

MASSEY FERGUSON

MF 375

Powerful Yet Economical

- Perkins Type 4.248 Efficient Engine
- Easy Maintainable
- Good Pulling Power
- High Capacity Fuel Tank
- Power Steering
- Heavy-Duty Front Axle & Support
- Hydraulically Actuated, Oil-Immersed
- Multi-Disc Brake System with Pendant Paddle



MASSEY FERGUSON

 **AGRIPAK**
INTERNATIONAL

SPECIFICATIONS

PERFORMANCE:

Engine Power at 2200 rpm	75 (B.S.) HP
Torque at 1400 rpm	290 Nm
PTO Power at rated	69.5 hp*
Engine Speed	
PTO Power at 540 rpm	63.0 hp
* Engine certified to BS.AU 141a: (1971)	

ENGINE:

Type Perkins	Diesel / 4.248
No. of Cylinders	4
Injection	Direct
Bore	101mm
Stroke	127 mm (5.0 in)
Capacity	4.07 Liter
Aspiration	Natural
Compression Ratio	16:1
Starting Aid	Thermostart
Throttle Control	Hand and Foot
Cooling	Water
Air Cleaner Type	Oil Bath
Air pre-cleaner	Over-bonnet, Centrifugal
Fuel Filler	Dual, High Capacity
Exhaust	Vertical, Muffler under Bonnet

Note: This is a premium heavy duty engine with full rated crankshaft for longer life in adverse conditions.

ELECTRICS:

Voltage	12 V, Negative Earth
Battery	110 Ah
Starter Motor	2.8 kW
Alternator	45 Amp
Light	Head Lights, Side Lights, Brake Light, Direction Indicators, Rear Work Lamp
Safety Start	Transmission & PTO
Other	Horn

CLUTCH:

Type	Dual
Diameter	305 x 254 mm
Lining Material	Cerametallic

POWER TAKE-OFF:

Type	Live PTO
Speed	@ 540 rev/min is 1789 engine rev/min Single Speed
Shaft Diameter	35 mm (1.375 in)
No. of Splines	6

TYRES:

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

TRANSMISSION:

Type	Sliding Spur
No. of Gears	8 Forward, 2 Reverse
Road Speed @ 2000 engine rpm with 16.9/14x30 rear tyres	
Gear	Speed (km/h)
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)	3.2
Reverse 2 (high)	12.7

HYDRAULICS:

Functions	Draft Control, Piston Control, Response Control, Constant Pumping
Pump Type	Reciprocating Ferguson Pump
Oil Flow	16.7 litre/min
Pressure	21.2 MPa at normal operating temperature
Max. Lift Capacity with lower links horizontal	2145 Kg with Cat I & II Interchangeable Balls

STEERING:

Type	Power
Steering Wheel	Fixed, Padded

FRONT AXLE:

Type	Heavy Duty Box Section, Adjustable
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REAR AXLE & BRAKES:

Axle Type	Straddle with epicyclic reduction unit
Brake Type	Oil Immersed, Multi-Disc
Brake Pedal	Pendant
Braking Area	1774 sq. cm
Brakes Actuation	Hydraulic
Parking Brake	Hand Lever Operated

TRACK ADJUSTMENT:

Front:	1271 - 1881 mm
Rear Pressed:	1423 - 2134 mm (56 - 84 in)

INSTRUMENTATION:

Gauges	Tachometer/Hourmeter, Fuel Level, Battery Level, Water Temperature
Warning Lights	Direction Indicators, Electric Charge, Headlight Main Beam, Low Engine Oil Pressure, Brakes Lights & Auxiliary socket

WEIGHT & DIMENSIONS:

Weight	
Gross Weight	2355 Kg
Dimensions	
Wheel base	2170 mm
Overall Length	3670 mm
Width - Min.	1970 mm
Height	
Over Exhaust	2485 mm
Over Steering Wheel	1730 mm
Turning Circle	
With brakes	7260 mm
Without brakes	8095 mm

Ground Clearance 465 mm (under Gear Box)

CAPACITIES:

Fuel Tank	108.0 liter
Engine Sump	7.5 liter
Cooling System	15.2 liter
Hydraulic System	36.0 liter
Hydrostatic Steering reservoir	2.0 liter
Oil bath air cleaner	0.7 liter
Brake Oil	0.25 liter

STANDARD EQUIPMENT:

Weight Frame without Weights, Standard Tool Box with set of tools, Top Link, Top Link End Cat-I, Cat I & II balls, Check Chains, Stabiliser Chains, Spring suspension seat, Flat T Fenders & Operator's Manual

OPTIONAL EQUIPMENT:

Front end Weight, Swiving Drawbar, Sun Canopy, Pintle Hook and 9 Hole Drawbar

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