The latest smart farming technology (ISOBUS, MF Guide,

MF Rate and Section Control) 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.**

**MADE FOR SMART FARMING  
& CONNECTIVITY**

**PARTS AND SERVICE**

**8**

**LIVE FOR COMFORT**



**16**

**MADE FOR SMART FARMING  
& CONNECTIVITY**

**22**

**MADE FOR  
PERFORMANCE**  
ENGINE POWER EFFICIENCY

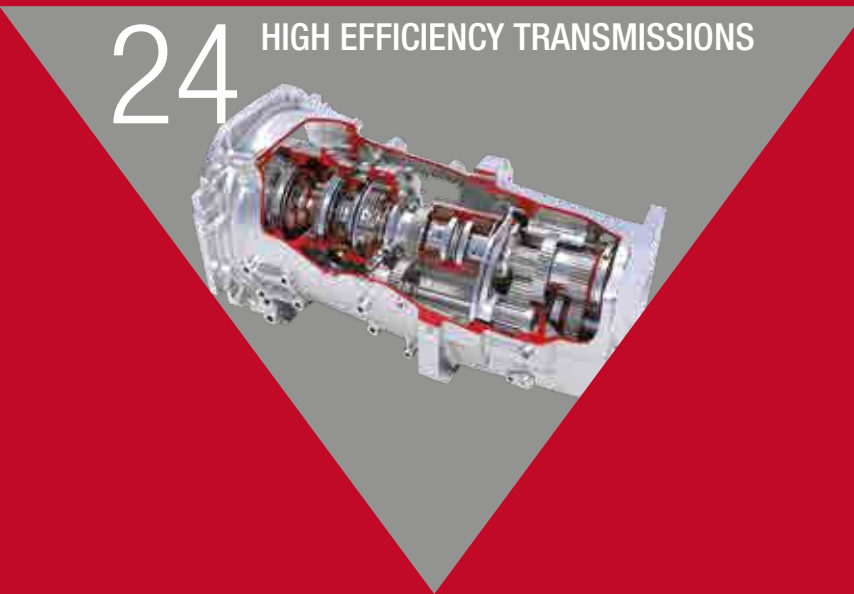


**36**

**PARTS AND SERVICE**

**24**

**HIGH EFFICIENCY TRANSMISSIONS**



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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 drive-lines meeting 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.

## Ultimate comfort for a more productive working day

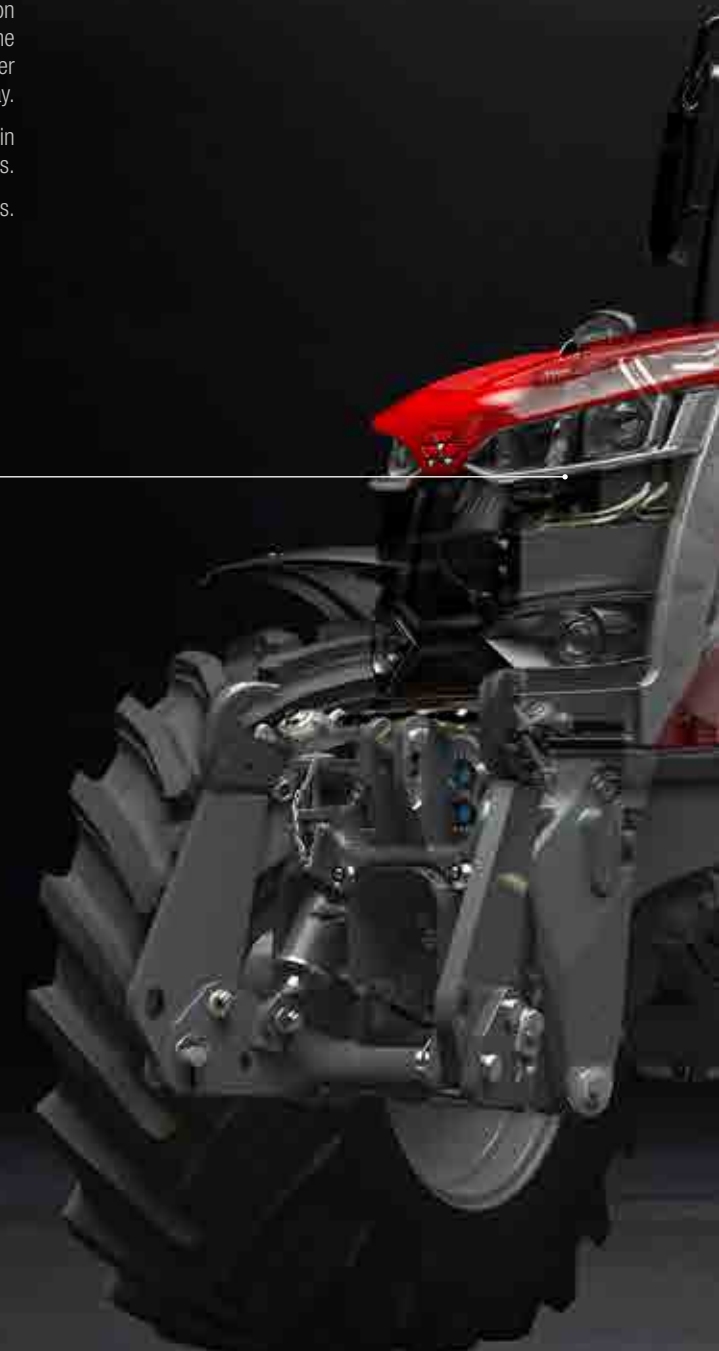
- ▶ Cab and front-axle suspension improve driving comfort, while the colour dashboard display offers better visibility throughout the working day.
- ▶ The new armrest provides best in class controls and ergonomics.
- ▶ Up to 16 LED work lights.

