

		MF 6445 <i>Dyna-6</i>	MF 6455 <i>Dyna-6</i>	MF 6460 <i>Dyna-6</i>	MF 6465 <i>Dyna-6</i>	MF 6470 <i>Dyna-6</i>
Engine Power, Nominal						
Rated hp @ 2200 rpm	✚ ISO hp (kW)	95 (70)	105 (77)	115 (84)	120 (88)	125 (92)
Maximum hp @ 2000 RPM in 1st and 2nd range	✚ ISO hp (kW)	100 (74)	112 (82)	125 (92)	132 (97)	135 (99)
Maximum hp @ 2000 rpm 3rd and 4th range	✚ ISO hp (kW)	110 (81)	125 (92)	135 (99)	144 (106)	145 (107)
Maximum torque @ 1500 rpm in 1st and 2nd range	✚ Nm	400	463	538	543	585
Maximum torque @ 1500 rpm in 3rd and 4th range or in PTO application	✚ Nm	463	525	585	600	625
Maximum power available @ PTO shaft Maximum hp @ 1000 PTO rpm OECD (accuracy +/- 2%)	hp (kW)	88 (65)	100 (74)	110 (81)	115 (85)	120 (88)
Specific fuel consumption†	g/kWh	208	208	205	208	205

Engine

Diesel, direct injection	make	Perkins	Perkins	AGCO SISU POWER		
Type		1104D-E44TA	1104D-E44TA	44CTA	1106D-E66TA	44CTA
Cooling/fuel injection		Water cooled, direct injection diesel. Tier III compliant. Common rail electronic fuel injection. 4 valves per cylinder				
Aspiration		Turbocharged, with wastegate and intercooler		Turbocharged, with intercooler		
Capacity/ no. of cylinders	litre/no.	4.4/4	4.4/4	4.4/4	6.6/6	4.4/4

Clutch

Operation and control		Forward and reverse, multi-plate, oil-cooled clutches with hydraulic actuation and electronic control				
-----------------------	--	---	--	--	--	--

Transmission

Dyna-6 - Speedmatching Semi-powershift gearbox, with 6 Dynashift ratios in each of 4 electro-hydraulically controlled ranges. Power Control and Speedmatching functions						
Dyna-6 - AutoDrive As 'Speedmatching', plus AutoDrive, giving manual, semi - or fully-automated Dynashift changes		○	○	○	○	○
50 km/h max. speed ▲		-	-	○	○	○
Creeper speeds - Additional 12F/12R Creeper speeds		○	○	○	○	○
Supercreeper speeds - Additional 24F/24R Creeper speeds		○	○	○	○	○
Dyna-VT		-	-	-	-	-
Field speed range						
Road speed range						

Power Take-Off (Rear)

Operation and control		Independent, electro-hydraulic with rear fender-mounted start/stop control and headland automation. In-cab control lever				
Speed change: Shiftable, flanged In-cab/external control		●/○	●/○	●/○	●/○	●/○

PTO speed @ engine rev/min

540 rpm (6 spline shaft)	rpm	1980	1980	1980	1980	1980
1000 rpm (21 spline shaft)	rpm	2000	2000	2000	2030	2030
Ground speed PTO		○	○	○	○	○
Economy PTO	rpm	○	○	○	○	○
540 Economy PTO	rpm	1530	1530	1530	1530	1530
1000 Economy PTO	rpm	1550	1550	1550	1570	1570
Shaft diameter		35mm (1 ³ /in)				

Specifications

Every effort has been made to ensure that the information contained in this publication is as accurate and current as possible. However, inaccuracies, errors or omissions may occur and details of the specifications may be changed at any time without notice. Therefore, all specifications should be confirmed with your Massey Ferguson Dealer or Distributor prior to any purchase.

