



## **Massey Ferguson MF-385 Tractor**

### **(2-WD | 85-HP)**

#### **Specifications:-**

<b>Performance</b>	
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	
<b>Engine</b>	
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
<b>Electrics</b>	
Voltage	12V, Negative Earth
Battery	118 Ah

Starter Motor	2.8 KW
Alternator	45 Amp.
<b>Clutch</b>	
Type	Dual Clutch
Diameter	305*254 mm
Lining Material	Cerametallic
<b>Transmission</b>	
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
<b>Power Take-Off</b>	
Type	Live
Engine Speed At 540 PTO RPM	1,789 RPM
Shaft Diameter	35 mm
No. Of Splines	6
<b>Hydraulics</b>	
Functions	Draft Control, Position Control, Response Control, Constant Pumping
Pump Type	4 - Piston Ferguson Pump
Oil Flow	16.7 L / min
Pressure	21.2 MPa At Normal Operating Temperature
Max. Lift Capacity With Lower Links Horizontal	2,145 kg
Lower Links	With Cat. I & II Interchangeable Balls
<b>Front Axle</b>	
Type	Heavy Duty Box Section, Adjustable

<b>Steering</b>	
Type	Hydrostatic
<b>Rear Axle And Brakes</b>	
Brake Type	Oil Immersed
Brake Disc Type	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
<b>Instrumentation</b>	
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
<b>Tires</b>	
Front	7.50-16 (6 PR)
Rear	18.4/15-30 (8 PR)

<b>Track Adjustment</b>	
Front Axle	1,271 – 1,881 mm
Rear Axle	1,423 – 2,134 mm
<b>Weight And Dimensions (Approx.)</b>	
(With 7.50-16 Front And 18.4/15-30 Rear Wheel And With Full Fuel, Oil, And Water)	
<b>Weight</b>	
Gross Weight	2,435 Kg
<b>Dimensions</b>	
Wheel Base	2,286 mm
Overall Length	3,760 mm
Overall Width (min.)	1,870 mm
<b>Height</b>	
Over Exhaust	2,485 mm
Over Steering Wheel	1,781 mm