## 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.

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

	MF 7S.155	MF 7S.165	MF 7S.180	MF 7S.190	MF 7S.210
Engine	AGCO Power - Tier 2 - Common rail injection				
Engine capacity	6-cylinder, 6.6 litre				
Transmission	Dyna-6			Dyna-VT	
Maximum Power	155	165	180	190	210
Maximum Power with EPM (hp)	175	185	210	220	220
Maximum Torque @ 1,500 rpm (Nm)	700	725	750	850	860
Maximum Torque @ 1,500 rpm with EPM (Nm)	750	800	860	925	925





**Straightforward, reliable, sustainable farming technologies. New Datatronic 5 and optional Fieldstar 5 terminal provide the latest user friendly precision farming package**

- ▶ 9" touchscreen terminal created to provide a more intuitive and precise farming experience.
- ▶ New MF Guide solutions provide economy by reducing overlaps.
- ▶ MF Section and Rate Control allows you to adjust the application rate on the go, whilst automatically minimising overlap, skips, and wasted product.
- ▶ 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.

**Efficient drive-lines bring higher productivity**

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



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 worked hard for, so you can reap the benefits of long working 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 and new armrest offering 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 from 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**

AND THERE IS MORE IN IT FOR YOU!

**ALWAYS CONNECTED** - Two USB ports and adjustable phone and tablet holder available through AGCO Parts.



**BLUETOOTH RDS/MP3 RADIO** is fitted as standard in the efficient models allowing hands-free calls. Optional phone and data radio controls through the Datatronic 5.



**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'.



**EASY AND SECURE ACCESS.**

Large wide door, steps, rails and tiltable steering column provide best-in-class accessibility to the cab.

# MADE FOR **COMFORT**

## CHOOSE THE ROOF TO SUIT.

A choice of three roof types allows you to tailor your MF 7S to offer improved visibility for all applications or to increase natural ventilation: you can choose between Standard roof, Standard roof with hatch and Visio roof



Electric auxilliary valves can be controlled via a **JOYSTICK**



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** brings extra comfort.

Two types of cab suspension are available - mechanical and active mechanical. For maximum comfort and infield performance cab suspension can be combined with front axle suspension

**NOW PLEASE TAKE YOUR SEAT AND ENJOY YOUR COMFORTABLE WORKING DAY**

Massey Ferguson offers the best-in class seat depending on models and options providing outstanding comfort.



**HEADLAND MANAGEMENT** is available via the Datatronic 5 on the Efficient version (optional on Essential version)...



...and controls are easily accessible on the armrest.



**AUTOMATIC AIR SUSPENDED SWIVEL SEAT & ARMRESTS**

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



**SUPER LUXE AIR GRAMMER SEAT**

Standard automatic air suspended, swivel seat, with headrest, longitudinal shock absorber, heated and pneumatic lumbar.



**SUPER LUXE DYNAMIC DAMPENIC AIR GRAMMER SEAT\***

New automatic air suspended, swivel seat, with two heating levels, pneumatic lumbar, longitudinal & lateral shock absorber, dual motion backrest and Dynamic Damping System (DDS).

\*Not compatible with visio roof

# MADE FOR **COMFORT**

THE 7S EFFICIENT VERSION IS A COMBINATION OF VERSATILITY AND REFINEMENT DEDICATED TO OPERATORS LOOKING FOR A TRACTOR WITH ADVANCED FUNCTIONALITY IN TERMS OF PRECISION FARMING, ERGONOMICS, AUTOMATION AND REMOTE MONITORING.

This version is aimed at more intensive, large scale operators looking for more advanced features that will ensure cost-effective benefits for their business. The armrest comes with numerous benefits including comfort and convenience when operating multiple, frequently-used controls.

