

Massey Ferguson 7600 Series

POWER FARMING
520 Elizabeth Street Melbourne 3000 www.powerfarming.com.au

Engine		MF 7614	MF 7615	MF 7616	MF 7618	MF 7619	MF 7620	MF 7622	MF 7624
Engine type		AGCO SISU POWER e ³ SCR							
no. of cylinders/no. of valves/Capacity	litre/no./cm ³	6 / 4 / 6600	6 / 4 / 6600	6 / 4 / 6600	6 / 4 / 6600	6 / 4 / 6600	6 / 4 / 6600	6 / 4 / 6600 (Dyna-VT) 6 / 4 / 7400 (Dyna-6)	6 / 4 / 7400
Bore / Stroke		108/120	108/120	108/120	108/120	108/120	108/120	108/120 (Dyna-VT) 108/134 (Dyna-6)	108/134
Aspiration		Turbo Intercooled							
Injection type		Common rail							
Fan type - Transmission Dyna-4		Viscostatic	Viscostatic		-	-	-	-	-
Fan type - Transmission Dyna-6 & Dyna-VT		-	Vistronic	Vistronic	Vistronic	Vistronic	Vistronic	Vistronic	Vistronic
Maximum hp @ 1950 rpm	⊕ ISO hp (kW)	140 (103)	150(110)	160(118)	175(129)	185(136)	200(147)	215(158)	235(173)
Rated hp @ 2100 rpm	⊕ ISO hp (kW)	130(96)	140 (103)	150(110)	165(121)	170(125)	185(136)	200(147)	220(162)
Maximum torque @ 1500 rpm	⊕ Nm	645	660	677	740	830	880	943	1030
Specific fuel consumption*	g/kWh	192	192	192	192	192	192	192	192
Fuel tank capacity	litres	310	310	310	310	430	430	430	430
Adblue tank capacity	litres	30	30	30	30	40	40	40	40
Service interval	hours	500	500	500	500	500	500	500	500

Transmission Dyna-4 40kph

Number of gears	Fwd x Rev	16 x 16	16 x 16	-	-	-	-	-	-
Min. speed @ 1400 rpm	kph	1.3	1.3	-	-	-	-	-	-
No of speeds with creeper/super-creeper	Fwd x Rev	24 x 24 / 32 x 32	24 x 24 / 32 x 32	-	-	-	-	-	-
Min. speed @ 1400 rpm with creeper / supercreeper	kph	0,33 / 0,09	0,33 / 0,09	-	-	-	-	-	-
Maximum power with EPM	hp (kW)	155(114)	165(121)	-	-	-	-	-	-
Max. power available @ PTO shaft (OECD, accuracy +/- 3%)	hp (kW)	115(85)	125(92)	-	-	-	-	-	-
Maximum torque with EPM	⊕ Nm	660	677	-	-	-	-	-	-

Transmission Dyna 6 40 kph Eco or 50 kph** Eco

Number of gears	Fwd x Rev	-	24x24	24x24	24x24	24x24	24x24	24x24	24x24
Min. speed @ 1400 rpm	kph	-	1.03	1.03	1.03	1.1	1.1	1.1	1.1
No of speeds with creeper/super-creeper	Fwd x Rev	-	36x36/ 48x48	36x36/ 48x48	36x36/ 48x48	36x36/ -	36x36/ -	36x36/ -	36x36/ -
Min. speed with creeper / supercreeper	kph	-	0,26/0,07	0,26/0,07	0,26/ 0,07	0,26/ -	0,26/ -	0,26/ -	0,26/ -
40 kph Eco at engine speed	rpm	-	1800	1800	1800	1800	1800	1800	1800
50 kph** Eco at engine speed	rpm	-	1950	1950	1950	1850	1850	1850	1850
Maximum power with EPM	hp (kW)	-	175(129)	185(136)	200(147)	210(155)	220(162)	240(177)	260(191)
Max. power available @ PTO shaft (OECD, accuracy +/- 3%)	hp (kW)	-	135(99)	140(103)	155(114)	165(121)	180(132)	195(144)	210(155)
Maximum torque with EPM	⊕ Nm	-	745	790	840	925	980	1035	1120