Engine Power, Nominal		MF 6475 <i>Dyna-6</i>	MF 6480 <i>Dyna-6</i>	MF 7465 <i>Dyna-VT</i>	MF 7475 <i>Dyna-VT</i>	MF 7480 <i>Dyna-VT</i>
Rated hp @ 2200 rpm	⚙ ISO hp (kW)	132 (97)	147 (108)	125 (92)	142 (105)	152 (112)
Maximum hp @ 2000 rpm	⚙ ISO hp (kW)	142 (105)	157 (116)	137 (101)	155 (115)	167 (123)
Maximum hp @ 2000 rpm in transport/PTO	⚙ ISO hp (kW)	162 (119)	172 (127)	-	-	-
Maximum torque	⚙ Nm	605	665	600	689	711
Maximum torque in transport/ PTO	⚙ Nm	689	711	-	-	-
Maximum power available @ PTO shaft Maximum hp @ 1000 PTO rpm OECD (accuracy +/- 2%)	hp (kW)	130 (96)	140 (103)	115 (85)	130 (96)	140 (103)
Specific fuel consumption†	g/kWh	207	207	208	207	207
Engine						
Diesel, direct injection	make	AGCO SISU POWER				
Type		1106D-E66TA	1106D-E66TA	1106D-E66TA	1106D-E66TA	1106D-E66TA
Cooling/fuel injection		Water cooled, direct injection diesel. Tier III compliant. Common rail electronic fuel injection. 4 valves per cylinder				
Aspiration		Turbocharged, with intercooler				
Capacity/ no. of cylinders	litre/no.	6.6/6	6.6/6	6.6/6	6.6/6	6.6/6
Clutch						
Operation and control		Forward and reverse, multi-plate, oil-cooled clutches with hydraulic actuation and electronic control		-	-	-
Transmission						
Dyna-6 - Speedmatcing Semi-powershift gearbox, with 6 Dynashift ratios in each of 4 electro-hydraulically controlled ranges. Power Control and Speedmatching functions				-	-	-
Dyna-6 - AutoDrive As 'Speedmatching', plus AutoDrive, giving manual, semi - or fully-automated Dynashift changes		○	○	-	-	-
50 km/h max. speed ▲		○	○	-	-	-
Creeper speeds - Additional 12F/12R Creeper speeds		○	○	-	-	-
Supercreep speeds - Additional 24F/24R Creeper speeds		○	○	-	-	-
Dyna-VT		-	-	Stepless, continuously variable transmission		
Field speed range				0.03 – 28 km/h Forward and 0.03 – 16 km/h Reverse		
Road speed range				0.03 – 50 km/hs Forward and 0.03 – 38 km/h Reverse		
Power Take-Off (Rear)						
Operation and control		Independent, electro-hydraulic with rear fender-mounted start/stop control and headland automation. In-cab control lever				
Speed change: Shiftable, flanged In-cab/external control		●/○	●/○	●/-	●/-	●/-
PTO speed @ engine rev/min						
540 rpm (6 spline shaft)	rpm	1980	1980	2065	2065	2065
1000 rpm (21 spline shaft)	rpm	2030	2030	2030	2030	2030
Ground speed PTO		○	○	-	-	-
Economy PTO	rpm	○	○	●	●	●
540 Economy PTO	rpm	1530	1530	1590	1590	1590
1000 Economy PTO	rpm	1570	1570	-	-	-
Shaft diameter		35mm (1 ³ / ₈ in)				

● = Standard

○ = Optional

- = Not applicable/available

▲ = Depending on market/legislation

✱ = ISO TR 14396 (EG 97/68 values are comparable to ISO values +/- 0.5%)

† = Optimum specific fuel consumption (Manufacturer's test)