## **EFFICIENT VERSION**

ADVANCED EQUIPMENT TO HEIGHTEN YOUR EFFICIENCY AT WORK

	<b>COMFORT &amp; SAFETY</b>	<b>EFFICIENCY</b>	<b>CONNECTIVITY</b>
<b>STANDARD</b>	Suspended front axle (Dyna-VT) Mechanical cab suspension Air conditioning with manual adjustment Telescopic large side mirrors Armrest with new MultiPad lever Radio/ CD / MP3 Front Aux-in / Bluetooth with microphone and controls in armrest 2 USB ports Automatic air-suspended seat SpeedSteer	Cruise Control and Brake-to-Neutral Closed Centre 110 l/min hydraulics Electrical and mechanical spool valves Engine speed memo A or B 2 electrical spool valves with electrical micro-joystick and 2 mechanical spool valves Standard and Eco PTO speed Electronic PTO engagement and speed selection	Guidance Ready Datatronic 5 touchscreen terminal 9" (With Tractor settings management & ISOBUS integrated, and as an option, radio & phone interface, MF E-Loader, camera & MF Guide compatible) ISOBUS
<b>OPTION</b>	Active Mechanical cab suspension Automatic Air Conditioning 16 LED working Lights Heated, electric-adjust mirrors Automatic air suspended swivel seat, with lateral suspension, Dynamic Damping System	Dyna-6 Eco with Supercrawler Integrated Front Linkage System and 1,000 rpm front PTO Closed Centre Load Sensing hydraulics with 150 or 190 l/min	Fieldstar 5 terminal MF Guide system with Advanced guidelines MF Section & Rate Control MF TaskDoc MF Connect Telemetry with 5-year subscription



Datatronic 5, 9" terminal

Electrical PTO speed selection

Electronic rear linkage adjustment

MultiPad lever including transmission control for effortless speed and range changes

Loader Joystick

Up to four spool valves can be specified as standard

Hand throttle

PTO activation

# MADE FOR PRECISION FARMING & CONNECTIVITY

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.

What's more, it comes with a new and more intuitive Datatronic 5 interface as well as with the Fieldstar 5 terminal to control Smart Farming and Agriculture 4.0 features such as: MF Guide, MF Section and Rate Control as well as data transfer and management through MF TaskDoc.

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





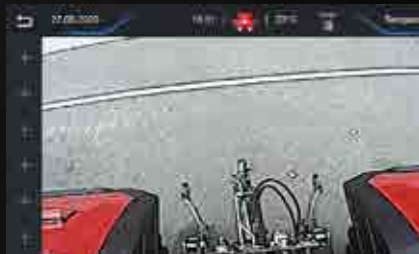
# DATATRONIC 5

Powered by Fuse® Smart Farming Solutions

**FUSE**  
SMART FARMING. SYNCHRONIZED.



▶ **Full tractor functions management** and optimisation features such as transmission, engine and hydraulics. Moreover there is the remarkable Dual Control system providing excellent control of semi-mounted ploughs by automating the furrow entry and exit. At the same time the system adjusts the plough's depth wheel in relation to the rear linkage.



▶ **Video Mode\*** – Pictures from the on-board camera can be displayed on the console screen, allowing operators to monitor complex implements or simply improve safety and efficiency when reversing.

\*image for illustration purpose only



▶ **Headland management settings** – The Datatronic 5 comes as standard with the most intuitive, straightforward and easy to use automatic headland management system available in the market. It is designed to save you significant time at headlands, allowing you to concentrate on the operation in hand so that you can maximise outputs with ease.



▶ **The new MF E-Loader auto-control function** helps to increase loading accuracy, productivity and safety. It enables operators to weigh individual fork or bucket loads. It also records the total weights of each item, load or job and these can be transferred as a simple spreadsheet. Operators can also set-up and save automatic sequences for different loading cycles. MF E-Loader also provides a useful bucket shake facility.



▶ **ISOBUS for total implement control** – ISOBUS allows an implement manufacturer's control system to be displayed on the terminal screen, saving owners and operators time and money, with no need to install additional monitors in the cab. Simply plug the implement lead into the tractor's ISOBUS socket and the system automatically uploads the operating menus and displays on the screen.



▶ **ISOBUS MultiPad switch assignment** - ISOBUS implements can be controlled directly using the MultiPad lever. Having all controls (tractor and implement) on the same lever is a lot more convenient than using additional displays and levers.



▶ **Memorise data and settings** – Unlimited number of user settings configurations enable the system to record information during operation on area worked, fuel use, hours worked and much more. All the settings and parameters can be stored by the Datatronic terminal, and can then be recalled to find the previous setting that was used on a tractor.



