

Tractor Specifications

1.

MASSEY FERGUSON MF-385-4WD

- **EDGE OVER 2WD**
- Traction (30% More)
- Drawbar Power (16% More)
- Drawbar Pull (34% More)
- Tyre Wear (15% less)
- Fuel Efficiency (15% More)
- Field Work Speed (13-20% More)



A multipurpose tractor

MF-385-4WD SPECIFICATIONS

PERFORMANCE

Maximum engine power @ 2,200 rpm/min	85 hp*
Maximum torque @ 1,600 rpm	291 Nm
Maximum PTO power at rated engine speed	70 hp**
* Certified to BS AU 141a	
** Manufacturer's estimate	

ENGINE

Make /Type	Perkins / 4.41
No. of cylinders	4
Injection	Direct
Bore	101 mm
Stroke	127 mm
Capacity	4.1 litre
Aspiration	Natural
Compression ratio	15.3:1
Starting aid	Thermostar
Throttle Control	Hand and foot
Cooling	Water
Air Cleaner Type	Oil bath
Air Pre-Cleaner	Over bonnet, Air swirl
Fuel filter	Daul, High capacity with sedimentor
Exhaust	Vertical Muffler under bonet
Oil Cooler	Water Cooler

ELECTRICS	
Voltage	12V, negative earth
Battery	96 Ah
Starter	2.8 kW
Alternator	45 Amp.
CLUTCH	
Type	Dual
Diameter	305x254 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	2.7
Forward 2	3.7
Forward 3	5.1
Forward 4	6.8
Forward 5	10.4
Forward 6	15.2
Forward 7	20.8
Forward 8	27.9
Reverse 1	3.5
Reverse 2	14.1
POWER TAKE OFF	
Type	Live
Engine speed @ 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 litre/min
Maximum Pressure	21 MPa at normal operating temperature
Max. lift capacity with lower links	2,145 kg
Horizontal lower links	Cat. I & II with interchangeable balls
4WD FRONT AXLE	
Axle Type	Parallel drive
Engagement	Machanical

STEERING	
Steering	Hydrostatic
REAR AXLE AND BRAKES	
Axle Type	Straddle with epicyclic reduction
Brake Type	Oil immersed, multi-disc
Braking Area	1,774 sq.cm.
Brakes Actuation	Hydraulic
Parking Brake	Hand lever operated
INSTRUMENTATION	
Gauges	Tachometer, Hourmeter, Fuel level, Battery condition & Water temperature
Warning lights	Direction indicators, Electric charge, Headlight main beam Low engine oil pressure 4WD indication light
TYRES	
Front	12.4-24 (6PR)
Rear	18.4/15-30 (6PR)
TRACK ADJUSTMENT	
Front axle	1,376-1,944 mm
Rear axle	1,423-2,134 mm
WEIGHT AND DIMENSIONS	
Weight (with full fuel, oil and water))	
Weight front	1,429 kg
Weight rear	1,582 kg
Gross Weight	3,011 kg
Dimensions	
Wheel base	2,350 mm
Overall length	3,810 mm
Width minimum	1,871 mm
Height	
Over Exhaust	2,485 mm
Over Steering Wheel	1,781 mm
Turning Circle	
Without brakes	8,518 mm
Ground Clearance Under 4WD front axle	395 mm
Ground Clearance Under gear box	501 mm
CAPACITIES	
Fuel Tank	108.0 L
Engine sump	7.5 L
Cooling system	15.2 L
Hydraulic system	47.4 L
Power steering reservoir	2 L
4WD front axle differential	5.6 L