

# Massey Ferguson 385 (4WD)

## MASSEY FERGUSON

- Traction 30% more than 2WD
- Drawbar Power 16% more
- Drawbar Pull 34% more
- Tyre Wear 15% less
- Fuel Efficiency 15% more
- Field Work Speed 13-20% more



**MF-385**  
85HP - 4WD

### PERFORMANCE

Maximum Engine Power at 2,200 rpm 85(B.S.)hp\*  
Maximum Torque at 1,600 rpm 291 Nm  
Maximum PTO Power at 2,200 engine speed 70 hp\*\*

\* 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 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  
Fuel Filter Dual, High Capacity with Sedimentor  
Exhaust Vertical Muffler  
Oil Cooler Water Cooled

### ELECTRICS

Voltage 12V, Negative Earth  
Battery 110 Ah  
Starter / Alternator 45 Amp / 2.8 kW

### CLUTCH

Type Dual  
Diameter 305 x 254 mm  
Lining Material Cerametallic

### 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 (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 240 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 MPa (205 bars) at normal operating temperature  
Max. Lift Capacity with Lower Links 2,145 kg  
Horizontal Lower Links With Cat, I & II interchangeable balls

### 4WD FRONT AXLE

Type Parallel drive  
Engagement Mechanical

### STEERING

Type Hydrostatic

### REAR AXLE AND BRAKES

Axle Type Straddle with epicyclic reduction  
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, 4WD Indication Light & Auxiliary Socket

### TYRES

Front 12.4 / 11 - 24 (6PR)  
Rear 18.4 / 15 - 30 (6PR)

### TRACK ADJUSTMENT

Front Axle 1,376 - 1,944 mm  
Rear Axle 1,423 - 2,134 mm

### WEIGHT & DIMENSIONS

Weight Maximum weight front axle 1,211 kg  
Maximum weight rear axle 1,549 kg  
Gross Weight 2,760 kg

### Dimensions

Wheel Base 2,350 mm  
Overall Length 3,810 mm  
Overall Width (Min) 1,817 mm

### Height

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

### Turning Circle

Without Brakes 8,518 mm

### Ground Clearance

Under Gear Box 501 mm  
Under 4WD Front Axle 395 mm

### CAPACITIES

Fuel Tank 108.0 l  
Engine Pump 7.5 l  
Cooling System 15.2 l  
Power Steering Reservoir 2.0 l  
Hydraulic System 42 l  
Oil Bath Air-Cleaner 0.7 l  
Brake Oil 0.25 l  
4WD Front Axle Differential 5.6 l  
Hub Each Side 1.0 l

### 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, Pintel Hook.

### OPERATOR AREA

Seat	Cushioned
Fenders	Flat Top
Tool Box	Standard