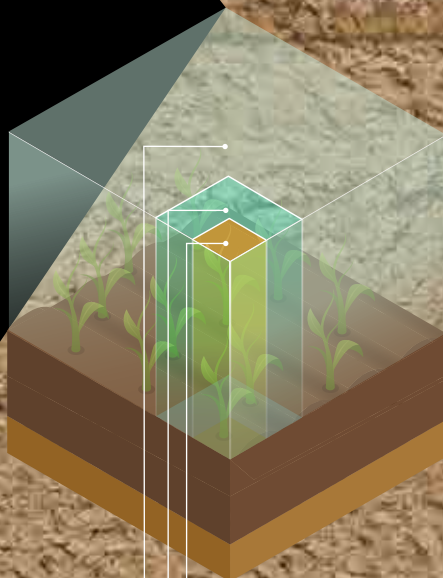
▶ **Access to radio functions via Datatronic 5:** the same as you would in a car, simply connect devices via Bluetooth, USB or aux control with the option of synchronising more than one smartphone. Memorise radio stations, receive and make calls, and other functions.



# MADE TO KEEP YOU ON TRACK

MF Guide is Massey Ferguson's full featured, hands-free steering system. MF Guide accurately steers your tractors by means of three different correction signals: RangePoint, CenterPoint and Centerpoint RTK. This increases the efficiency of your farming operations.

\*Integrated guidance is available on the efficient models



- 2 cm: Trimble RTK
- 4-15 cm: Trimble Centerpoint
- 15-30 cm: Trimble Rangepoint



**xFILL™ TECHNOLOGY**  
Should you lose your signal due to the terrain, MF Guide continues to work reliably for up to 20 minutes without a correction signal thanks to Trimble®-xFill™ technology.

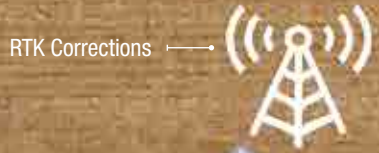


With the new Massey Ferguson MF Guide existing farm Trimble® RTK infrastructure can be used.

Talk to your local Massey Ferguson Dealer to find out more



Trimble®



# EASY, FAST SET-UP WITH **GO MODE** FUNCTION

Starts up within 5 minutes, even for first time users. This allows the operator to begin working with auto-guidance/steering for the first time in three easy steps...



... IMPLEMENT...



... WAYLINE...

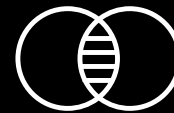


## KEY BENEFITS **FOR YOU**



### FUEL SAVING

Guidance systems are proven to save up to fuel in field operations.



### NO OVERLAPS

MF Guide virtually eliminates overlaps.



### SAVINGS

Using MF Guide helps you save money by reducing overlaps, precision application and increasing efficiency.



### COMFORT

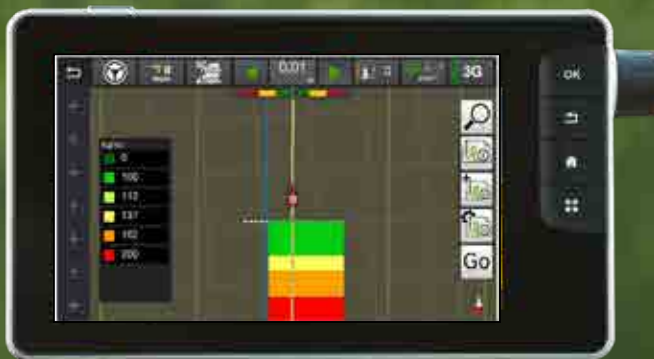
Using MF Guide helps to reduce fatigue and stress by guiding you efficiently through your working day.

## MFsection control

FUSE SYNCHRONISED

MF Section Control is the new Precision Farming solution from Massey Ferguson providing the most advanced and most efficient Section Control feature, managing up to 96 sections and 5 applications. With the fully automatic Section Control for ISOBUS implements, operators can apply seeds, fertiliser or pesticides without overlapping. This prevents double treatment and areas worked outside of the field edges.

With the aid of the straightforward and easy to use Section Control assistant, the operators can set the correction values for each implement, quickly and easily. The system uses the tractor's GPS system to automatically turn on and off individual sections in areas that have already been covered, which automatically results in economical application and enhanced yields.



## MFrate control

FUSE SYNCHRONISED

Variable application with Variable Rate Control (VRC) Data transfer with TaskDoc™ now permits variable rate application, based on the needs of the soil or plants, and therefore saves operating inputs. The individual requirements for seeds, fertiliser and pesticides are shown on application maps. They are then called up during operation and automatically executed. The big advantage: Operating inputs can be defined and planned with the aid of the field database and then applied with utmost precision. For example, you can tailor chemical or fertiliser application in areas as required, lowering input cost and further enhancing yields.

# MF TASKDOC & AGRIROUTER: NEXT MACHINE MANAGEMENT

**MF**task doc  
FUSE SYNCHRONISED

Information is power, with accurate data measurement and recording enabling more precision in decision making. The new TaskDoc™ system has a place in the future of agriculture, helping farmers to become more productive through the knowledge brought by putting precision-measured data at the business owner's fingertips.

