

Massey Ferguson MF375 - 75 HP With New Features



- Durable & Highly Efficient 4.41 Low Noise Engine.
- New Aerodynamic Look with Stylish Wrapper & Grill.
- Oil Cooler added for Effective Cooling.
- Mid-Mounted Bigger Balancer for reduced engine vibration and smooth running.
- Improved Harness set with Heat Shrinkage Sleeves & Water Proof Couplers.
- Robust Straddle Rear Axle with Epicyclic Reduction Unit.
- Heavy Duty Front Axle & Support.
- New Spring Suspension Deluxe Seat.
- Hydrostatic Power Steering.
- Smart Steering Wheel for Reduced Steering Effort.
- New Highly Effective Headlights and Elegant Indicators.
- Hydraulically actuated Efficient Oil Immersed Multi-Disc Brake System.

Performance

Maximum Engine Power at 2,000 rpm	*75 (B.S) hp
Maximum Torque at 1,400 rpm	290Nm
Maximum PTO Power at Rated Engine Speed	**69.5hp
PTO Power at 540 rpm	63.0 hp
*Certified at BS AU 141a : (1971)	
** Manufacturer's Estimate	

Engine

Type	Diesel 4.248
Number of Cylinders	4
Injection	Direct
Bore	101mm
Stroke	127 mm
Capacity (litres)	4.07 L
Compression Ratio	16 : 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 Under Bonnet

Note: This is a Premium Heavy Duty Engine with Tuffrided Crankshaft for Longer Life in Adverse Condition.

Electrics

Voltage	12V, Negative Earth
Battery	110 Ah
Starter	2.8 kW
Alternator	45 Amp

Clutch

Type	Dual Clutch
Diameter	305,254 mm
Lining Material	Cerametallic

Transmission

Type	Sliding Spur
Number of Gears	8 Forward, 2 Reverse
Road Speed at 2,000 Engine RPM	16.9/14-30 Rear Tyres

Gear	Speed (km/hr)
Forward 1 (First Low)	2.3
Forward 2	3.4
Forward 3	4.7
Forward 4	6.3
Forward 5 (First High)	9.3
Forward 6	13.6
Forward 7	18.6
Forward 8	25.0
Reverse 1 (Low)	3.1
Reverse 2 (High)	12.6

Power Take-Off

Type	Live
Engine Speed at 540 PTO rpm	1,789 rpm
Shaft Diameter	35mm
Number of Splines	6

Hydraulics

Functions	Draft Control Position Control Responce Control Constant Pumping
Pump Type	Reciprocating Ferguson Pump
Max. Oil Flow	16.7 L / min
Max. Pressure	21.2 MPa at Normal Operating Temperature
Max. Lift Capacity with Lower Links Horizontal	2,145 kg
Lower Links	With Cat, I & II Interchangeable Balls

Front Axle

Type	Heavy Duty Box Section, Adjustable
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Steering

Steering	Hydrostatic
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Rear Axle & Brakes

Axle Type	Straddle with Epicyclic Reduction Unit
Brake Type	Oil Immersed Multi-Disc
Brake Paddle	Pendant
Braking Area	1,774 Sq.cm
Brake Actuation	Hydraulic
Parking Brake	Hand Lever Operated

Instrumentation

Gauges	Tachometer, Hour Meter, 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 (6PR)

Track Adjustment

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

Weights & Dimensions

WEIGHT	
Max. Weight Front Axle	942 kg
Max. Weight Rear Axle	1,413 kg
Gross Weight (approx) with Full Fuel, Oil & Water	2,355 kg

DIMENSIONS	
Wheel Base	2,170 mm
Overall Length	3,670 mm
Overall Width (Min)	1,970 mm

HEIGHT	
Over Exhaust	2,485 mm
Over Steering Wheel	1,730 mm

TURNING CIRCLE	
With Brakes	7,260 mm
Without Brakes	8,095 mm

GROUND CLEARANCE	
Under Gear Box	465 mm

Capacities

Fuel Tank	108.0 L
Engine Pump	7.5 L
Cooling System	15.2 L
Hydraulic System	36.0 L
Steering Box	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 End Cat I, Cat I & II Balls, Check Chains, Spring Suspension Seat, & Operator's Manual.

Optional Equipment

Front End Weights, Sun Canopy, Swinging Drawbar, Pintle Hook