

MF 8S

205-305 HP

A NEW ERA FOR
STRAIGHTFORWARD
AND DEPENDABLE
TRACTORS

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reddot winner 2021



MASSEY FERGUSON

BORN TO **FARM**

YOUR **MF 8S** AT A GLANCE

Your MF 8S is a tractor ahead of its time which outperforms on comfort, connectivity, ease of use, power efficiency, output, low cost of operation offering top reliability for fully maximised uptime and best return on investment.

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.

Low cost of operation

Engine efficiency - max power and torque at low engine revs cuts fuel consumption by 10% and reduces noise level

Automatic valve clearance setting

Easy access to daily maintenance

MFCare Repair and maintenance contract schemes

WITH SIX MODELS TO CHOOSE FROM, THIS IS ONE OF THE BEST CHOICES THAT YOU WILL MAKE.

	MF 8S.205	MF 8S.225	MF 8S.245	MF 8S.265	MF 8S.285	MF 8S.305
Engine	AGCO Power – Stage V – All-in-One technology					
Engine capacity	6 cylinder, 7.4 litre					
Transmission	Dyna-7 / Dyna-VT				Dyna-VT	
Max. power @ 1,850rpm	205hp	225hp	245hp	265hp	285hp	305hp
Max. power EPM	225hp	245hp	265hp	285hp	305hp	N/A
Maximum torque @ 1,000 - 1,500 rpm	950Nm	1,000Nm	1,100Nm	1,200Nm	1,260Nm	1,280Nm

Efficient drive-lines bring higher productivity and efficiency

Dyna-7 powershift transmissions offering incredibly smooth shifting raising comfort

The continuously-variable Dyna-VT transmission brings complete operator comfort an optimum fuel efficiency at all times

All three transmissions come with Engine Power Management to deliver more power when it's needed most

Perfect engine/transmission combinations provide maximum output

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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 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

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.

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TECHNICAL SPECIFICATIONS

Engine		MF 8S.205	MF 8S.225	MF 8S.245	MF 8S.265	MF 8S.285	MF 8S.305
Engine Type		AGCO POWER					
No. of cylinders/no. of valves/Capacity	No./No./cm	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)	285(210)	305(225)
Engine rpm at maximum hp	rpm	1,850					
Maximum torque 1,000–1,500 rpm	✦ Nm	950	1,000	1,100	1,200	1,260	1,280
Maximum power with EPM	hp (kW)	225(165)	245(180)	265(195)	285(210)	305(225)	-
Maximum torque with EPM 1,000–1,500 rpm	Nm	1,000	1,100	1,200	1,260	1,280	-
Max. power available @ PTO shaft (OECD, accuracy +/- 3%)	hp (kW)	186(137)	199(146)	216(159)	231(170)	249(183)	268(198)
Fuel tank capacity	litres	460 (500 with Dyna-VT)					
tank capacity AdBlue	litres	43					
Service interval	hours	600					
Dyna-7 Transmission							
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				-	
Dyna-VT Transmission							
Number of gears	fwd/rev	Continuously variable transmission					
Field speed range	km/hr	Forward: 0.03-28km/hr - Reverse: 0.03-16km/hr					
Road speed range	km/hr	Forward: 0.03-50km/hr* - Reverse: 0.03 to 38km/hr					
40 km/h SuperEco @ engine speed	rpm	1,400					
50 km/h* Eco @ engine speed	rpm	1,550					