With **TaskDoc™** all jobs' data can be recorded with a minimum of effort, documented in the field record and then analysed, all in the shortest amount of time. The data is transferred via USB Stick from the Datatronic 5 terminal to the office using the ISOBUS standard TC-BAS. Data on the quantity of seeds and fertiliser applied or the fuel consumption is available immediately after the work is done.



**MF**connect  
FUSE SYNCHRONISED

**FUSE**  
SMART FARMING. SYNCHRONIZED.

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, that allows customers to keep a close eye on their Massey Ferguson machines.

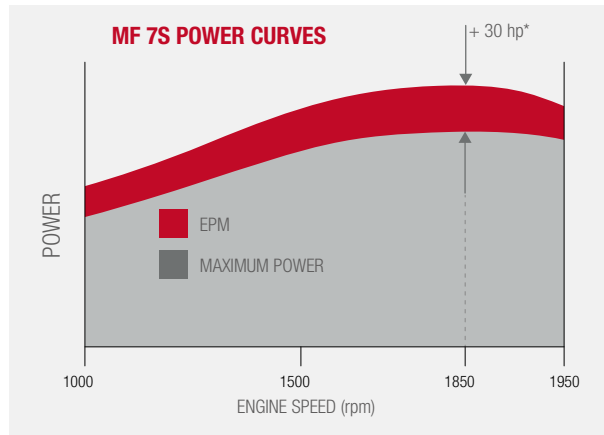
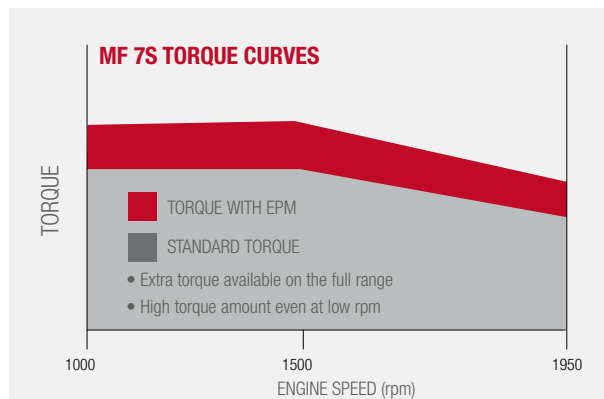
Viewing machinery operations and equipment operating parameters in virtually real time on their mobile phone, tablet or desktop computer has never been easier.

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

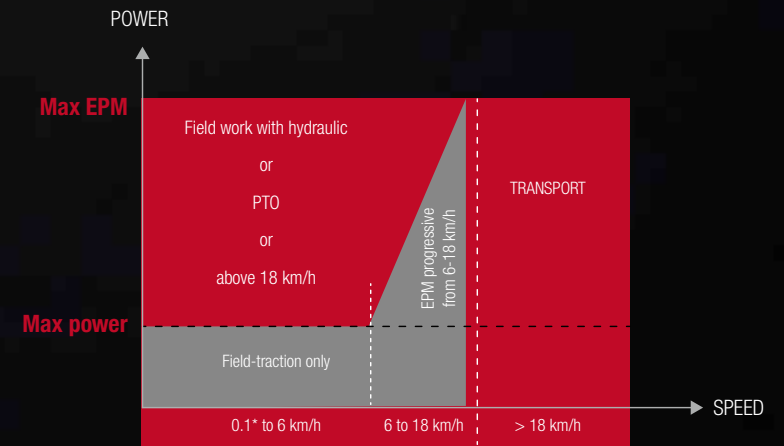


**LOW NOISE**

## EPM

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 TRANSMISSIONS

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

Whether your workload demands a semi-powershift or continuously variable transmission, MF 7S tractors can be specified with the format that fits your farm. Dyna-6 offers six powershifts in each of four ranges, which can all be controlled from the armrest joystick, the transmission control lever, or the MultiPad lever (depending on model).

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.

Massey Ferguson's Dyna-VT Continuously Variable Transmission continues to be one of the most popular transmissions offering maximum productivity, efficiency and operator comfort.

Easy to use. Smart to operate. Efficient and comfortable.

## MADE FOR CONTROL

“Control in the palm of your hand.”

The MultiPad lever operates the transmission as well as controlling cruise control, the rear linkage, PTO, headland management and spool valves through the integrated micro-joystick. All operations are easily to hand for greater comfort.

