



More tractor. More choices.

New 7600 Series Mid-frame Row Crop Tractor



More power. More features. More versatility.

Introducing the new Massey Ferguson® 7600 Series mid-frame row crop tractors – with new cab options and features designed to enhance operator and tractor productivity and efficiency. These tractors are exactly right for you. How do we know? Because we designed the 7600 Series to offer more features and options to make it just the tractor you need – no matter the type of operation. From planting corn to loader work, baling hay to feeding it, 7600 Series tractors deliver performance and efficiency season after season.

The four new models of the 7600 Series range from 170 to 225 engine HP and feature your choice of high-performance Dyna-6™ or the unique Dyna-VT™ transmissions. Comfortable new cab styling and industry exclusive features including programmable cruise speeds, Dynamic Tractor Management, and 2nd generation e3™ SCR technology combine to make a powerful package in the field or around the farm.

Still leading the way in SCR technology.

Massey Ferguson was the first to introduce SCR emissions technology on row crop tractors in 2009. And we're making sure the new 7600 Series meets all Tier 4i standards while offering all the benefits of the latest generation of our e3 SCR technology - including minimal system maintenance and real time monitoring and adjustment of DEF injection for best in class total fluid efficiency. You also get a field proven emissions compliance system with the confidence that comes from working with a pioneer in SCR technology.

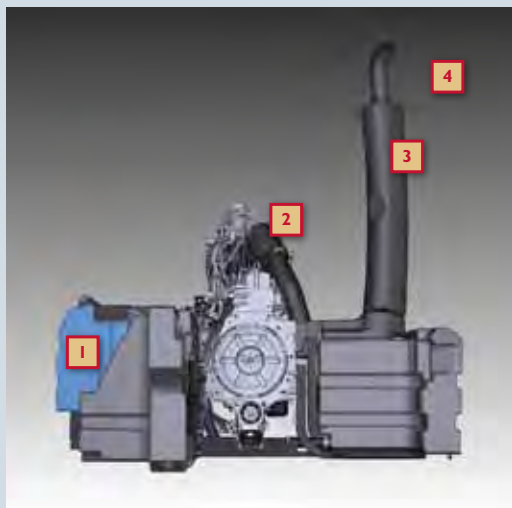
| TRACTOR MODEL | 7619 | 7620 | 7622 | 7624 |
|---|--|-----------------------------|---|-----------------------------|
| Engine performance | | | | |
| PTO hp at 2,100 rated engine rpm | 140 | 150 | 165 | 180 |
| ISO engine hp at 2,100 rated engine rpm | 170 | Dyna-VT: 185 Dyna-6: 180 | 200 | Dyna-VT: 225 Dyna-6: 220 |
| Maximum ISO engine hp at 2,100 engine rpm | 185 | Dyna-VT: 200 Dyna-6: 195 | 215 | Dyna-VT: 237 Dyna-6: 235 |
| Engine | | | | |
| Rated speed (rpm) | 2,100 | | | |
| Maximum torque rise | 35% | | | |
| Maximum power bulge | 15% | | | |
| Type | AGCO POWER™ | | | |
| Model | 66 CTA | 66 CTA | Dyna-VT: 66 CTA Dyna-6: 74 CTA | 74 CTA |
| Number of cylinders | 6 | | | |
| Aspiration | Turbocharged and air-to-air aftercooled | | | |
| Type of cooling | Liquid cooling | | | |
| Displacement liters (CID) | 6.6 (402) | 6.6 (402) | Dyna-VT: 6.6 (402) Dyna-6: 7.4 (452) | 7.4 (452) |
| Compression ratio | 18.5:1 | | | 16.5:1 |
| Fuel injection system | Bosch high pressure common rail, electronic injectors with variable injection timing and duration. | | | |
| Fuel | Diesel | | | |
| Fuel filter | Replaceable filter - 30μ prefilter - 5μ main filter | | | |
| Lubrication system | Gear pump at bottom of timing gear | | | |
| Oil filter | Single, spin on | | | |
| Starting aid | Thermostart | | | |
| Electrical system | | | | |
| Battery | 600 CCA, 12V (2 batteries) | | | |
| Alternator | 175 amps - standard on Classic, optional on Deluxe. | | | |
| Alternator | Twin 120 amps - standard on Deluxe and Premium, optional on Classic. | | | |
| ISO BUS connector | 50 amps - only available on Deluxe and Premium spec levels. | | | |
| Transmission: Dyna-VT | | | | |
| Type | Continuously Variable | | | |
| Clutches | None | | | |
| Field speed range | 0.02 - 17 mph forward and 0.02 - 10 mph reverse (0.03 - 28 kph forward and 0.03 - 16 kph reverse) | | | |
| Road speed range | 0.02 - 25 mph forward and 0.02 - 24 mph reverse (0.03 - 40 kph forward and 0.03 - 38 kph reverse) | | | |
| Road speed range - optional | 0.02 - 31 mph forward and 0.02 - 24 mph reverse (0.03 - 50 kph forward and 0.03 - 38 kph reverse) | | | |
| Forward/reverse speeds | Infinite | | | |
| Cruise control speeds | 2 | | | |

