



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.

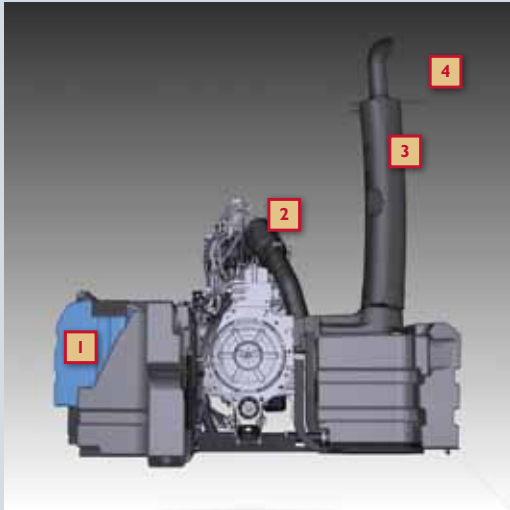
TRACTOR MODEL	7619	7620	7622	7624
Engine performance				
PTO hp at 2,100 rated engine rpm	140	150	165	180
ISO engine hp at 2,100 rated engine rpm	170	Dyna-VT: 185 Dyna-6: 180	200	Dyna-VT: 225 Dyna-6: 220
Maximum ISO engine hp at 2,100 engine rpm	185	Dyna-VT: 200 Dyna-6: 195	215	Dyna-VT: 237 Dyna-6: 235
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

AGCO® Corporation has a company policy of continuous improvement; therefore, specifications are subject to change without notice.

masseyferguson.com/7600Series



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