# IAS – 210 HP A STRAIGHTFORWARD AND DEPENDABLE FARMING EXPERIENCE

10 × 010



BORN TO FARM

MASSEY FERGUSON

### **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 arable 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.

On the MF 7S, the engine, the transmission, the steering, the PTO and the hydraulics work together in perfect harmony to complete your farming tasks efficiently. This partnership offers easy and precise operation when driving on the road and manoeuvring in the field and farmyard.

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

# POWERFUL DESIGN TO INCREASE PRODUCTIVITY

MF75

CAL STON

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 to ensure you make the most of this sophisticated tractor, and the new MF grey sabre. Inspired by Massey Ferguson's while improving comfort and ease of use for the operator. 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 productivity with EPM extra power for when it's most needed, helping you get the job done more efficiently.

The latest smart farming technology, including from ISOBUS, MF Guide, MF Rate and Section Control, combine

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 MADE TO MAXIMISE UPTIME & CONNECTIVITY A NEW ERA OF SERVICES & CUSTOMER SUPPO A Main C. P. Main C. Main C. Main C. Main C. 26 MADE FOR PERFORMANCE ENGINE POWER EFFICIENCY **IVE FOR COMFORT** HIGH EFFICIENCY TRANSMISSIONS

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### timate 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.

- A choice of two specification levels will meet your every need.
- The new armrest provides best in class controls and ergonomics.
  - Up to 16 LED work lights.

#### Low cost of operati

MASSEY FERGUSON

- Simple Tier 2 system cuts ownership costs and improves visibility.
- Easy access for daily maintenance.

# 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 Tier 2 emissions, 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 SIX MODELS TO CHOOSE FROM, THE MF 7S IS ALWAYS THE BEST CHOICE

	MF 7S.145	MF 7S.155	MF 7S.165	MF 7S.180	MF 7S.190	MF 7S.210
Engine	AGCO Power – Tier 2 technology					
Engine capacity	6-cylinder, 6.6 litre					
Transmission	Dyna-6 –					
	 Dyna-VT					
Maximum Power	145	155	165	180	190	210
Maximum Power with EPM (hp)	165	175	185	210	220	220
Maximum Torque @ 1,500 rpm (Nm)	660	700	725	750	850	860
Maximum Torque @ 1,500 rpm with EPM (Nm)	700	750	800	860	925	925

Straightforward, smart, 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 TaskDoc Pro creates and sends securely detailed records of jobs to the office and preferred partners through the secured TaskDoc Server.
- 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 five spool valves to the rear and three 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.

#### fficient 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 origins of modern tractor design, the Massey Ferguson cab has been renowned for excellence, and the MF 7S moves that legacy a step forward. It's something we work hard for, so you can sit and reap the benefits when days go on and on, in a very productive environment that blends comfort, quietness, ease of use and quality.

ISSEY FERGUSON

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 smarter with implements and drive safely on the roads with 360° cab visibility.









Whatever your operations, make the tractor your own

# MADE FOR OPERATORS

#### THE BETTER EQUIPPED A TRACTOR IS FOR THE JOB IN HAND, THE **EASIER AND MORE EFFICIENTLY** THE JOB CAN GET DONE.

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 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 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.







CAB SUSPENSION brings extra comfort. Two types of cab suspension are available - mechanical and active mechanical. Both systems offer unprecedented levels of cab comfort.

he 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.

SIDE MIRRORS feature an adjustable top and lower section offering the best view during transport and reduce blind spots. Options include: electric de-icing and electronically adjustable mirrors.



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 Exclusive ....and controls are easily accessible on the armrest. version (optional on Efficient version)...





