

# MILLAT'S

## MF 235 Specifications

### PERFORMANCE

Engine power at 2250 rpm	50 (B.S.) hp*
Torque at 1,600 engine rpm	172 Nm
PTO power at rated engine speed	44 hp*

\*Certified to BS AU 141a: (1971)

\*\*Manufacturer's estimate

### ENGINE

Make / Type	Diesel / AD 3.152
No. of cylinders	3
Injection	Direct
Bore	91.5 mm
Stroke	127 mm
Capacity (litres)	2.5 l
Aspiration	Natural
Compression ratio	16.5 : 1
Starting aid	Thermostat
Throttle control	Hand and foot
Cooling	Water
Air cleaner type	Oil bath
Air pre cleaner	Over bonnet,
Fuel filter	Dual, high capacity
Exhaust	Vertical

### ELECTRICS

Voltage	12 V, Negative Earth
Battery	118 Ah
Starter Motor	2.2kW
Alternator	32 Amp.

### CLUTCH

Type	Dual
Diameter	305X254 mm

### TRANSMISSION

Type	Sliding spur
Number of gears	8 forward, 2 reverse
Road speed at 2,250 engine rpm with 12.4/11-24 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)	3.2
Reverse 2 (High)	12.7

### 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	Reciprocating pump Ferguson Pump
Oil flow	16 l/min
Pressure	19.2 MPa at normal operating temp.
Lift capacity with lower links horizontal	1,415 Kg
Lower links	Cat. I & II with interchangeable balls

### FRONT AXLE

Type	Box Section, Adjustable
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### STEERING

Type	Manual
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### REAR AXLE & BRAKES

Brake type	Out board drum brakes
Actuation	Mechanical, Independent or locked together

Parking brake	Hand Lever Operated
Differential Lock	Mechanical

### INSTRUMENTATION

Gauges	Tachometer, Hourmeter Fuel level, Water temp. & Battery condition
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Warning lights	Direction indicator Electric charge Head light main beam Low engine oil pressure Brake Light & Auxiliary socket
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### TYRES

Front	5.50-16 (8PR)
Rear	12.4/11-24 (12PR)

### TRACK ADJUSTMENT

Front axle	1,245-1,707 mm
Rear axle	1,214-1,930 mm

### WEIGHT AND DIMENSIONS (APPROX)

(With 5.50-16 Front & 12.4/11-24 rear wheel and with full fuel, oil and water)

#### Weight

Gross Weight (Approx)	1,515 Kg
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#### Dimensions

Wheel base	1,892 mm
Overall length	3,240 mm
Overall Width	1,604 mm

#### Height

Over exhaust	1,905 mm
Over steering wheel	1,386 mm

#### Turning Circle

With brakes	5,710 mm
Without brakes	6,277 mm

#### Ground Clearance

Under gear box	295 mm
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### CAPACITIES

Fuel tank	50 l
Engine sump	6.96 l
Cooling System	11.7 l
Steering box	0.75 l
Hydraulic system	33.0 l
Oil bath air cleaner	0.65 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, Spring suspension seat, Shell fenders, Operator's and service manual

### OPTIONAL EQUIPMENT

Front end weights, Swinging drawbar, Sun canopy, Pintle Hook and 9 Hole drawbar & Roll Over Protection System

#### Note:

Millat Tractors Ltd. Reserve the right to change specifications without prior notice

Manufacturer's of Massey Ferguson Tractors, Diesel Engines, Gen. Sets, Forklift Trucks and Agricultural Implements under license.

(\* Approximately)



The Heartbeat of the Farmers...

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