

MF385 - 85HP 2WD



MF 385 Specifications

PERFORMANCE

Engine power at 2,200 rpm	85 (B.S.) hp*
Torque at 1,400 Engine rpm	300 Nm
PTO power at rated engine speed	70 hp**

* Certified to BS AU 141a: (1971)

** Manufacturer's estimate

ENGINE

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

ELECTRICS

Voltage	12V, Negative Earth
Battery	118 Ah
Starter motor	2.8 kW
Alternator	45 Amp.

CLUTCH

Type	Dual
Diameter	305x254 mm
Lining material	Cerametallc

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 (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

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
Oil Flow	16.7 l/min
Pressure	21.2 MPa at normal operating temperature
Lift capacity with lower links horizontal	2,145 kg
Lower Links	With Cat. I & II interchangeable balls

WEIGHT AND DIMENSIONS (Approx.)

(With 7.50-16 front & 18.4/15-30 rear and with full fuel, oil and water.)

Weight	
Gross Weight	2,435 kg
Dimensions	
Wheel base	2,286 mm
Overall length	3,760 mm
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

STEERING

Type	Hydrostatic
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REAR AXLE AND 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 Brakes	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, Brake lights & Auxiliary socket

TYRES

Front	7.50-16 (6PR)
Rear	18.4/15-30 (8 PR)

TRACK ADJUSTMENT

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

CAPACITIES

Fuel Tank	108.0 l
Engine sump	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, Top link end, Cat I & II balls, Check chains, Stabiliser chains, Spring suspension seat, Flat top fenders, Operator's & Service Manual.

OPTIONAL EQUIPMENT

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

FRONT AXLE

Type	Heavy Duty Box Section, adjustable
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