

MF385 - 85HP 4WD



MF 385 4WD Specifications

PERFORMANCE

Engine power at 2,200 rpm	85 (B.S.) hp*
Torque at 1,600 engine rpm	300Nm
PTO power at 2,200 engine rpm	70hp**

*Certified to BS AU 141a: (1971)

**Manufacturer's estimate

ENGINE

Type	Diesel
No. of cylinders	4
Injection	Direct
Bore	101 mm
Stroke	127mm
Capacity (litres)	4.1
Aspiration	Natural
Compression ratio	15.3:1
Starting aid	Thermostat
Throttle control	Hand & foot
Cooling	Water
Air cleaner type	Oil bath
Air pre cleaner	Over bonnet
Fuel filter	Dual high capacity with sedimentor
Exhaust	Vertical, muffler under bonnet
Oil Cooler	Water Cooled

ELECTRICS

Voltage	12 Volt, Negative Earth
Battery	118 Ah
Alternator / Starter	45 A / 2.8 kw

CLUTCH

Type	Dual
Diameter	305mm x 254 mm
Lining material	Cerametalllic

TRANSMISSION

Type	Sliding spur
Number of gears	8 forward, and 2 reverse
Road speed at 2,200 engine rpm with 18.4/15-30 rear tyres	
Gear	Speed (km/ph)
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

REAR AXLE & BRAKES

Axle Type	Straddle with epicyclic reduction unit
Brake Type	Oil immersed, multi-disc
Brake Pedal	Pendant
Braking area	1,774 sq.cm
Brakes Actuation	Hydraulic
Parking brake	Hand lever operated

INSTRUMENTATION

Gauges	Tachometer, Hourmeter, Fuel level, Water temperature & Battery Condition
Warning lights	Direction indicator, Electric charge, Head light main beam, Low engine oil pressure, 4WD indication light & Auxiliary socket

TYRES

Front	12.4 / 11 - 24 (12PR)
Rear	18.4 / 15 - 30 (8PR)

TRACK ADJUSTMENT

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

WEIGHTS AND DIMENSIONS (Approx.)

(With 12.4/11-24 Front & 18.4/15-30 rear with full fuel, oil & water)

Weight	
Gross Weight	2,760 kg
Dimensions	
Overall length	3,810 mm
Overall Width (min.)	1,871 mm
Wheel base	2,350 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

OPERATOR AREA

Seat	Cushioned
Fenders	Flat top
Tool	Standard

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, Fergusonon Pump
Oil flow	16.7 l/min
Pressure	21 MPa (205 bars) at normal operating temperature
Lift capacity with lower links horizontal	2,145 kg
Lower links	With Cat. I & II interchangeable balls

CAPACITIES

Fuel Tank	108.0 l
Engine sump	7.5 l
Cooling system	15.2 l
Hydraulic system	47.4 l
Power steering reservoir	2.0 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 & II balls, Check chains, Stabiliser chains, Operator's & Service Manual.

OPTIONAL EQUIPMENT

Front end weights, Swinging drawbar, Sun Canopy, Rear Counter weights, Pintle hook and 9 Hole drawbar.

STEERING

Type	Hydrostatic
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4 WD FRONT AXLE

Axle Type	Parallel drive
Engagement	Mechanical