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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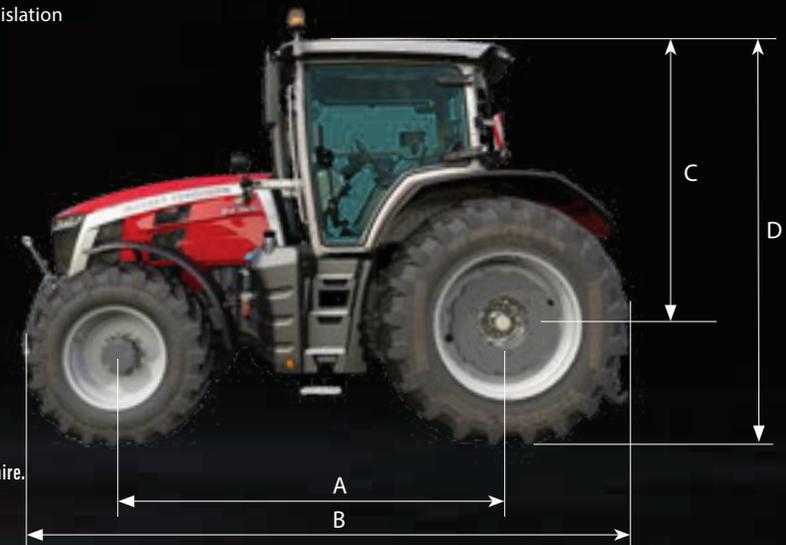
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		MF 8S.205	MF 8S.225	MF 8S.245	MF 8S.265	MF 8S.285	MF 8S.305
Rear Linkage and Hydraulics							
Lower links type	CAT	Cat 3					
Maximum lift capacity, at link end	kg	10,000					
Hydraulic type & max flow	l/min	Closed Centre Load Sensing 150 l/min (not available with Dyna-VT transmission)					
Hydraulic type & max flow - Option 1	l/min	Closed Centre Load Sensing 205 l/min					
Hydraulic type & max flow - Option 2	l/min	Closed Centre Load Sensing 205 Eco 205 l/min @ 1,650 rpm					
Maximum pressure	Bars	200					
Maximum no. of rear spool valves		5					
Power Take-Off (Rear)							
Engine speed							
540Eco/1,000 (Dyna-VT only)	rpm	1,577 / 1,882					
1,000/1,000 Eco (Dyna-VT only)	rpm	1,882 / 1,605					
540/540Eco/1,000/1,000Eco (Dyna-7 only)	rpm	1,867 / 1,499 / 1,903 / 1,528				-	
Shaft diameter	Inches	1 ³ / ₈ " 6 & 21 splines					
Front linkage and Front Power Take-Off							
Maximum lift capacity, at link end	kg	4,800					
Maximum no. of front spool valves		2					
Engine speed at 1,000 front PTO speed	rpm	1,920					
Wheels and Tyres (Full range available. Please consult your Dealer)							
Front		VF 600/70 R30 - 540/65 R30 (standard) - 710/55 R30					
Rear		VF 650/75 R42 - 650/65 R42 (standard) - 900/50 R42					
Weights (May vary depending on configuration. Please consult your Dealer)							
Minimum weight / average weight / maximum weight	kg	8,700 / 10,000 / 13,700					
Maximum Gross vehicle weight*	kg	16,000					

ISO 14396 - Not available * Depending on market legislation

DIMENSIONS

		Dyna 7	Dyna-VT
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 the top of MF Connect antennas	mm	2,390	2,410
D Total height	mm	3,390	3,410



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MADE FOR HARD WORK

UP TO 205l/minECO

Hydraulic efficiency is key for the overall performance of the tractor. MF 8S comes as standard with 150 l/min Closed Centre Load Sensing hydraulics with the option of 205 l/min and 205 l/min ECO offering the highest flow at low engine revs to save fuel.



Up to
2
front spool valves
and free return.



Up to
4,800 kg
lift capacity. Heavy duty Integrated Front Linkage System (IFLS) is available as an option and is designed to match the front suspension.



ISOBUS
socket connects compatible implements.



1,000 RPM
front PTO is available.

Combined with the front linkage 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.

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4 PTO

speeds as standard on Dyna-7 transmissions: 540/540 Eco & 1000/1000 Eco. 2 PTO speeds as standard on the Dyna-VT: 540 Eco /1000. Optional 1000/1000 Eco. Speeds are achieved at low engine rpm, further improving fuel economy and helping to reduce in-cab noise levels.



Up to

10,000 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 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

