



# MF 385

- ▶ High Performance Diesel Low Noise Engine.
- ▶ Reduced Gaseous Emission Under ECE R49.
- ▶ Reduced Smoke Level.
- ▶ Oil Cooler Added For Effective Cooling.
- ▶ Hydrostatic Power Steering.
- ▶ Hydraulically Actuated Efficient oil Immersed Multi- Disc Brake system.
- ▶ Spring Suspension Deluxe Seat.
- ▶ Easy Accessibility to service / Maintenance Points.

# 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 /4.41
No. of cylinders	4
Injection	Direct
Bore	101 mm
Stroke	127.0 mm
Capacity (litres)	4.1
Compression ratio	15.3:1
Aspiration	Natural
Starting aid	Thermostart
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

## ELECTRICS

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

## CLUTCH

Type	Dual clutch
Diameter	305x254 mm

## TRACK ADJUSTMENT

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

## 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	Reciprocating Ferguson Pump
Oil Flow	16.7L/ min
Pressure	21.2 MPa
Lift capacity with lower links horizontal	2,145 kg
Lower links	With Cat. 1 & 11 interchangeable balls

## FRONT AXLE

Type	Heavy Duty Box Section, Adjustable
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## STEERING

Steering	Hydrostatic
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## REAR AXLE AND BRAKES

Brake Type	Oil Immersed, Multi disc
Axle Type	Straddle with epicyclic reduction unit
Brakes Actuation	Hydraulic
Parking Brake	Hand Lever Operated
Brake Pedal	Pendant
Brake Area	1,774 sq.cm

## TYRES

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

## WEIGHTS AND DIMENSIONS

(With 6.00-16 front & 12.4 / 11-28 rear wheel and with full fuel, oil and water)

Weight	
Gross Weight	2,435 kg
Dimensions	
Wheel base	2,286mm
Overall length	3,760mm
Overall width (min)	1,870mm
Height	
Over exhaust	2,485mm
Over steering wheel	1,781mm
Turning circle	
Without brakes	7,502mm
Ground clearance (Under gear box)	501 mm

## CAPACITIES

Fuel Tank	108.0L
Engine sump	7.5L
Cooling system	15.2L
Hydraulic system	36.0L
Brake Oil	0.25L
Oil bath air - cleaner	0.7L

## TRANSMISSION

Type	Sliding spur
Number of gears	8 forward 2 reverse

Road speed at 2,250 engine rpm with 16.9/14-30 rear tyres

Gear	Speed (km/hr)
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



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