

TRACTOR MODEL	MF8650	MF8660	MF8670	MF8680
<b>Engine Performance</b>				
PTO HP @ 2,200 rated engine rpm (kW)	205 (151)	225 (168)	250 (186)	275 (205)
ISO engine HP @ 2,200 rated engine rpm (kW)	240 (177)	265 (198)	290 (216)	320 (239)
Maximum ISO engine HP @ 2,000 engine rpm (kW)	270 (199)	295 (220)	320 (239)	350 (261)
<b>Engine</b>				
Rated speed (rpm)	2,200			
Maximum torque rise	54%			
Maximum power bulge	15%			
Type - standard	AGCO SISU POWER w/ e3 clean air technology			
- optional	AGCO SISU POWER IEGR			
Number of cylinder	6			
Aspiration	Turbocharged w/ air/air intercooler			
Type of cooling	Liquid cooling			
Displacement liters (CID)	8.4 (514)			
Compression ratio	16.7 : 1			
Fuel injection system	Bosch high pressure common rail, electronic injectors with variable injection timing and duration			
Fuel	Diesel			
Fuel filter	Replaceable oil filter			
Lubrication system	Gear pump at bottom of timing gear			
Starting aid	Thermostart			
<b>Electrical System</b>				
Alternator / battery (standard)	240 amps / 12V			
Alternator / battery (optional)	160 amps / 12V			
ISOBUS connector	50 amps			
<b>Transmission</b>				
Type	Dyna-VT with Dynamic Tractor Management (DTM) 25 mph (40 kph)			
Field speed range	0.02 - 17 mph Forward and 0.02 - 10 mph Reverse (0.03 - 28 km/h Forward and 0.03 - 16 km/h Reverse)			
Road speed range	0.02 - 25 mph Forward and 0.02 - 24 mph Reverse (0.03 - 40 km/h Forward and 0.03 - 38 km/h Reverse)			
Road speed range - 50 kph -optional	Optional - 0.02 - 30 mph Forward and 0.02 - 24 mph Reverse (0.03 - 50 km/h Forward and 0.03 - 38 km/h Reverse)			
Speed forward	Infinite			
Cruise control speeds	2			
<b>Brakes and Final Drives</b>				
Type of final drives	Inboard planetary			
Type of brakes	Wet disc			
<b>Rear Axle</b>				
4.33 x 118 in. (110 x 2,999 mm) long axle	Standard			
4.33 x 118 in. (110 x 2,999 mm) long axle with dual wheel provision	Optional			
4.33 x 118 in. (110 x 2,999 mm) long axle with dual wheel provision & spacers	Optional			
4.33 x 105 in (110 x 2,550 mm) short axle	Optional			
4.33 x 105 in (110 x 2,550 mm) short axle with dual wheel provision & spacers	Optional			
Differential lock - full-locking, electrohydraulic	Standard			
<b>Front Axle</b>				
2-wheel drive	N/A			
4-wheel drive differential lock	Standard - full-locking, electrohydraulic standard			
4-wheel drive engagement	Electrohydraulic			
4-wheel drive maximum steering angle	55°			
Quadlink front axle suspension	Optional			
Quadlink differential lock	Standard - full-locking, electrohydraulic			

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<b>Steering Wheel</b>				
Steering wheel	Tilt & telescopic			
SpeedSteer steering	Standard			
<b>Hydraulics</b>				
System type	Closed Center Load Sensing (CCLS)			
Total flow rate - US standard gallon (L)	46 (175)			
Maximum pressure PSI (bar)	2,900 (200)			
Available flow rate per spool valves gpm (L/min)	26.4 (100)			
Remotes - standard / optional	Standard - 2 fingertip spool valves and 2 joystick spool valves Optional - up to 4 fingertip spool valves and 2 joystick spool valves			
Hydraulic couplers	Decompression couplers with Connect / Disconnect under pressure function			
<b>Three Point Hitch - Rear</b>				
Category 3	Standard			
Category 4 (only with 20 spline shaft)	Optional			
Stabilizers	Sway block			
Maximum lift capacity at 24 in. (60 cm) lbs. (kg)	21,336 (9,678)			
<b>Three Point Hitch - Front (Optional)</b>				
Category 3	Standard			
Integrated front hitch	Standard with front three-point hitch			
Maximum lift capacity at link end lbs. (kg)	11,000 (5,000)			
<b>Drawbar</b>				
Category 3 with drop pin	Standard			
Category 3 heavy duty with drop pin	Optional			
Category 4 with drop pin	Optional			
<b>PTO</b>				
Speeds - standard rpm	1,000/1,000E			
Engagement	Electrohydraulic			
Shaft diameter in. (mm)	1¼ in. (45 mm) shaft, 20 spline			
Engine speed if PTO at 1,000 rpm	1,970			
Engine speed if PTO at 1,000e rpm	1,605			
<b>Operator Area</b>				
Cab glass area ft <sup>2</sup> (m <sup>2</sup> )	67.3 (6.22)			
Noise level dB(A)	71			
OptiRide hydraulic suspended cab	Standard			
OptiRide Plus hydraulic suspended cab	Optional			
Operator seat - air suspension	Standard			
Transmission control(s)	Right console / armrest			
Forward control(s)	Left hand control			
Control Center Display (CCD)	Optional			
<b>Guidance System</b>				
AUTO-GUIDE <sup>2</sup>	Optional			
<b>Dimension &amp; Weight*</b>				
Wheelbase in. (mm)	122 (3,100)			
Overall length in. (mm)	215.7 (5,480)			
Maximum height over cab in. (mm)	141 (3,584)			
Approx. shipping weight lbs. (kg)	24,250 (11,023)			
<b>Capacity</b>				
Fuel tank capacity US gallon (L) w/ e3 technology	155.9 (590)			
Fuel tank capacity US gallon (L)	182.3 (690)			
DEF (AdBlue) usable tank capacity US gallon (L) (optional)	8 (30)			

\* All dimensions measured with Dual 520/85R46 rear tires and 1480/70R34 front tires