** = Depending on market/legislation

		MF 6445 <i>Dyna-6</i>	MF 6455 <i>Dyna-6</i>	MF 6460 <i>Dyna-6</i>	MF 6465 <i>Dyna-6</i>	MF 6470 <i>Dyna-6</i>
Front power take-off and linkage (○)						
MF IFLS - Integrated Linkage System		-	-	-	○	-
'Standard' linkage system		○	○	○	-	○
Operation and control		Independent, electro-hydraulic. 6 or 21 spline, 35mm (13/8in) diameter PTO shaft. 1000 rpm @ 2000 engine rpm				
Linkage lift capacity	kg	2500	2500	2500	2800/4000	2500
Linkage and hydraulics						
Linkage control		Electronic control of draft, position, Intermix, height/depth, rate of drop, 'quick soil engagement' and Active Transport Control				
Max oil flow/pressure Open Centre Closed Centre (load sensing)	litre/min /bar litre/min /bar	● 57/200+33/17 ○ 110/200	● 57/200+33/17 ○ 110/200	● 57/200+33/17 ○ 110/200	● 57/200+33/17 ○ 110/200	● 57/200+33/17 ○ 110/200
Lower links		Quick-attach, hook end with Cat. 2/3 balls and cones				
Maximum lift capacity, at link ends	kg	● 5850/ ○ 7100	● 5850/ ○ 7100	● 5850/ ○ 7100	7100	● 5850/ ○ 7100
Auxiliary hydraulics						
Spool valves, number/type	●	Single/double acting mechanical Spool valves				
- number as standard		2	2	2	3	2
- number	○	Up to 4, mechanical Spool valves				
Optional, CCLS models only		Spool Valve Management System (SMS) with up to 4 electro-hydraulic Spool valves				
Steering						
Type		Hydrostatic, balanced, with tilting, telescopic steering column				
Brakes						
With power assistance		○	○	○	●	○
Less power assistance		●	●	●	-	●
Trailer brakes		Hydraulic, pedal-operated				
4WD Front axle						
Differential lock		Hydralock (full engagement/disengagement), with automated control				
QuadLink suspended axle		○	○	○	○	○
Wheels and Tyres (Full range available. Please consult your Dealer)						
Front		340/85R24/ 13.6R24	340/85R28/ 13.6R28	340/85R28/ 13.6R28	380/85R28/ 14.9R28	380/85R28/ 14.9R28
Rear		420/85R34/ 16.9R34	420/85R38/ 16.9R38	420/85R38/ 16.9R38	460/85R38/ 18.4R38	460/85R38/ 18.4R38
Track adjustments (with standard wheels and tyres)						
Front - 2WD (not available in UK)	m	1.54-2.33 ○	1.54-2.33 ○	1.54-2.33 ○	-	-
Front - 4WD/QuadLink	m	1.67-1.92	1.67-1.92	1.67-1.92	1.67-1.92	1.67-1.92
Rear	m	1.59-1.94	1.59-1.94	1.59-1.94	1.70-1.95	1.70-1.95
Weights and dimensions (approximate, with standard wheels and tyres, 4WD model, less fuel)						
Weight minimum, no ballast	kg	4250	4350	4570	5240	4610
Dimensions (Less front weights)						
Overall length, to lower link ends	m	4.25	4.25	4.32	4.90	4.32
Overall height - over cab	m	2.78	2.82	2.82	2.90	2.86
Minimum width	m	1.98	1.98	1.98	2.28	2.28
Wheelbase	m	2.55	2.55	2.67	2.87	2.67
Turning circle; diameter, less brakes, 2WD/4WD	m	7.4/8.4	7.4/8.4	7.7/8.9	-/9.6	-/8.4
Capacities						
Fuel tank capacity	●/○ litre	130/190	130/190	145/210	270/-	145/210