Transmission mode selection I / II

Transmission settings



# 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

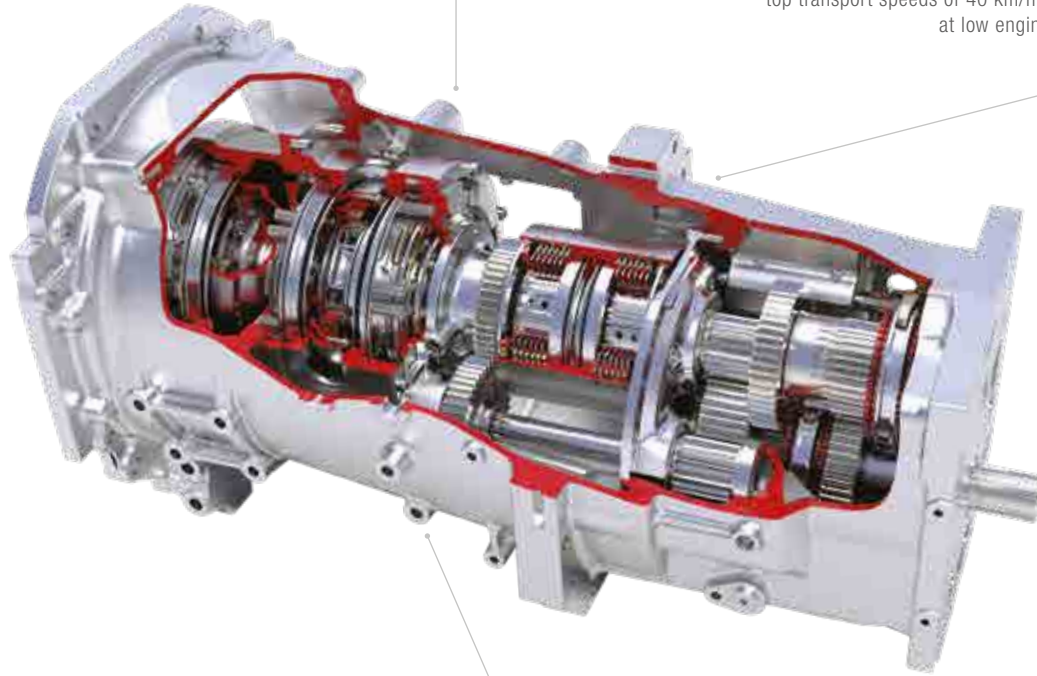
The semi-powershift  
transmission

**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's a match for virtually every operation, with top transport speeds of 40 km/h achieved at low engine speeds.

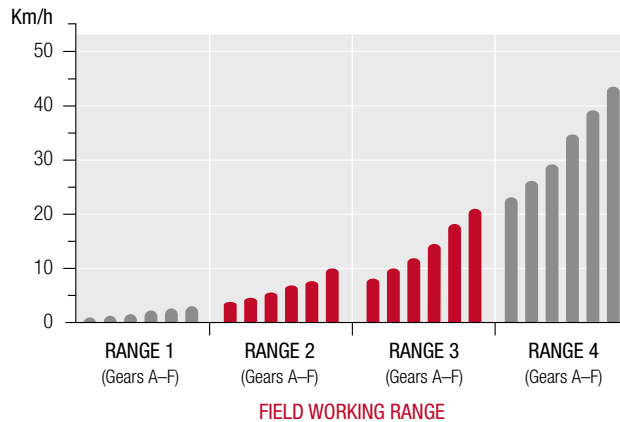


**Automatic mode** is standard on all MF 7S tractors with Dyna-6 transmissions. This feature automatically manages the gears shifts depending on the engine rpm.

### 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

# DYNA-VT TRANSMISSION

THE SMOOTHEST POWER DELIVERY, THE ULTIMATE IN PRODUCTIVITY.

Dyna-VT continuously variable transmissions are now equipped with a new Automatic mode. Simply activated with a switch on the armrest, auto mode allows the operator to adjust forward speed with the MultiPad lever or the foot pedal, while the engine speed is automatically regulated according to the load and speed. The hand throttle now also sets a lower engine speed limit – with rpm never dropping below this limit.

The Super Eco version of the Dyna-VT reduces fuel consumption by achieving 40 km/h at just 1,450 rpm.

## DYNA-VT BENEFITS AT A GLANCE

- ▶ Lever or pedal control means operator can choose his preferred mode
- ▶ 'Supervisor' maximises output under varying loads
- ▶ New Automatic mode enables operators to adjust forward speed, while automatically regulating engine speed according to load and speed
- ▶ Shuttle and Pedal aggressiveness adjustment with Brake-to-Neutral feature
- ▶ Simple, infinite speed control, from 0.03 speeds to 40 km/h available



### INFINITE

Speeds from 0.03 km/h to 40 km/h



### HIGH COMFORT

Stepless transmission



ULTIMATE COMFORT.

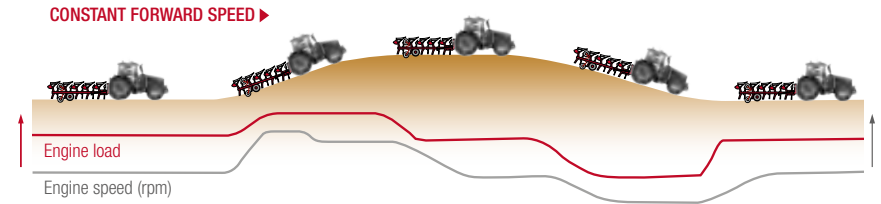
# STEPLESS TRANSMISSION.