#### ESSENTIAL VERSION

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

#### EFFICIENT VERSION

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

#### **OPTIONAL ON EFFICIENT** VERSION\*

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

# MADE FOR **COMFORT**

Essential is the entry-level for the MF 7S Series, but it 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

	<b>COMFORT &amp; SAFETY</b>	EFFICIENCY	CONNECTIVITY
STANDARD	Brake-to-neutral	Control Centre with T-lever	MF Connect Telemetry-ready with
	Air-conditioning with manual	transmission operation	5-year subscription
	adjustment	Dyna-6 Super Eco with standard	
	Telescopic, wide-angle wing mirrors	Automatic Mode	
	2 USB ports	Engine speed memory A	
	Standard air-suspended seat	Dyna-6 Super Eco 40 km/h Eco	
		transmission*	
		Closed Centre Load Sensing	
		Hydraulics	
		3 mechanical spool valves	
PTION	Mechanical cab suspension	Integrated Front Linkage System	Fieldstar 5 terminal
	Suspended front axle	and PTO	ISOBUS
	Panoramic cab with polycarbonate	540 & 1000, 540 Eco & 1000 Eco	MF Guide system with Advanced
	right-hand side window	rear PTO	guidelines
	Radio/ CD / MP3 Front Aux-in /	Dyna-6 Eco 50 km/h transmission*	MF Section & Rate Control
	Bluetooth with microphone	Loader ready from factory with	MF TaskDoc & MF TaskDoc Pro
	Automatic air-suspended seat	Multifunction mechanical joystick	recording all job's data exchange
		4 mechanical spool valves	MF Next Management FMIS

#### IECHANICAL MULTIFUNCTION DADER JOYSTICK MAIN FUNCTIO

→ 3rd and 4th

functions

Gear/range change

 $\square$ 

Forward/

reverse shift

A Lift	
B Lower	
C Fill	
D Dump	

COMBINED FUNCTIONS A/C Lift and fill A/D Lift and dump B/C Lower and fill B/D Lower and dump-bucket adjustment to horizontal position

\* Depending on market/legislation



# 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.



# MADE FOR **COMFORT**

Efficient is the medium specification package for the MF 7S Series, designed to help you work smarter and get better results.

Dedicated to delivering increased productivity thanks to its key features, the Efficient package enables you to work faster, to a higher standard, with more accuracy, together with high levels of comfort, ergonomics and reliability. Stay in control of the most technologically advanced and demanding implements to take advantage of their increased productivity.



#### **EFFICIENT VERSION**

ADVANCED EQUIPMENT TO HEIGHTEN YOUR EFFICIENCY AT WORK

	COMFORT & SAFETY	EFFICIENCY	CONNECTIVITY
STANDARD	Suspended front axle	Dyna-6 with Automatic Mode or Dyna-VT	MF Connect Telemetry-ready with 5-year
	Mechanical cab suspension	40 km/h Super Eco transmissions	subscription
	Air conditioning with manual adjustment	Cruise Control and Brake-to-Neutral	
	Telescopic, wide-angle wing mirrors	Closed Centre 110 I/min hydraulics	
	Armrest with new MultiPad lever	Electrical and mechanical spool valves	
	Radio/ CD / MP3 Front Aux-in / Bluetooth	Engine speed memo A or B	
	with microphone and controls in armrest	2 electrical spool valves with electrical	
	2 USB ports	micro-joystick and 2 mechanical spool	
	Automatic air-suspended seat	valves	

#### EFFICIENT ELECTRO HYDRAULIC Multifunction Joystick

A Lift front linkage or rear valve control +	
B Lower front linkage or rear valve control -	
C Front or rear valve control +	
D Front or rear valve control -	

#### OPTION

 Mechanical active cab suspension

 Automatic Air Conditioning

 16 LED working Lights

 SpeedSteer

 Heated, electric-adjust mirrors

 Automatic air suspended swivel seat, with

 lateral suspension, Dynamic Damping

 System

50 km/n <sup>*</sup> Dyna-6 Eco with Supercreeper
or Dyna-VT
ntegrated Front Linkage System and
1,000 rpm front PTO
_oader-ready from factory with
Multifunction Electrical joystick
Closed Centre Load Sensing hydraulics
with 150 or 190 I/min

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)
Fieldstar 5 terminal
ISOBUS
MF Guide system with Advanced
guidelines
MF Section & Rate Control
MF TaskDoc & MF TaskDoc Pro recording
all job's data exchange
MF Next Management FMIS

\* Depending on market/legislation



# MADE FOR SMART 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 and TaskDoc Pro.

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

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# **DATATRONIC 5**



Powered by Fuse<sup>®</sup> Smart Farming Solutions



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.