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| Transmission: Dyna-6 | | | | |
| Type | Partial powershift | | | |
| Clutches | 5 discs | | | |
| Field speed range | 4 ranges / 6 powershifts | | | |
| Road speed range | 25 mph (40 kph) to 31 mph (50 kph) | | | |
| Speeds | 24 forward / 24 reverse | | | |
| Cruise control speeds | 2 | | | |
| Brakes and final drives | | | | |
| Type of final drives | Inboard planetary | | | |
| Type of brakes | Wet disc | | | |
| Brake actuation | Hydraulic | | | |
| Trailer brake | Option hydraulic and/or pneumatic | | | |
| Rear axle | | | | |
| 89.6 in. short axle | Optional on Dyna-VT editions | | | |
| 113 in. long axle | Standard on Dyna-VT editions | | | |
| 84.4 in. (95 mm) standard duty short axle | Optional on Dyna-6 editions | | | NA |
| 112.1 in. (95 mm) standard duty long axle | Standard on Dyna-6 editions | | | NA |
| 86.7 in. (110 mm) heavy duty short axle | NA | | | Optional on Dyna-6 editions |
| 118.2 in. (110 mm) heavy duty long axle | NA | | | Standard on Dyna-6 editions |
| Differential lock - full-locking, electro-hydraulic | Standard | | | |
| Front axle | | | | |
| 2 wheel drive | NA | | | |
| 4 wheel drive differential lock | Full-locking, electro-hydraulic standard | | | |
| 4 wheel drive engagement | Electro-hydraulic | | | |
| 4 wheel drive maximum steering angle | 55° | | | |
| Quadlink front axle suspension | Standard on Deluxe and Premium, optional on Classic | | | |
| Quadlink differential lock | Standard - full-locking, electro-hydraulic | | | |
| Front axle lead ratio | 1.345 | 1.345 | Dyna-VT: 1.345 Dyna-6: 1.343 | Dyna-VT: 1.347 Dyna-6: 1.353 |
| Hydraulics | | | | |
| System type | Closed Center Load Sensing (CCLS) | | | |
| Total flow rate gallon (L) - std./opt. | 29 (110) / 39 (150) | | | |
| Maximum pressure PSI (Bar) | 2,900 (200) | | | |
| Available flow rate per spool valves gpm (L/min) | 24.3 (92) | | | |
| Remotes - Classic edition - std. (opt.) | 3 mechanical (opt: 4 mechanical) | | | |
| Remotes - Deluxe edition - std. (opt.) | 2 electric fingertip, plus 2 mechanical (opt: electric joystick) | | | |
| Remotes - Premium Dyna-VT edition - std. (opt.) | 4 electric fingertip (opt: electric joystick) | | | |
| Remotes - Premium Dyna-6 edition - std. (opt.) | 4 electric fingertip (opt: 5 electric fingertip, electric joystick) | | | |
| Coupler size | ISO 1/2 in. | | | |