The 'Supervisor' is on continuous stand-by and activates when engine speed falls under load. The benefit of the 'Supervisor' is that even when the load on the engine is increased and engine speed drops, the transmission will automatically reduce forward speed to maintain total power, whether in PTO applications, field work, or transportation. When used in conjunction with C1 and C2, which set a specified forward speed, the tractor will then operate at maximum output as load fluctuates, as well as automatically adjusting the tractor back to the required speed.

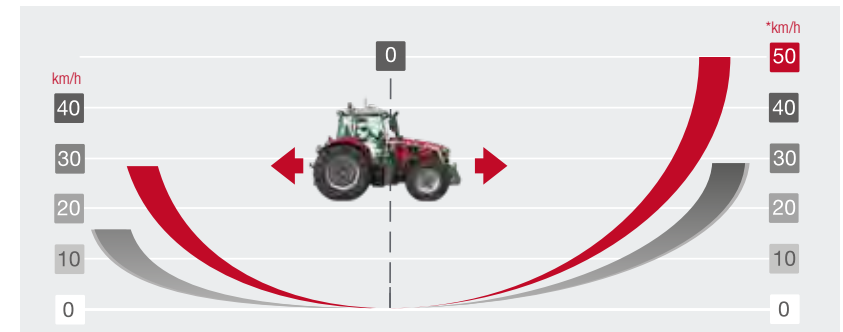
The original Dyna-VT transmission is a true testament to precision engineering; guaranteed **productivity, complete operator comfort and optimum fuel efficiency** at all times. Further, consistent enhancements such as Automatic mode make it the most intuitive CVT transmission on the market.

## AUTOMATIC MODE



▲ The highly-regarded Dyna-VT continuously variable transmission now has a new Automatic mode. This allows operators to use the MultiPad lever or foot pedal to alter forward speed, while automatically setting the optimum engine speed according to the load and speed. As well as delivering smoother operation, it also improves fuel efficiency.

As the load (red line) changes according to varying conditions, the Dyna-VT automatically responds by adjusting the engine speed (grey line) to maintain the set forward speed. This optimises performance, saves fuel and reduces noise.



▲ **STEPLESS TRANSMISSION**  
Dyna-VT is amazingly simple to operate and works extremely well in differing conditions. There's no shifting of gears, no jolts and no breaks in traction or power.

Simple, infinite speed control, from creeper 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 and DVT transmissions, new 6,6L AGCO Power engine optimized at lower rpm to the operating environment with new armrest and multifunction joystick.







“ The perfect tractor  
from tillage to  
grassland ”



# MADE FOR HARD WORK

## UP TO 190 LITRES/MIN

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

For a dynamic hydraulic response, MF 7S Dyna-VT models are equipped with a 110 litre/min closed-centre load-sensing system as standard. Further hydraulic power and flow is delivered by the 190 litre/min load-sensing system, which is capable of operating the most demanding implements. This uses a variable displacement swash plate pump that supplies oil on demand – saving energy by providing only what is required. This enables the system to generate high flow rates at low engine speeds and maintain high output with economy.

HYDRAULIC FLOW COMPATIBILITY (l/min)	LS: 110	LS: 150	LS: 190
MF 7S Dyna-6 (Efficient)	●	○	-
MF 7S Dyna-VT	●	-	○

● Standard specification   ○ Optional   - Not available  
LS = Load Sensing



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.



**ISO BUS**  
socket connects  
compatible implements



Up to

## 4 PTO SPEEDS

Standard and Eco PTO speeds available at standard with standard speed of 2000 rpm and Eco at a lower speed of 1500 rpm. With the benefit of a 'constant power' band of up to 1500 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. MF 7S Efficient versions are equipped with electrical PTO speed selection for convenience.

**\*Exact speeds differ between Dyna-6 and Dyna-VT transmissions.**



Up to

## 9,600 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 FACILITY that provide oil flow directly from the pump by means of additional return and supply hoses.



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 hugely 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 flow rates 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'll 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

	EFFICIENT
<b>ENGINE</b>	
AGCO Power - Tier 2 - Common rail injection	●
<b>TRANSMISSION</b>	
Power Control - Multifunction shuttle lever	●
T-Lever on console	-
<b>A</b> MultiPad lever on Command Control Armrest	●
Dyna-6 Super Eco 40 km/h (40 km/h @ 1,500 rpm)	●
Dyna-VT Super Eco 40km/h	●
C1 & C2 Cruise speed memories	●
Brake to Neutral - Clutch effect	●
<b>OPERATOR ENVIRONMENT</b>	
Air conditioning with manual adjustment	●
Air conditioning with automatic control	●
Automatic Air Suspended Swivel Seat with Armrests	●
Air suspended seat with heater and pneumatic lumbar adjustment	○
Automatic air suspended swivel seat, 2 heating levels, pneumatic lumbar, longitudinal & lateral shock absorber, dual motion backrest and DDS	○
Mechanical cab suspension	●
Active mechanical cab suspension	○
Aerial and Speakers (less radio)	○
Radio/Front Aux-in/Bluetooth/USB connector,with integrated controls in armrest	●
<b>B</b> Radio & Phone interface via the Datatronic 5.9" touchscreen terminal	○
Telescopic double angle mirrors with electric adjustment and de-icing	○
SpeedSteer	●
Radar and slip control	●
<b>C</b> 16 Work lights package - with daytime running LED signature	○

