

# MF 8S

205–265 HP

**A NEW ERA FOR STRAIGHTFORWARD  
AND DEPENDABLE TRACTORS**



MASSEY FERGUSON



# MF 8S

A New Era for Straightforward and Dependable tractors from Massey Ferguson



We began the MF 8S project with a blank page. At the heart of it was the global 'Voice of the Customer' study; an in-depth, one-to-one interview with customers and operators in several countries across the globe.

Key feedback from you, the customer, underlined the need for comfort, ease of use, value for money, excellent reliability, intuitive and convenient controls, efficiency transmitting maximum power to the ground, 100% connectivity and the ability to work with the most demanding implements.

It was an exciting and inspirational project for all those involved and an opportunity to build on Massey Ferguson's strong heritage of straightforward, dependable machines.

The result: a Massey Ferguson tractor for a new era. The MF 8S.





### Efficient drive-lines bring higher productivity and efficiency

New Dyna-7 powershift transmissions and Dyna E-Power dual clutch transmission offering speed changes without torque interruption. Both transmissions come with Engine Power Management to deliver more power when it's needed most.

Perfect engine/transmission combinations provide maximum output and more power efficiency reducing power loss by up to 26%.

### The next level of space, comfort, ergonomics and connectivity

The quietest cab on the market with a noise level of only 68dB offering 360° visibility. Cab and front axle suspension improves driving comfort while the new MF vDisplay Digital dashboard provides all needed information at a glance. The new armrest offers best in class control of all the tractor's operations.

### 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.

### Low cost of operation

- ▶ Engine efficiency - max power and torque at low engine revs cuts fuel consumption by 10% and reduces noise level.
- ▶ Maintenance free components.
- ▶ Easy access to daily maintenance.
- ▶ MFCare Repair and maintenance contract schemes.

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

- ▶ 9" touch screen 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 creates and sends securely detailed records of jobs to the office and preferred partners through the secured Agrirouter cloud.
- ▶ MF Connect telemetry enables remote and near real time monitoring and decision making, improving efficiency and maximising uptime.



# Standard and optional equipment by version



A



B



D

	Efficient	Exclusive
<b>Engine</b>		
6 cylinders AGCO POWER Stage 5	●	●
Engine with memorised speed control	●	●
HLA (Hydraulic Lash Adjustment)	●	●
Extra idle engine speed (700 rpm)	●	●
Engine Block Heater	○	○
<b>Transmission</b>		
Power Control shuttle	●	●
Right hand shuttle	●	●
<b>A</b> Multipad on Armrest		
Dyna-7 - 40Km/h Super Eco - Speedmatching & Autodrive	●	●
Dyna-7 - 50Km/h Super Eco* - Speedmatching & Autodrive	○	○
Dyna E-Power - 40Km/h Eco - Speedmatching & Autodrive	●	●
Dyna E-Power - 50Km/h Eco* - Speedmatching & Autodrive	○	○
Creeper (Dyna-7)	○	○
4 speed cruise control	●	●
Dynamic Braking System	●	●
ParkLock	●	●
<b>Operator Environment</b>		
Standard Air Conditioning with manual adjustment	●	-
Automatic Air Conditioning with multi-zone flow management	○	●
Roof hatch	●	●
Automatic Air Suspended Swivel Seat, heated, lateral damping	●	○
<b>B</b> Semi Leather Automatic Air Suspended Swivel Seat - heated, ventilated, lateral damping	○	●
Auxiliary Seat with Seatbelt	●	●
Mechanical cab suspension	●	○
Active mechanical cab suspension	○	●
Radio/Front Aux-in/Bluetooth/USB connector - with integrated micro - Controls in armrest	●	●
Radio/Front Aux-in/Bluetooth/USB connector/DAB+ - with integrated micro - Controls in armrest	○	○
Telescopic Wide Angle Mirrors with Electrical de-icing & Adjustment	○	●
Right hand side wash wipe	○	○
De-icing system on rear window	○	○
Adjustable Steering Column with Memory tilt	●	○
Adjustable Steering Column with Memory tilt & Speedsteer	○	●
Radar and slip control	○	●
<b>C</b> Digital MF vDisplay		
<b>D</b> Datatronic 5 touch screen terminal 9" (Tractor settings management, ISOBUS, Camera ready & AG compatible)	○	●
Fieldstar 5 touch screen terminal 9" (ISOBUS, camera ready & AG compatible)	○	○
Trailer steering axle management	○	●
Dual Control	○	●
Headland Management System	○	●