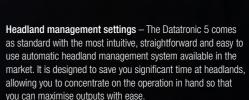


ISOBUS for total implement control – ISOBUS allows an implement manufacturer's control system to be displayed on the terminal screen, saving owners and operators time and money, with no need to install additional monitors in the cab. Simply plug the implement lead into the tractor's ISOBUS socket and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

# 

**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



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 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.

### **MFQUIDE** FUSE SYNCHRONISED

# MADE TO KEEP YOU ON TRACK

MF Guide is Massey Ferguson's full featured, hands-free steering system. MF Guide is capable of delivering sub-metre, decimetre and centimetre accuracy, increasing the efficiency of your farming operations.



# CHOICE OF **RECEIVERS & CORRECTION SIGNALS**

a'a

L 2 cm: NovAtel/Trimble RTK → 4-15 cm: NovAtel/Trimble optiona correction signals

30 cm: NovAtel/Trimble Standard

With the new Massey Ferguson MF Guide, there are now two different receiver systems available: NovAtel® and Trimble®. Existing Trimble® RTK infrastructures on the farm, su as NTRIP, can continue to be used. Talk to yo local Massey Ferguson Dealer or Distributor find out more. **RTK Correct** 



### 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...

# KEY BENEFITS FOR YOU



### 2% FUEL SAVING

Guidance systems are proven to save up to 12% 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.

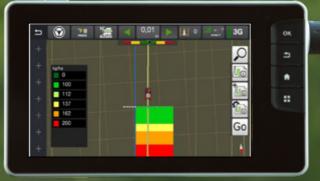


### COMFORT

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

# section control

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, across 3 booms and 5 applications. With the fully automatic Section Control for ISOBUS implements, operators can apply seeds, fertilizer 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.





#### Variable application with Variable Rate Control (VRC)

Data transfer with TaskDoc<sup>™</sup> Pro 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.





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 vis 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.

The **TaskDoc™ Pro** version, also enables recording of the GPS position data and data transfer in real-time via mobile through the secured TaskDoc Server. This makes automatic, seamless exchange with ISOXML-capable field management software and mapping possible. The data for the operating inputs that have been used are transferred and can also be monitored through the Datatronic 5 terminal while working.







This universal data exchange platform lets you connect machinery and your Farm Management Information System (FMIS), regardless of vendor or manufacturer. You can also determine who to exchange data with, and to what extent.

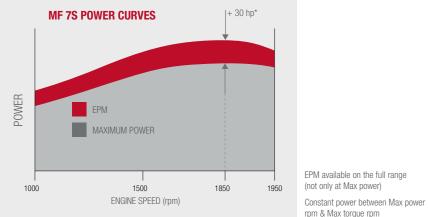
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# MADE FOR **Performance**

### THE PURE EXPRESSION OF POWER EFFICIENCY

The new MF 7S teamed up with the most mature engine Tier 2 technology on the market, the undisputed sustainable leader in heavy duty farming operations delivering class-leading power and torque, with best-in-class total cost of ownership.





-/j Combined with the HIGHLY EFFICIENT DRIVELINES, the engine is consistent and reliable, saving fuel, increasing efficiency and cutting costs **\$**\$\$ Engineering simplicity means easier maintenance, delivering lower cost of ownership  $\langle \rangle$ Long service intervals reduce running costs

24

# EFFICIENT SUSTAINABILITY

6.6-litre, 6-cylinder AGCO Power engines employ Massey Ferguson's exclusive, most advanced system to meet emission regulations. This is the most elegant, least intrusive option that does not impede visibility, requires easy maintenance and helps improve fuel economy.



FUEL SAVINGS by lower engine revs

<u>?</u>"

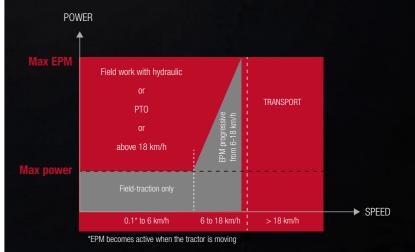
LOW NOISE

EPM

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

25

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.