Transmission - Dyna VT

Type		-	Dyna-VT with Power Control: Stepless, Continuously Variable Transmission with Dynamic Tractor Management (DTM)						
Field speed range		0,03 - 28 Kph Forward and 0,03 - 16 Kph Reverse							
Road speed range		0,03 - 50 Kph* Forward and 0,03 - 38 Kph Reverse							
Max. power available @ PTO shaft (OECD, accuracy +/- 3%)	hp (kW)	-	130 (96)	140 (103)	150 (110)	165 (121)	180 (132)	195 (144)	205 (151)

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Rear Linkage and hydraulics		MF 7614	MF 7615	MF 7616	MF 7618	MF 7619	MF 7620	MF 7622	MF 7624
Lower links type	Category	3	3	3	3	3	3	3	3
Maximum lift capacity, at link end	Kg	7100	7100/8600	7100/8100/ 8600	8100/8600	9300	9300	9300	9300
Hydraulic type		Closed Centre Load Sensing							
Maximum Flow	rpm	110	110	110	110	110/150	110/150	110/150	110/150
Maximum pressure	bars	200	200	200	200	200	200	200	200
Maximum no of rear spool valves		4	4	4	4	4/5(Dyna6)	4/5(Dyna6)	4/5(Dyna6)	4/5(Dyna6)
Hydraulic type		Open centre (essential)	Open centre (essential)	Open centre (essential)	Open centre (essential)	-	-	-	-
Maximum Flow	litres/ minute	58	58	58	-	-	-	-	-
Maximum pressure		200	200	200	-	-	-	-	-
Maximum no of rear spoolvalves		4	4	4	-	-	-	-	-
Power Take-Off (Rear)									
Engine speed @		1598							
540/1000	rpm	1980 / 2030	1980 / 2030	1980 / 2030	1980 / 2030	1890/2000	1890/2000	1890/2000	1890/2000
540/540Eco/1000 Dyna 6	rpm	-	-	-	-				
540/540Eco/1000 DynaVT	rpm	-	1930 / 1490 / 1900						
540/540Eco/1000/1000Eco	rpm	1980 / 1530 / 2030 / 1570				-	-	-	-
540Eco/1000/1000Eco	rpm	-	-	-	-				
Shaft diameter	inches	1 3/8	1 3/8	1 3/8	1 3/8	1 3/8	1520/1930/1600		
Front linkage and Front Power Take-Off									
Lower links type		Independent, electro-hydraulic							
Maximum lift capacity, at link end	kg	3200	3200	3200	3200/4000	4000	4000	4000	4000
Maximum No of front spool valves		2	2	2	2	2	2	2	2
Engine speed @ 1000 front PTO speed		1920	1920	1920	1920	1920	1920	1920	1920
Wheels and Tyres (Full range available. Please consult your Dealer)									
Front	m	16.9R28	16.9R28	16.9R28	16.9R28	16.9R30	16.9R30	16.9R30	16.9R30
Rear	m	20.8R38	20.8R38	20.8R38	20.8R38	20.8R42	20.8R42	20.8R42	20.8R42
Track adjustments (with standard wheels and tyres)									
Front Track adjustment (with tyres mentioned above)	m	1.92	1.97	1.97	1.97	2.13	2.13	2.13	2.13
Rear Track adjustment (with tyres mentioned above)		2.02	2.0	2.0	2.00	2.08	2.08	2.32	2.32
Weights and dimensions (with standard wheels and tyres, without ballast, 4WD model, less fuel)									
Weight	kg	5800	6200	6200	6300	7000	7200	7400	7400
Overall height - from rear axle centerline to top of the roof	m	2.11	2.11	2.11	2.11	2.19	2.19	2.19	2.19
Overall length - from weight carrier to lower link ends	m	4.90	4.90	4.90	4.90	5.09	5.09	5.09	5.09
Wheelbase	m	2.88	2.88	2.88	2.88	3.00	3.00	3.00	3.00
Max. gross vehicle weight	kg	9250	11500	11500	11500	12500	12500	13000	13000
Cab noise level	dBa	70	70	70	70	70	70	70	70

- = Not applicable/available
- * = Manufacturer's testing
- ** = Depending on market legislation
- ⊗ = ISO TR14396