C

- Not available
- Standard specification
- Optional
- \* Depending on market legislation

	Efficient	Exclusive
<b>Technology</b>		
ISOBUS capability & rear connector	<input type="radio"/>	<input checked="" type="radio"/>
Front ISOBUS plug	<input type="radio"/>	<input type="radio"/>
MF Guide Ready	<input type="radio"/>	<input checked="" type="radio"/>
MF Guide Novatel SM / CM NTRIP / CM Radio & NTRIP with Go Mode	<input type="radio"/>	<input type="radio"/>
MF Guide Trimble SM / CM NTRIP / CM Radio & NTRIP with Go Mode	<input type="radio"/>	<input type="radio"/>
36 section control and VRC (5 Products)	<input type="radio"/>	<input type="radio"/>
Advanced Guidance line	<input type="radio"/>	<input type="radio"/>
<b>E</b> Integrated roof camera	<input type="radio"/>	<input checked="" type="radio"/>
Taskdoc Pro	<input type="radio"/>	<input type="radio"/>
Connectivity Module (ACM) for CAN Data Transfer - includes 3 year free subscription	<input checked="" type="radio"/>	<input checked="" type="radio"/>
<b>Chassis and Hydraulics</b>		
Full mechanical controls of spoolvalves	<input type="radio"/>	-
Electrical and mechanical controls of spoolvalves	<input checked="" type="radio"/>	-
Electrical controls of spoolvalves with decompression lever	-	<input checked="" type="radio"/>
Multifunction Joystick	<input type="radio"/>	-
Joystick	-	<input type="radio"/>
Micro joystick on Multipad	<input checked="" type="radio"/>	<input checked="" type="radio"/>
Loader subframe, electrical valve and joystick	<input type="radio"/>	<input type="radio"/>
Loader subframe & Hydraulic Kit SMS 3 <sup>rd</sup> Live	<input type="radio"/>	<input type="radio"/>
Free return	<input type="radio"/>	<input checked="" type="radio"/>
Power Beyond with couplers P/T/LS/D	<input type="radio"/>	<input checked="" type="radio"/>
150 l/min CCLS	<input checked="" type="radio"/>	<input checked="" type="radio"/>
205 l/min CCLS	<input type="radio"/>	<input type="radio"/>
<b>F</b> 205 l/min CCLS ECO	<input type="radio"/>	<input type="radio"/>
Electronic linkage controls with Active Transport Control	<input checked="" type="radio"/>	<input checked="" type="radio"/>
Auto PTO function	<input checked="" type="radio"/>	<input checked="" type="radio"/>
Electric PTO speed selection	<input checked="" type="radio"/>	<input checked="" type="radio"/>
Auto 4-Wheel-Drive and Auto DiffLock functions	<input checked="" type="radio"/>	<input checked="" type="radio"/>
Telescopic stabilisers	<input checked="" type="radio"/>	<input checked="" type="radio"/>
Automatic stabilisers	<input type="radio"/>	<input type="radio"/>
Hydraulic top link	<input type="radio"/>	<input type="radio"/>
Integrated front linkage system	<input type="radio"/>	<input type="radio"/>
Integrated Front PTO	<input type="radio"/>	<input type="radio"/>
<b>Electrical Equipment</b>		
Isolator Switch & Jump Start Post	<input checked="" type="radio"/>	<input checked="" type="radio"/>
External lift control on fenders	<input checked="" type="radio"/>	<input checked="" type="radio"/>
External PTO start/stop control on fender	<input checked="" type="radio"/>	<input checked="" type="radio"/>
External remote valve control on fender	<input checked="" type="radio"/>	<input checked="" type="radio"/>
<b>G</b> 16 LED worklights with signature lights	<input type="radio"/>	<input checked="" type="radio"/>
Automatic rear lights when reversing	-	<input checked="" type="radio"/>
<b>Other equipment (Specifications may vary by market)</b>		
Suspended front axle with locking	<input checked="" type="radio"/>	<input checked="" type="radio"/>
Pivoting front fenders	<input type="radio"/>	<input checked="" type="radio"/>
Pneumatic trailer brakes	<input checked="" type="radio"/>	<input checked="" type="radio"/>
Pneumatic and single line hydraulic trailer brakes with ABS socket	<input type="radio"/>	<input type="radio"/>