### 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 continuouslyvariable transmission, 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 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 settings

Transmission mode + selection I/ II



# POWER CONTROL LEVER

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



#### YOU CAN:

- shuttle between forward  $\uparrow$ /reverse  $\uparrow$
- shift speeds and ranges: up 1 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.

Km/h

RANGE

(Gears A-F)

\*Overseas model shown.

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 either 40 km/h or 50 km/h\* achieved at low engine speeds.

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

### Automatic mode is standard on all MF 7S tractors with Dyna-6 transmissions. This advanced control automatically selects the correct ratio to suit the engine load and prevailing conditions.

DYNA-6 TRANSMISSION

RANGE :

(Gears A-F

FIELD WORKING RANGE

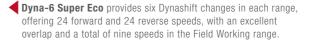
RANGE 4

(Gears A-F)

RANGE 3

(Gears A-F)

Automatic mode's standard feature helps cut costs, with maximum speed achieved at a very low engine speed to save fuel (40km/h @ 1,500rpm, 50km/h @ 1,800rpm, depending on tyres).



\* Depending on market/legislation.

#### DYNA-6 BENEFITS AT A GLANCE

- ▶ 0.08 to 40 km/h or 50 km/h\* with Supercreeper
- Maximum productivity with 24 forward and 24 reverse speeds, all changed without using the clutch
- Power Control lever offers three functions in one forward/reverse shuttle, declutch and speed shifting
- Nine speeds in the Field Working Range
- Pedal mode Automatic mode with Automatic setting
- Brake-to-Neutral with direct activation disengages transmission with braking
- ► Supercreeper speeds as option (48x48)
- Super Eco as standard





### 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.

- > Stepless transmission brings complete operator's comfort and optimum fuel efficiency at all times
- ► Simple, infinite speed control, from 0.03 speeds to 40 km/h or 50 km/h\* available with 40 km/h Super Eco or 50 km/h\* Eco
- The choice of two speed ranges optimises torque for different applications
- Lever, 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

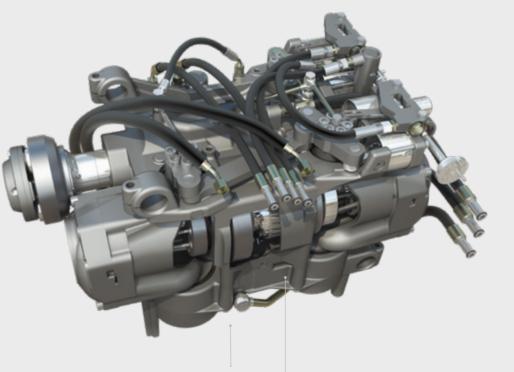


Speeds from 0.03 km/h to 40 km/h or 50 km/h\*



HIGH COMFORT

Stepless transmission



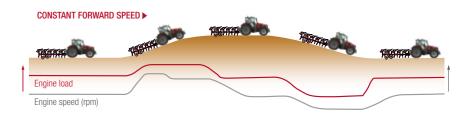


# ULTIMATE COMFORT. **STEPLESS** TRANSMISSION.

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.

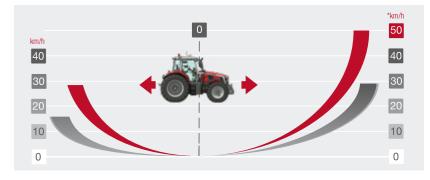
The original Dyna-VT transmission is a true testament to precision engineering; guaranteed productivity, complete operator comfort and optimum fuel efficiency at all times. Further, consistent enhancements such as Automatic mode make it the most intuitive CVT transmission on the market.

### 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 to 50 km/h\*.

\*Depending on market legislation

# 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.

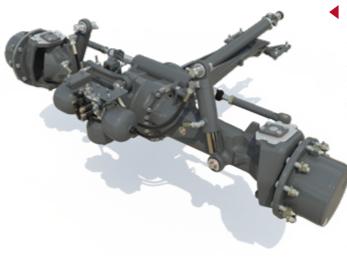
FOR THE PERFECT **POWER AND SOIL** PRESERVATION.

PERFECT WHEELBASE Wheelbase length is 2.88 m offering improved stability with or without a heavy implement, maintaining high levels of traction in the field and increased comfort in transport.

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.

