

# MF375 - 75HP 2WD



# MF 375 Specifications

## PERFORMANCE

Engine power at 2,200 rpm	75 (B.S.) hp
Torque at 1,400 Engine rpm	290Nm
PTO power at rated engine speed	69.5 hp*
PTO power at 540 rpm	63.0 hp

\*Engine certified to BS.AU 141a: (1971)

## 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	Cerametalllic

## TRANSMISSION

Type	Sliding spur
Number of gears	8 forward, 2 reverse
Road speed at 2,000 engine rpm with 16.9/14x30 rear tyres	
Gear	Speed (km/hr)
Forward 1 (first low)	2.65
Forward 2	3.89
Forward 3	5.32
Forward 4	7.14
Forward 5 (first high)	10.62
Forward 6	15.57
Forward 7	21.27
Forward 8	28.56
Reverse 1 (low)	3.61
Reverse 2 (high)	14.45

## 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	16.7 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

## 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.

## STEERING

Type	Hydrostatic
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## FRONT AXLE

Type	Heavy Duty Box Section, Adjustable
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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 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, Brake lights & Auxiliary socket

## TYRES

Front	7.50-16 (6PR)
Rear	16.9/14-30 (6 PR)

## TRACK ADJUSTMENT

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

## WEIGHT AND DIMENSIONS (Approx.)

(With 7.50-16 front and 16.9/14-30 rear wheel and with full fuel, oil and water)

Weight	
Gross Weight	2,295 kg
Dimensions	
Wheel base	2,170 mm
Overall length	3,670 mm
Width (min.)	1,970 mm
Height	
Over Exhaust	2,485 mm
Over Steering	1,730 mm
Turning circle	
With brakes	7,260 mm
Without brakes	8,095 mm
Ground clearance (Under gear box)	501 mm



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