



Meeting EPA standards, and exceeding yours.

New 8600 Series Tier 4i



Comply with everything. Sacrifice nothing.

Second generation Selective Catalytic Reduction (SCR)

New exhaust now includes SCR slip catalysts within the exhaust stack, providing a unique and efficient solution for emissions.

New Diesel Oxidation Catalyst (DOC)

Located beneath the hood, the DOC is conveniently positioned so it does not impede access or visibility for the operator. It is also maintenance free for complete peace-of-mind.

Improved monitoring of Nitrogen Oxide and exhaust temperatures ensures better accuracy of diesel exhaust fluid injection by actively changing the dosing rate depending on emission levels.



Second generation Selective Catalytic Reduction (SCR)

| MODELS | 8650 | 8660 | 8670 | 8680 | 8690 |
|---|--|-----------|-----------|-----------|-----------|
| Engine Performance | | | | | |
| PTO HP @ 2,200 rated engine rpm (kW) | 205 (151) | 225 (168) | 250 (186) | 275 (205) | 290 (216) |
| ISO engine HP @ 2,200 rated engine rpm (kW) | 240 (177) | 265 (198) | 290 (216) | 320 (239) | 340 (254) |
| Maximum ISO engine HP @ 2,000 engine rpm (kW) | 270 (199) | 295 (220) | 320 (239) | 350 (261) | 370 (276) |
| Engine | | | | | |
| Rated speed (rpm) | 2,200 | | | | |
| Maximum torque rise | 54% | | | | |
| Maximum power bulge | 15% | | | | |
| Type - standard | AGCO POWER® with e3 clean air technology | | | | |
| Number of cylinders | 6 | | | | |
| Aspiration | Turbocharged with air/air intercooler | | | | |
| Displacement liters (CID) | 8.4 (514) | | | | |
| Transmission | | | | | |
| 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 - 0.02 - 30 mph Forward and 0.02 - 24 mph Reverse (0.03 - 50 km/h Forward and 0.03 - 38 km/h Reverse) | | | | |
| Front Axle | | | | | |
| 4-wheel drive differential lock | Standard - full-locking, electrohydraulic | | | | |
| 4-wheel drive maximum steering angle | 55° | | | | |
| Quadlink front axle suspension | Optional | | | | |
| Quadlink differential lock | Standard - full-locking, electrohydraulic | | | | |
| Hydraulics | | | | | |
| 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 | 2 fingertip spool valves and 2 joystick spool valves Up to 4 fingertip spool valves and 2 joystick spool valves | | | | |
| Three Point Hitch - Rear | | | | | |
| Category 3 | Standard | | | | |
| Stabilizers | Sway block | | | | |
| Maximum lift capacity lbs. (kg) - through full stroke | 22,760 (10,323) | | | | |

| MODELS | 8650 | 8660 | 8670 | 8680 | 8690 |
|--|--------------|------|------|------|------|
| PTO | | | | | |
| Speeds - standard rpm | 1,000/1,000E | | | | |
| - optional rpm | 540E/1,000E | | | | |
| Operator Area | | | | | |
| Cab glass area ft ² (m ²) | 67.3 (6.22) | | | | |
| Noise level dB(A) | 71 | | | | |
| OptiRide Plus hydraulic suspended cab | Optional | | | | |
| Operator seat - air suspension | Standard | | | | |
| Guidance System | | | | | |
| System I50 | Optional | | | | |
| Capacity | | | | | |
| Fuel tank capacity US gallon (L) with e3 technology | 167 (630) | | | | |
| DEF (AdBlue) usable tank capacity US gallon (L) (optional) | 16 (60) | | | | |

See our 8600 Series brochure for full Series specifications.



The 8600 Series Tier 4i features heightened cab comfort, visibility and efficiency.



Other new features include an auto differential lock to improve traction and minimize slippage.

The new 8600 Series Tier 4i



- 1 Dynamic Tractor Management (DTM) coupled with Dyna-VT transmission**
This cooperative combination works like a dream, providing clutchless operation as well as the ability (when DTM is activated) to control both the engine speed and transmission ratio automatically. This allows the engine to run at lower RPM's, reducing fuel consumption.
- 2 AGCO POWER® engine**
Designed not only to meet today's emission standards, but to do it more economically than ever before. Our 8.4L CTA engine works hard to satisfy you and Mother Nature.
- 3 Headland Management & Control Center Display**
The most comprehensive headland management system in the industry allows multi-function operation of up to 35 commands at the push of one button, improving productivity while reducing fatigue.
- 4 SpeedSteer™**
Just another way Massey Ferguson is giving you more control than ever. Simply adjust the steering ratio and select the number of steering wheel turns required for a given amount of front wheel turn.
- 5 OptiRide Plus™ hydraulic cab suspension system**
Our 8600 Series delivered a smooth, comfortable ride to begin with. Then we added a cab suspension system that uses hydraulic rams and accumulators to further cushion the ride.



MASSEY FERGUSON

AGCO ANSWERS

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