### **BALLASTING** FOR FLEXIBILITY

To deal with intensive traction work or counter ballast (front or rear), sometimes you need extra weight, so a wide choice of ballasts is available. The MF 7S is available from the factory with additional front and rear weights to exactly match your needs.



### MANOEUVRABILITY

4.93 m

urning radiu

Great manoeuvrability helps improve productivity when turning on the headland in the field as much as it does for loader operations or negotiating narrow roads. The sculpted chassis design and waspwaisted bonnet deliver one of the best turning circles on the market, along with superb visibility.

#### FRONT AXLE SUSPENSION

Improved comfort and safety for transport applications and greater traction is delivered by an innovative front suspension option. The simple design produces superior ride comfort, turning angle and offers the full angle of oscillation as well as maximising ground clearance. The long 140 mm stroke provides the best comfort in the market.

\* Track width 1.9 m

- 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 are placing more and more demands upon the tractors that power them, which are asked to perform faster and respond better. The MF 7S comes with immense capabilities to easily handle heavy-duty applications with outstanding lift and drive capacities for the very latest implements. The MF 7S is a tractor which is powerful, full of torque and nimble capabilities. Perfect if you are looking for a machine with unbeatable power take off, for outstanding operation and performance when working with the most advanced implements.



Hydraulic energy to power the most demanding tasks

5



# MADE FOR HARDA

#### UP TO 190 LITRES/MIN

On MF 7S tractors with Dyna-6 Super Eco transmission, standard closed centre hydraulics offer a 110 litres/min load sensing system and 150 litres/min as an option.

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 flowrates at low engine-speeds and maintain high output with economy.

HYDRAULIC FLOW COMPATIBILITY	LS:	LS:	LS:	
(l/min)	110	150	190	
MF 7S Dyna-6 (Essential)	•	-	-	
MF 7S Dyna-6 (Efficient)	•	0	-	
MF 7S Dyna-VT	•	-	0	

Standard specification O Optional - Not available LS = Load Sensing



Up to

front spool valves and free return.

Up to

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.

**[**]

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.



socket connects compatible implements

# Up to

ি

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 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 and Exclusive versions are equipped with electrical PTO speed selection for convenience.



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.

BUILT INTO THE CCLS SPOOL BLOCK IS A POWER BEYOND FACILITY that via additional flow and return pipes provides oil flow directly from the pump, enabling additional remote spool valves to be connected.





Up to

5 rear spool valves and free return with decompression lever

### OPERATE YOUR LOADER THE MASSEY FERGUSON WAY

When you buy a Massey Ferguson loader with your new MF 7S tractor, it can be specified fully MF loader-ready. Your tractor will come complete from the factory with the loader subframe, designed for maximum manoeuvrability and maintenance access, already built on so that it forms an integral part of the machine.

F	Non self-levelling (NZ only)			velling		
	MF FL.4227	MF FL.4323	MF FL.4327	MF FL.4621	MF FL.4624	
Model Compatibility						
MF 7S.155 - MF 7S.180*	7. •			•	•	
MF 7S.190 - MF 7S.210*			•	•	•	
Maximum Lift Height - Measured At Pivot Pin m	4.25	4.25	4.25	4.55	4.60	
Maximum Dump Angle At Maximum Height	57	57	57	53	54	
Maximum Rollback Angle At Ground Level deg.	48	48	48	52	49	
Lift Capacity To Maximum Height - 800 mm Pivot Pin	1,590	2,140	2,470	1,980	2,170	
Lift Capacity To 1.5 m Height - 800 mm Pivot Pin	2,110	2,350	2,700	2,110	2,460	
Breakout Force - 800 mm Pivot Pin kg	2,270	2,470	2,840	2,230	2,620	
Rollback Force At Ground Level - 800 mm From kg Pivot Pin	4,030	3,400	4,540	4,000	3,970	
Digging Depth mm	160	160	160	200	160	

\* MF FL 4227 / MF FL 4323 / MF FL 4327 must be specified with extended bearing box

The beauty of this joystick means you can go from forward to reverse and operate the loader at the same time, without taking your hand off the steering wheel.





