

MILLAT'S MF 235




SPECIALLY DESIGNED FOR ORCHARDS & NARROW SPACES

- ