



Massey Ferguson MF-385 Tractor
(4-WD | 85-HP)

Specifications:-

Performance	
Engine Power At 2,250 RPM	85 (B.S.) HP*
Torque At 1,400 Engine RPM	300 Nm
PTO Power At Rated Engine Speed	70 HP**
* Certified To BS AU 141a: (1971)	
**Manufacturer's Estimate	
Engine	
Type	Diesel / 4.4l

No. Of Cylinders	4
Injection	Direct
Bore	101 mm
Stroke	127 mm
Capacity (Liters)	4.1 L
Aspiration	Natural
Compression Ratio	15.3:1
Starting Aid	Thermostat
Throttle Control	Hand And Foot
Cooling	Water
Air Cleaner Type	Oil Bath
Air Pre-Cleaner	Over Bonnet, Air Swirl
Fuel Filter	Dual, High Capacity
Exhaust	Vertical, Muffler Under Bonnet
Oil Cooler	Water Cooled
Electrics	
Voltage	12V, Negative Earth
Battery	118 Ah

Starter Motor & Alternator	2.8 KW & 45 Amp.
Clutch	
Type	Dual Clutch
Diameter	305*254 mm
Lining Material	Cerametallic
Transmission	
Type	Sliding Spur
Number of Gears	8 Forward, 2 Reverse
Road Speed At 2,200 Engine RPM With	16.9/15-30 Rear Tires
Gear	Speed (Km/Hr.)
Forward 1 (First Low)	2.9
Forward 2	4.2
Forward 3	5.8
Forward 4	7.8
Forward 5 (First High)	11.6
Forward 6	17.0
Forward 7	23.13
Forward 8	31.0

Reverse 1 (Low)	4.0
Reverse 2 (High)	15.7
Power Take-Off	
Type	Live
Engine Speed At 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	4 - Piston Ferguson Pump
Oil Flow	16.7 L / min
Pressure	21 MPa (205 Bars) At Normal Operating Temperature
Max. Lift Capacity With Lower Links Horizontal	2,145 kg
Lower Links	With Cat. I & II Interchangeable Balls
4-WD Front Axle	
Axle Type	Parallel Drive

Engagement	Mechanical
Steering	
Type	Hydrostatic
Rear Axle And Brakes	
Brake Type	Oil Immersed, Multi-Disc
Axle Type	Straddle With Epicyclic Reduction Unit
Brake Pedal	Pendant
Braking Area	1,774 Sq. cm
Brakes Actuation	Hydraulic
Parking Brake	Hand Lever Operated
Instrumentation	
Gauges	Tachometer, Houmeter, Fuel Level, Battery Condition & Water Temperature
Warning Lights	Direction Indicators, Electric Charge, Headlight Main Beam, Low Engine Oil Pressure, Brake Lights & Auxiliary Socket
Tires	
Front	12.4/11-24 (12 PR)
Rear	18.4/15-30 (8 PR)

Track Adjustment	
Front Axle	1,376 – 1,944 mm
Rear Axle	1,423 – 2,134 mm
Weight And Dimensions (Approx.)	
(With 12.4/11-24 Front And 18.4/15-30 Rear Wheel And With Full Fuel, Oil, And Water)	
Weight	
Gross Weight	2,760 Kg
Dimensions	
Wheel Base	2,350 mm
Overall Length	3,810 mm
Overall Width (min.)	1,871 mm
Height	
Over Exhaust	2,486 mm
Over Steering Wheel	1,781 mm