The unique Multifunction joystick option makes it easy to control the loader, also providing another shuttle option, as well as the ability to adjust the tractor speed. Grabs and other implements are also easily operated thanks to proportional control of the third spool valve, while tipping or crowding an implement at the same time.

#### **LOADER OPERATION**

Joystick main functions:	
A. Lift	
3. Lower	
C. Fill	
D. Dump	
E. Close	
- Open	

#### **COMBINED FUNCTIONS:**

A/C. Lift and fill A/D. Lift and dump B/C. Lower and fill B/D. Lower and dump A/E. Lift and close grab A/D/F. Lift and open grab

#### TRACTOR/LOADER COMBINATION HIGHLIGHTS

- Fully integrated MF FL loader now available factory-fitted to deliver ultimate performance
- Multifunction joystick option also changes direction and speed, providing total control
- Proportional control of a third spool valve enables operators to open/close a grab and tip or crowd an implement at the same time
- Highest visibility thanks to the smart profiled design of the bonnet and the dashboard
- Unrestricted manoeuvrability and access for maintenance
- Visio Roof option with Falling Object Protection (FOPS)
- Excellent manoeuvrability including tight turning angles, SpeedSteer
- New Bucket Shake function on Multifunction joystick
- New quick coupling system reduces pressure losses at high flows, quicker loader movement and saves fuel
- ► Hydraulic implement locking can be activated via the SIS
- New, standard Engine Speed Automation on the SIS menu allows operators to increase the engine speed according to the action on the joystick
- To further improve loading performance, there is a range of output and comfort enhancing features including high flow hydraulics and the Brake to Neutral function, which also disengages drive when the brakes are applied
- New MF E-Loader available as an option to optimise the use of the loader and to measure loading tasks from the Datatronic 5 touchscreen



# MADE TO MAXIMISE UPTIME

### ENHANCED TRACTOR OWNERSHIP EXPERIENCE & COMPLETE PEACE OF MIND







### CONNECTED ANYWHERE. ANY TIME.

### STANDARD 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.

\*Machine needs to be registered for MF Connect with in 18 months of build date to take advantage of the 5 year FOC offer

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's no cut-off time for Parts and Service because a machine may be out of service. We're available to you throughout your ownership of your Massey Ferguson machine.

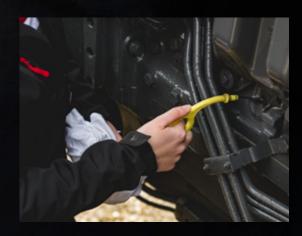
We take great pride and responsibility in every machine we sell and we make it our mission to keep your machinery running reliably, every time you turn the key.

#### 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.



Engine air filter is easy to access and clean.



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

#### **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'll get expert service from your Massey Ferguson Dealer who has all the necessary installation tools and knowledge at their fingertips.



Easy access to remove the cab air filter for cleaning.



Plenty of room to access radiator for cleaning.

# MFSErvices

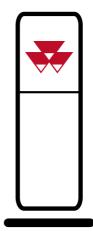
## ALWAYS BY YOUR SIDE TO **INCREASE YOUR PROFIT AND** EFFICIENCY

WELCOME TO MF SERVICES – EVERYTHING YOU NEED TO SUPPORT THE OPERATION OF YOUR MF 7S TRACTOR.

Accessible and adaptable, MF Services will help you control running costs, budgeting and business planning - ensuring each machine's operating hour is a success and giving you the freedom to focus fully on the core business of farming.

This comprehensive suite of service-related-products makes it easier than ever to own and operate Massey Ferguson farm equipment.

Your MF Dealer represents the best farm machines expertise in your area. You can always turn to your dealer and receive the best service from sales, maintenance, repair and spare parts to the purchase of a new piece of equipment.











### **MASSEY FERGUSON DEALER NETWORK**

### MORE THAN 4,700 SERVICE & **REPAIR POINTS WORLDWIDE**

### **MASSEY FERGUSON GENUINE PARTS**

**REPRESENTS THE BEST GUARANTEE** OF SAFEGUARDING THE VALUE OF YOUR NEW MF 7S OVER TIME. PROTECTING IT FROM UNPLANNED DOWNTIME.

Choose from an extensive range of accessories including lubricants. AdBlue, care kits, cab accessories and much more. All accessories are available for purchase exclusively from your MF Dealer.

Using the smartphone app "AGCO Parts Books to go", you can find MF spare parts guickly and easily and order them directly. The app is available for download in the App Store and in the Google Play Store. Your personal access data is available from your MF Dealer.



### AGCO FINANCE

**PROVIDES THE PERFECT** FINANCING ARRANGEMENT FOR YOUR BUSINESS.

AGCO Finance is the integrated financial services arm of Massey Ferguson offering tailor-made solutions to your own farm, which includes Leasing, Loan facilities, Hire purchase, Full service packages and Contract hire.

### **MASSEY FERGUSON** COLLECTION

NOW YOU CAN LOOK AS STYLISH AS YOUR MASSEY FERGUSON

Looking for a cap to match your MF 7S.. Or a stylish and durable overall to keep working? We have an exclusive range of high quality products to suit you, your farming activity, your family and your lifestyle.

To find out what we have available please login to our online Shop:

Shop.MasseyFerguson.Com

For the above support packages, country terms and conditions apply. Please note all packages may not be available in all markets.

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

	ESSENTIAL	EFFICIENT
ENGINE		
AGCO POWER - 6.6 litre		
Tier 2 technology		
TRANSMISSION		
Power Control - Multifunction shuttle lever	•	
Right hand shuttle control		
T-Lever on console	$\bullet$	
A MultiPad lever on Command Control Armrest		•
Dyna-6 Super Eco 40 km/h (40 km/h @ 1,500 rpm)	•	•
Dyna-6 Eco 50 km/h* (50 km/h @ 1,800 rpm)	0	0
Dyna-VT Super Eco 40km/h or Eco 50km/h with automatic Mode	-W	0
C1 & C2 Cruise speed memories	-	
Brake to Neutral - Clutch effect	•	•
OPERATOR ENVIRONMENT		
Air conditioning with manual adjustment	•	•
Air conditioning with automatic control		О
Air suspended swivel seat	•	
Air suspended seat with heater and pneumatic lumbar adjustment	-	0
B Automatic air suspended swivel seat, 2 heating levels, pneumatic lumbar, longitudinal & lateral shock absorber, dual motion backrest and DDS		0
Mechanical cab suspension	0	•
Active mechanical cab suspension	-	0
FM or DAB + (Digital) Radio, CD, MP3, Bluetooth connection, USB & front auxiliary	0	•
Radio - controls in the armrest	-	•
C Radio & Phone interface via the Datatronic 5 9" touchscreen terminal	-	0
Telescopic double angle mirrors with electric adjustment and de-icing		0
SpeedSteer	0	0
Radar and slip control	0	0
16 Work lights package - with daytime running LED signature	О	0







Not available
 Standard specification
 Optional
 Depending on market legislation







	ESSENTIAL	EFFICIENT
OPERATOR ENVIRONMENT		
MF TECHNOLOGIES		
MultiPad with ISOBUS implement control switch assignment	-	
MF Guide	О	0
B NovAtel receiver - From sub-metre to centimetre precision	О	O
F Trimble receiver - From sub-metre to centimetre precision	О	0
MF Section Control - 36 section control	О	
MF TaskDoc Pro - Wireless data transfer	О	O
CHASSIS AND HYDRAULICS		
Front axle suspension	О	•
Mechanical control of spool valves	•	•
Electrical controls of spool valves	-	•
Electro hydraulic multifunction joystick	-	0
Coader ready tractor with multifunction joystick (mechanical control)	О	-
Power Beyond with couplers	О	
Rear linkage with Active Transport Control	•	•
Automatic PT0	•	•
Mechanical PTO speed selection	•	-
Automatic traction management (4WD & differential lock)	•	•
Hydraulic top link on rear three-point linkage	О	0
Integrated front linkage (capacity of 3200 kg or 4000 kg depending on model)	О	0
Integrated Front PTO	О	O
CONVENIENCE		
Automatic isolator switch	$\bullet$	•
Standard toolbox	$\bullet$	•
External lift control on fenders	•	•
External PTO start/stop control on fender	•	•
External remote valve control on fender	-	•
(SPECIFICATIONS MAY VARY BY MARKET) Pivoting front fenders	0	
Produing front renders Pneumatic trailer brakes*	0	- <u> </u>
	• •	O
Hydraulic and Pneumatic trailer brakes* ABS socket dedicated to trailer brakes		
ABS SOCKET DEDICATED TO TAKES	0	O

