

# Massey Ferguson MF385 - 85 HP The Long Term Partner Most Powerful yet Most Economical



- High Performance 4.41 Diesel Low Noise Engine.
- Reduces Gaseous Emission Under ECE R49.
- Reduced Smoke Level.
- Oil Cooler Added for Effective Cooling.
- Hydrostatic Power Steering.
- Efficient Oil Immersed Multi-Disc Brake System.
- Spring Suspension Deluxe Seat.
- Easy Accessibility to Service / Maintenance Points.

Buy Massey Ferguson MF 385 85HP Model 2019

## Performance

Maximum Engine Power at 2,200 rpm	85 (B.S) hp*
Maximum Torque at 1,600 rpm	291Nm
Maximum PTO Power at Rated Engine Speed	70hp**
* Certified at BS AU 141a : (1971)	
** Manufacturer's Estimate	

## Engine

Type	Diesel 4.41
Number of Cylinders	4
Injection	Direct
Bore	101 mm
Stroke	127 mm
Capacity (litres)	4.1 L
Compression Ratio	15.3 : 1
Aspiration	Natural
Starting Aid	Thermostart
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	110 Ah
Starter	2.8 kW
Alternator	45 Amp

## Clutch

Type	Dual Clutch
Diameter	305,254 mm
Lining Material	Cerametalllic

## Transmission

Type	Sliding Spur
Number of Gears	8 Forward, 2 Reverse
Road Speed at 2,200 Engine RPM	18.4/15-30 Rear Tyres
<b>Gear</b>	<b>Speed (km/hr)</b>
Forward 1 (First Low)	2.7
Forward 2	3.8
Forward 3	5.1
Forward 4	6.8
Forward 5 (First High)	10.4
Forward 6	15.2
Forward 7	20.8
Forward 8	27.9
Reverse 1 (Low)	3.5
Reverse 2 (High)	14.1

## Power Take-Off

Type	Live
Engine Speed at 540 PTO rpm	1,789 rpm
Shaft Diameter	35mm
Number of Splines	6

## Hydraulics

Functions	Draft Control Position Control Responce Control Constant Pumping
Pump Type	4 Piston Ferguson Pump
Max. Oil Flow	16.7 L / min
Max. 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

## Front Axle

Type	Heavy Duty Box Section, Adjustable
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## Steering

Steering	Hydrostatic
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## Rear Axle & Brakes

Axle Type	Straddle with Epicyclic Reduction Unit
Brake Type	Oil Immersed Multi-Disc
Brake Paddle	Pandent
Braking Area	1,774 Sq.cm
Brake Actuation	Hydraulic
Parking Brake	Hand Lever Operated

## Instrumentation

Gauges	Tachometer, Hour Meter, Fuel Level, Battery Condition & Water Temperature
Warning Lights	Direction Indicators, Electric Charge, Headlight Main Beam, Low Engine Oil Pressure, Brake Lights, Auxiliary Socket.

## Tyres

Front	7.50 - 16 (6PR)
Rear	18.4 / 15 - 30 (6PR)

## Track Adjustment

Front	1,271 - 1,881 mm
Rear	1,423 - 2,134 mm

## Weights & Dimensions

<b>WEIGHT</b>	
Max. Weight Front Axle	1,069 kg
Max. Weight Rear Axle	1,366 kg
Gross Weight (approx) with Full Fuel, Oil & Water	2,435 kg
<b>DIMENSIONS</b>	
Wheel Base	2,286 mm
Overall Length	3,760 mm
Overall Width (Min)	1,871 mm
<b>HEIGHT</b>	
Over Exhaust	2,485 mm
Over Steering Wheel	1,781 mm
<b>TURNING CIRCLE</b>	
Without Brakes	7,502 mm
<b>GROUND CLEARANCE</b>	
Under Gear Box	501 mm

## Capacities

Fuel Tank	108.0 L
Engine Pump	7.5 L
Cooling System	15.2 L
Hydraulic System	36.0 L
Hydrostatic Steering Reservoir	2.0 L
Oil Bath Air Cleaner	0.7 L
Brake Oil	0.25 L

## Standard Equipment

Weight Frame without Weights, Standard Tool Box with Set of Tools, Top Link End Cat I, Cat I & II Balls, Check Chains, Spring Suspension Seat, Flat Top Fender & Operator's Manual.

## Optional Equipment

Front End Weights, Sun Canopy, Swinging Drawbar, Pintle Hook