- Not available
- Standard specification
- Optional

	EFFICIENT
<b>OPERATOR ENVIRONMENT</b>	
<b>MF TECHNOLOGIES</b>	
MultiPad with ISOBUS implement control assignment	●
<b>D</b> MF Guide	○
MF Section Control - 96 section control	○
MF Connect with 5 years subscription	○
MF rate control	○
<b>CHASSIS AND HYDRAULICS</b>	
Front axle suspension (Dyan-6)	○
Front axle suspension (Dyna-VT)	●
Electrical controls of spool valves 1 & 2	●
Mechanical control of spool valves 3 & 4	●
Electro hydraulic multifunction joystick	●
Power Beyond with couplers	●
Rear linkage with Active Transport Control	●
Automatic PTO	●
Electronic PTO speed selection	●
Automatic 4WD & differential lock	●
Rear hydraulic three-point linkage	●
Integrated front linkage (capacity of 3200 kg or 4000 kg depending on model)	○
Integrated Front PTO	○
<b>CONVENIENCE</b>	
Automatic isolator switch	●
Standard toolbox	●
External lift control on fenders	●
External PTO start/stop control on fender	●
External remote valve control on fender	●
<b>OTHER EQUIPMENT</b> <b>(SPECIFICATIONS MAY VARY BY MARKET)</b>	
Pivoting front fenders	●
Pneumatic trailer brakes	○
Hydraulic trailer brakes	●





## TECHNICAL SPECIFICATIONS

		<b>MF 7S.155</b>	<b>MF 7S.165</b>	<b>MF 7S.180</b>	<b>MF 7S.190</b>	<b>MF 7S.210</b>
<b>ENGINE</b>						
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 & Dyna-VT		Vistronic				
Maximum power	ISO hp (kW)	155 (114)	165 (121)	180 (132)	190 (140)	210 (154)
Engine rpm at maximum power	rpm	1,950				
Maximum torque @ 1,500 rpm	□ Nm	700	725	750	850	860
Maximum power with EPM	hp	175 (129)	185 (136)	210 (154)	220 (162)	220 (162)
Maximum torque with EPM @ 1,500 rpm	Nm	750	800	860	925	925
Fuel tank capacity	Litres	305				
<b>DYNA-6 TRANSMISSION</b>						
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)			-	
<b>DYNA-VT TRANSMISSION</b>						
Type		-			Stepless, Continuously variable transmission	
Field speed range	km/h	-			Forward: 0.03-28 km/h - reverse: 0.03-16 km/h	
Road speed range	km/h	-			Forward: 0.03-40 km/h - reverse: 0.03 to 28 km/h	
<b>REAR LINKAGE AND HYDRAULICS</b>						
Lower links type	Cat	Cat 3				
Maximum lift capacity, at link end	kg	7,100/8,100			9,600	
Standard hydraulic system	L/mn	Load sensing 110 L/min			Load sensing 110 L/min	
Optional hydraulic system	L/mn	Closed Centre Load Sensing 150 L/min			190 L/min	
Maximum number of rear spool valves		4			4	

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	MF 7S.190	MF 7S.210
<b>REAR POWER TAKE-OFF</b>						
Engine speed at		1,980 / 2,030			-	
540/1000	rpm					
540/540 Eco/1000/1000 Eco	rpm	1,980 / 1,530 / 2,030 / 1,570			1,870 / 1,500 / 1,900 / 1,530	
Shaft diameter	Inches	1 3/8" 6 & 21 splines				
<b>INDEPENDANT FRONT LINKAGE AND FRONT POWER TAKE-OFF</b>						
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				
<b>WHEELS AND TYRES</b>						
<b>(FULL RANGE AVAILABLE. PLEASE CONSULT YOUR DEALER)</b>						
Front		480 / 65 R28				
Rear		600 / 65 R38				
<b>WEIGHTS</b>						
<b>(MAY VARY DEPENDING ON CONFIGURATION. PLEASE CONSULT YOUR DEALER)</b>						
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			12,500	14,000

## DIMENSIONS

		MF 7S Dyna-6	MF 7S Dyna-VT	
A	Wheelbase	m	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	2,144
D	Total height	mm	2,985	3,019





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