### TECHNICAL SPECIFICATIONS

ENGINE		ME 7S 145	ME 7S 155	ME 7S 165	MF 7S 180	ME 75 190	ME 75 210
Engine Type		AGCO POWER Tier 2 technology					WI 10.210
Number of cylinders/Number of valves/Capacity	No. /No./cm3	6 / 4 / 6.600					
Aspiration	110. / 110./ 0110	Electronic wastegate turbo and intercooler					
Injection type		Common rail					
Fan type - Transmission Dyna-6 & Dyna-VT		Vistronic					
Maximum power	SO hp (kW)	145 (107)	155 (114)	165 (121)	180 (132)	190 (140)	210 (154)
Engine rpm at maximum power	rpm	140 (107)	100 (114)	1,9	· · · /	130 (140)	210 (104)
Maximum torque @ 1,500 rpm	• Nm	660	700	725	750	850	860
Maximum power with EPM	hp	165 (121)	175 (129)	185 (136)	210 (154)	220 (162)	220 (162)
Maximum torque with EPM @ 1.500 rpm		700	750	800	860	925	925
Fuel tank capacity	Litres	305					320
DYNA-6 TBANSMISSION							
Number of gears (Fwd x Rev)	Fwd x Rev	24 x 24 -					
Min. speed @ 1,400 rpm	km/h	1.09					
40 Eco / Super Eco km/h at engine speed with max. tyre dimension	rpm	1,500 (with 650/65 R42)					
50 km/h* Eco at engine speed with max. tyre dimension		1.800 (with 650/65 R42)					
DYNA-VT TBANSMISSION	<u></u> _	1,000 (mill 030/03 1142)					
Туре		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 / Forward: 0.03-50 km/h - reverse: 0.03 to 28 km/h*					
BEAR LINKAGE AND HYDRALLICS							
Lower links type	Cat	Cat 3					
Maximum lift capacity, at link end		7.100/8.100/9.600 8.100/9.600			9,6	:00	
Standard hydraulic system		Load sensing 110 L/min					
Optional hydraulic system		Closed Centre Load Sensing 170 L/min					
Maximum number of rear spool valves		4/5 (Dyna-VT)					
		4/3 (Dyna-v T)					

ISO 14396

- Not available

\* Depending on market legislation

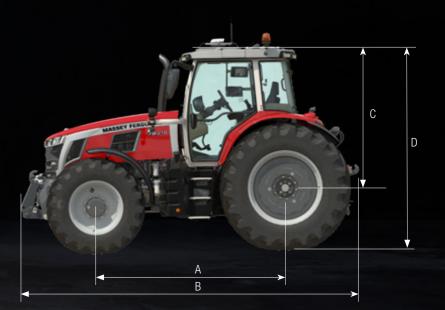
Every effort has been made to ensure that the information contained in this publication is as accurate and current as possible. However, inaccuracies, errors or omissions may occur and details of the specifications may be changed at any time without notice. Therefore, all specifications should be confirmed 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	
REAR POWER TAKE-OFF							
Engine speed at							
540/1000	rpm		1,980 / 2,030			-	
540/540 Eco/1000/1000 Eco - Dyna-6	rpm	1,980 / 1,530 / 2,030 / 1,570 -			-		
540/540 Eco/1000/1000 Eco Dyna-VT	rpm	1,870 / 1,500 / 1,900 / 1,530					
Shaft diameter	Inches	1 3/8" 6 & 21 splines					
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		380/85 R28	420/85 R28	480/70 R28			
Rear		460/85 R38	520/85 R38	580/70 R38			
Optional rear tyres		710/70 R38 710/60 R42 - Wide choice available, contact your local Massey Ferguson Dealer					
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	12,500			14,000		

\* Depending on market legislation

### 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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MASSEY FERGUSON

ANZ P/N MK001MF7SV01