Front power take-off and linkage (○)		MF 6475 <i>Dyna-6</i>	MF 6480 <i>Dyna-6</i>	MF 7465 <i>Dyna-VT</i>	MF 7475 <i>Dyna-VT</i>	MF 7480 <i>Dyna-VT</i>
MF IFLS - Integrated Linkage System		○	○	○	○	○
'Standard' linkage system		-	-	-	-	-
Operation and control		Independent, electro-hydraulic. 6 or 21 spline, 35mm (13/8in) diameter PTO shaft. 1000 rpm @ 2000 engine rpm				
Linkage lift capacity	kg	2800/4000	2800/4000	2800/4000	2800/4000	2800/4000
Linkage and hydraulics						
Linkage control		Electronic control of draft, position, Intermix, height/depth, rate of drop, 'quick soil engagement' and Active Transport Control				
Max oil flow/pressure Open Centre Closed Centre (load sensing)	litre/min /bar litre/min /bar	● 57/200+33/17 ○ 110/200	● 57/200+33/17 ○ 110/200	- ● 110/200	- ● 110/200	- ● 110/200
Lower links		Quick-attach, hook end with Cat. 2/3 balls and cones				
Maximum lift capacity, at link ends	kg	● 7100 ○ 8000	● 7100 ○ 8000	8600	8600	8600
Auxiliary hydraulics						
Spool valves, number/type	●	Single/double acting mechanical Spool valves		SMS + joystick: electro-hydraulic/mechanical		
- number as standard		3	3	2/1	2/1	2/1
- number	○	Up to 4, mechanical Spool valves		N/A		
Optional, CCLS models only		Spool Valve Management System (SMS) with up to 4 electro-hydraulic Spool valves				
Steering						
Type		Hydrostatic, balanced, with tilting, telescopic steering column				
Brakes						
With power assistance		●	●	●	●	●
Less power assistance		-	-	-	-	-
Trailer brakes		Hydraulic, pedal-operated				
4WD Front axle						
Differential lock		Hydralock (full engagement/disengagement), with automated control				
QuadLink suspended axle		○	○	●	●	●
Wheels and Tyres (Full range available. Please consult your Dealer)						
Front		380/85R28/ 14.9R28	420/85R28/ 16.9R28	380/85R28/ 14.9R28	380/85R28/ 14.9R28	420/85R28/ 16.9R28
Rear		460/85R38/ 18.4R38	520/85R38/ 20.8R38	460/85R38/ 18.4R38	460/85R38/ 18.4R38	520/85R38/ 20.8R38
Track adjustments (with standard wheels and tyres)						
Front - 2WD (not available in UK)	m	-	-	-	-	-
Front - 4WD/QuadLink	m	1.67-1.92	1.67-1.92	1.62-1.97	1.62-1.97	1.75-1.87
Rear	m	1.76-2.02	1.76-2.02	1.62-2.00	1.62-2.00	1.67-2.00
Weights and dimensions (approximate, with standard wheels and tyres, 4WD model, less fuel)						
Weight minimum, no ballast	kg	5400	5470	5900	6200	6300
Dimensions (Less front weights)						
Overall length, to lower link ends	m	4.90	4.90	4.90	4.90	4.90
Overall height - over cab	m	2.90	2.94	2.90	2.90	2.94
Minimum width	m	2.28	2.28	2.25	2.25	2.25
Wheelbase	m	2.87	2.87	2.87	2.87	2.87
Turning circle; diameter, less brakes, 2WD/4WD	m	-/9.6	-/10.0	-/9.6	-/9.6	-/10.0
Capacities						
Fuel tank capacity	●/○ litre	270/-	270/-	270/-	270/-	270/-

- = Standard
 ○ = Optional
 - = Not applicable/available
- ▲ = Depending on market/legislation
 ⚙ = ISO TR 14396 (EG 97/68 values are comparable to ISO values +/- 0.5%)
- † = Optimum specific fuel consumption (Manufacturer's test)
 ** = Depending on market/legislation

MF 6400 & 7400 highlights

Here's a quick reminder of some of the advanced features of the MF 6400 & 7400 Series tractors that further enhance their place firmly within the medium horsepower sector.

- 01** Highly efficient, powerful diesel engines, built using the latest technology to produce maximum torque, outstanding fuel economy and lower emissions.
- 02** MF 6465, 75, 80 and MF 7465, 75 and 80 now come with super-efficient, 6-cylinder AGCO SISU POWER engines.
- 03** Choose from 10 models in the 100 - 170 hp category to get precisely the right tractor for your farming business.
- 04** Spacious, exceptionally quiet cab, combined with sector-leading levels of comfort to create a relaxing, stress-free working environment for the operator.
- 05** MF 6400 Series tractors offer the best in mechanical transmissions with Dyna-6 semi-powershift.
- 06** MF 7400 Series delivers power via the unbeatable Dyna-VT continuously variable transmission which now comes with Dynamic Tractor Management (DTM) for maximum productivity and fuel efficiency.
- 07** Available with Datatronic 3, video capability and ISOBUS compatibility, together with the most comprehensive, yet simple headland management system.
- 08** Smooth, modern styling in line with the new Massey Ferguson 'family' design.
- 09** Transport boost on most models means 50km/h* can be achieved when undertaking road work, reducing journey times and raising operator productivity.
- 10** Front axle support casting and 'structural' engine sump to allow fitting of the fully integrated front linkage and PTO system.

* Specifications vary by model and market/legislation