

MASSEY FERGUSON

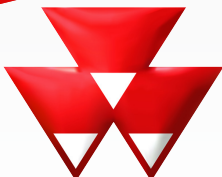
50 HP RANGE

Hydrostatic Power
Steering

Two Wheel Drive



MADFI



MASSEY FERGUSON

Specifications

PERFORMANCE

Maximum engine power at 2,250 rpm	50 (B.S) hp*
Maximum torque@1,350 rpm	172 Nm
Maximum PTO power at rated engine speed	44 hp**

* Certified to BS AU 141a

** Manufacturer's estimate

ENGINE

Make / Type	Diesel / AD 3.152
No. of cylinders	3
Injection	Direct
Bore	91.4 mm
Stroke	127.0 mm
Capacity	2.5 l
Compression ratio	16.5 : 1
Starting aid	Thermostart
Throttle control	Hand & foot
Cooling	Water
Air Cleaner	Oil bath
Air Pre-Cleaner	Over bonnet, air swirl
Fuel filter	Dual, high capacity
Exhaust	Vertical muffler under bonnet

ELECTRICS

Voltage	12 V, Negative Earth
Battery	118 Ah
Starter	2.2 kW
Alternator	32 Amp.

CLUTCH

Type	Dual clutch
Diameter	305 x 254 mm

TRANSMISSION

Type	Sliding Spur
Number of gears	8 forward, 2 reverse
Road speed at 2,250 engine rpm with 12.4 / 11-28 rear tyres.	
Gear	Speed (km/hr)
Forward 1 (first low)	2.4
Forward 2	3.5
Forward 3	4.8
Forward 4	6.5
Forward 5 (first high)	9.6
Forward 6	14.1
Forward 7	19.2
Forward 8	26.0
Reverse 1 (low)	3.3
Reverse 2 (high)	13.1

POWER TAKE OFF

Type	Live
Engine speed @ 540 PTO rpm	1,789 rpm
Shaft diameter	35 mm
No. of splines	6

HYDRAULICS

Functions	Draft control, Position control, Response control, Constant Pumping
Pump Type	Reciprocating Ferguson pump
Maximum oil Flow	16.70 l / min
Maximum pressure	21 MPa at normal operating temperature
Max. lift capacity at lower links horizontal	2,145 kg
Lower links	Cat. I & II with interchangeable balls

FRONT AXLE

Type	Box Section, Adjustable
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STEERING

Steering	Hydrostatic
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REAR AXLE AND BRAKES

Brake Type	Oil-Immersed, Multi-disc
Brake Actuation	Mechanical
Axle Type	Straddle axle with Epicyclic Reduction Unit

Parking brake	Hand lever operated
Differential lock	Mechanical

INSTRUMENTATION

Gauges	Tachometer, Hourmeter, Fuel level, Battery condition & Water temperature
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Warning lights	Direction indicators, Battery charge, Headlight main beam, Low engine oil pressure, Brake lights and Auxilliary socket
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TYRES

Front	6.00 - 16 (6PR)
Rear	12.4 / 11 - 28 (6PR)

TRACK ADJUSTMENT

Front	1,275 - 1,884 mm
Rear	1,438 - 2,125 mm

WEIGHTS AND DIMENSIONS (*)

(With 6.00-16 front & 12.4 / 11-28 rear wheel and with full fuel, oil and water)

Weight

Gross Weight	1,940 kg
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Dimensions

Wheel base	2,022 mm
Overall length	3,390 mm
Overall width	1,820 mm

Height

Over exhaust	2,200 mm
Over steering wheel	1,520 mm

Turning Circle

With brakes	5,440 mm
Without brakes	7,100 mm

Ground clearance

Under gear box	380 mm
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CAPACITIES

Fuel tank	45.0 l
Engine sump	6.8 l
Cooling system	11.7 l
Hydraulic system	36.0 l
Steering box	2.0 l
Oil bath air-cleaner	0.7 l

STANDARD EQUIPMENT

Weight frame without weights, Standard tool box with set of tools, Top link, Top link end Cat I & II balls, Check chains, Spring suspension seat, Flat top fenders & Operator's and service manual.

OPTIONAL EQUIPMENT

Front end weights, Swinging drawbar, Sun Canopy, Pintle hook and 9 Hole drawbar.



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