

Massey Ferguson 385

MASSEY FERGUSON

MF-385 85HP - 2WD

- 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 Disc Brake System.
- Spring Suspension Deluxe Seat.
- Easy Accessibility to Service Points.



PERFORMANCE

Engine Power at 2,200 rpm	85(B.S.) hp*
Torque at 1,400 RPM	291 Nm
PTO Power at Rated	70 hp**
Engine Speed	

* Certified at BS AU 141a : (1971)

** Manufacturer's estimate

ENGINE

Type / Make	Diesel / 4.41
No. 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	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
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 x 254 mm
Lining Material	Cerametallic

TRANSMISSION

Type	Sliding Spur
Number of Gears	8 forward, 2 reverse

Road Speed at 2,200 Engine rpm with 18.4/15-30 Rear Tyres

Gear	Speed (kph)
Forward 1 (First Low)	2.7
Forward 2	3.7
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	35 mm
No. of Splines	6

HYDRAULICS

Functions	Draft Control, Position Control, Response Control, Constant Pumping
Pump Type	4 Piston Ferguson Pump
Maximum Oil Flow	16.7 l/min
Maximum Pressure	21.2 MPa at normal operating temperature
Max. Lift Capacity with Lower Links	2,145 kg
Horizontal Lower Links	With Cat. I & II interchangeable balls

FRONT AXLE

Type	Heavy Duty Box Section, Adjustable
------	------------------------------------

STEERING

Type	Hydrostatic
------	-------------

REAR AXLE AND BRAKES

Axle Type	Straddle with epicyclic reduction unit
Brake Type	Oil immersed, multi-disc
Brake Pedal	Pendant
Breaking Area	1,774 Sq.Cm
Brake Actuation	Hydraulic
Parking Brake	Hand Lever Operated

INSTRUMENTATION

Gauges	Technometer, Hourmeter, 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 Axle	1,271 - 1,881 mm
Rear Axle	1,423 - 2,134 mm

WEIGHT & DIMENSIONS

Weight	
Maximum weight front axle	1,069 kg
Maximum weight rear axle	1,366 kg
Gross Weight	2,435 kg

Dimensions

Wheel Base	2,286 mm
Overall Length	3,760 mm
Overall Width (Min)	1,871 mm

Height

Over Exhaust	2,485 mm
Over Steering Wheel	1,781 mm

Turning Circle

Without Brakes	7,502 mm
----------------	----------

Ground Clearance

Under Gear Box	501 mm
----------------	--------

CAPACITIES

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

STANDARD EQUIPMENT

Weight frame without weights, standard tool box with set of tools, Top Link, Top Link End Cat-I, Cat I & II balls, Check Chains, Spring Suspension Seat, Flat Top Fender & Operator's Manual.

OPTIONAL EQUIPMENT

Front End Weight, Swinging Drawbar, Sun Canopy, Pintle Hook.