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| Steering wheel | | | | |
| Steering wheel | Tilt and telescopic | | | |
| SpeedSteer™ | Standard on Deluxe and Premium, not available on Classic. | | | |
| 3-point hitch - rear | | | | |
| Category 3 with fixed ball end links with category 3 quick hitch | Standard | | | |
| Stabilizers | Rub block on Dyna-6, variable telescoping on Dyna-VT. | | | |
| Lift capacity 24 in back of the pin | 12,500 for Dyna-6 editions, 11,650 for all Dyna-VT editions. | | | |
| Category 3 with fixed ball end links without quick hitch | Optional | | | |
| 3-point hitch - front | | | | |
| Category 3 | Optional | | | |
| Maximum lift capacity at link end lbs (kg) | 8,818 (4,000) | | | |
| Drawbar | | | | |
| Category 2 swinging with clevis pin | Standard | | | |
| Maximum vertical static load lbs (kg) | 5,755 (2,610) | | | |
| PTO | | | | |
| Speeds rpm | Dyna-6 Classic base is 540/1000 540/540e/1000 not offered on Classic Dyna-6 540e/1000e/1000 optional on Dyna-6 Deluxe & Premium | | | |
| Engagement | Electro-hydraulic | | | |
| Shaft diameter in (mm) | 1.375 (35) 6-spline / 1.375 (35) 21-spline | | | |
| Engine speed if PTO at 540 rpm | Dyna-VT: 1,932 Dyna-6: 1,890 | | | |
| Engine speed if PTO at 1,000 rpm | Dyna-6: 2,000 | Dyna-6: 2,000 | Dyna-6: 2,000 | Dyna-VT: 1,903 Dyna-6: 1,930 |
| Engine speed if PTO at economy | 540 speed Dyna-6: 1,524 540 speed Dyna-VT: 1,488 1000 speed Dyna-6: 1,595 | | | |
| Operator area | | | | |
| Cab glass area ft² (m²) | 61 (5.67) | | | |
| Noise level dB(A) | 70 | | | |
| Hydraulic cab suspension | Standard on Deluxe and Premium, not available on Classic. | | | |
| Operator seat - air suspension | Standard | | | |
| Deluxe operator seat | Optional | | | |
| Transmission control(s) | Right console/armrest on Deluxe and Premium. Right console on Classic. | | | |
| Forward control(s) | Left-hand control | | | |
| Cab doors (2) | Standard | | | |
| Control Center Display | Standard on Deluxe and Premium, not available on Classic. | | | |

Second generation e3 Selective Catalytic Reduction (SCR)

Our AGCO POWER™ diesel engines are optimized for high performance, low particulate emissions and low fuel consumption.



- 1 Diesel Exhaust Fluid Tank
- 2 Diesel Oxidation Catalyst (DOC)
- 3 SCR Catalyst (inside exhaust)
- 4 NOx Sensors (after turbo and on exhaust)

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|--|--|----------------|----------------|----------------|
| Guidance system | | | | |
| Auto-steering ready with Topdock included and control center display | Standard on Premium, optional on Deluxe, not available on Classic. | | | |
| Auto-steering ready without Topdock with control center display | Standard on Deluxe, optional on Premium, not available on Classic. | | | |
| Digital instrument panel with radar and slip control | Standard on Classic. | | | |
| Capacity | | | | |
| Fuel tank capacity gallon (L) | 114 (431.5) | | | |
| Diesel Exhaust Fluid capacity gallon (L) | 11 (40) | | | |
| Hydraulic reservoir capacity gallon (L) | 26.4 (100) | | | |
| Dimensions & weight* | | | | |
| Wheelbase in. (mm) | 117 (2,972) | 117 (2,972) | 117 (2,972) | 117.8 (2,993) |
| Overall length in. (mm) | 199.2 (5,060) | | | |
| Maximum height over cab in. (mm) | 120.7 (3,066) | | | |
| Approx. shipping weight lbs (kg) | 15,800 (7,167) | 15,800 (7,167) | 15,800 (7,167) | 15,990 (7,253) |

*All dimensions measured with 18.4R42 rear tires and 14.9R30 front tires

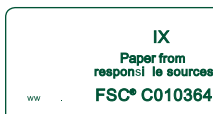
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