**E**



**F**



**G**

# Specifications

	<b>Engine</b>				
Engine Type	AGCO POWER				
No. of cylinders/no. of valves/Capacity	No. /No./cm <sup>3</sup> 6 / 4 / 7,400				
Bore / Stroke	mm/mm 108/134				
Aspiration	Turbo with electrical wastegate and intercooler				
Injection type	Common rail				
Fan type	Viscotronic				
Maximum hp	⊕ ISO hp (kW)	205(151)	225(165)	245(180)	265(195)
Engine rpm at maximum hp	rpm	1850			
Maximum torque 1,000–1,500 rpm	⊕ Nm	950	1,000	1,100	1,200
Maximum power with EPM	hp (kW)	225(165)	245(180)	265(195)	285(210)
Maximum torque with EPM 1,000–1,500 rpm	Nm	982	1,080	1,178	1,257
Max. power available @ PTO shaft (OECD, accuracy +/- 3%)	hp (kW)	186(137)	199(146)	216(159)	231(170)
Fuel tank capacity	litres	460			
AdBlue® tank capacity	litres	43			
Service interval	hours	600			
	<b>Transmission Dyna-7</b>				
Number of gears	fwd/rev	28/28			
Min. speed @ 1,500 rpm	km/h	1.8			
No. of speeds with creeper	fwd/rev	56/56			
Min. speed with creeper		190 m/h @ 1,500 rpm			
43 km/h SuperEco @ engine speed	rpm	1,350			
53 km/h* Eco @ engine speed	rpm	1,650			
	<b>Transmission Dyna E-Power</b>				
Number of gears (Fxd x Rev)	fwd/rev	28/28 in Autodrive			
Min. speed @ 1,500 rpm	km/h	1.9			
43 km/h SuperEco @ engine speed	rpm	1,300			
53 km/h* Eco @ engine speed	rpm	1,600			



<b>Rear Linkage and hydraulics</b>	
Lower links type	
Maximum lift capacity, at link end	
Hydraulic type & max flow	
Hydraulic type & max flow - Option 1	
Hydraulic type & max flow - Option 2	
Maximum pressure	
Maximum no. of rear spoolvalves	
<b>Power Take-Off (Rear)</b>	
<b>Engine speed</b>	
540/540Eco/1,000/1,000Eco	
Shaft diameter	
<b>Front linkage and Front Power Take-Off</b>	
Maximum lift capacity, at link end	
Maximum No. of front spoolvalves	
Engine speed at 1,000 front PTO speed	
<b>Wheels and Tyres (Full range available. Please consult your Dealer)</b>	
Front	
Rear	
<b>Weights (May vary depending on configuration. Please consult your Dealer)</b>	
Average minimum weight with no ballast, no accessories	
Maximum Gross vehicle weight*	

	<b>MF 8S.205</b>	<b>MF 8S.225</b>	<b>MF 8S.245</b>	<b>MF 8S.265</b>
CAT			Cat 3	
kg			10,000	
l/min			Closed Centre Load Sensing 150 l/min	
l/min			Closed Centre Load Sensing 205 l/min	
l/min			Closed Centre Load Sensing 205 Eco 205 l/min @ 1,650 rpm	
Bars			200	
			5	
rpm			1,867 / 1,499 / 1,903 / 1,528	
Inches			1 3/8" 6 & 21 splines	
Kg			4,800	
			2	
rpm			1,920	
			VF 600/70 R30	
			VF 650/75 R42	
kg			7,750	
kg			16,000	

ISO 14396 - Not available \* Depending on market legislation

## Dimensions

<b>MF 8S (all models)</b>			
A	Wheelbase	m	3.05
B	Overall length from front linkage to rear linkage arms	mm	5,375
C	Height at centre of rear axle to top of cab	mm	2,390
D	Total height	mm	3,665

Every effort has been made to ensure that the information contained in this publication is as accurate and current as possible. However, inaccuracies, errors or omissions may occur and details of the specifications may be changed at any time without notice. Therefore, all specifications should be confirmed with your Massey Ferguson Dealer or Distributor prior to any purchase.





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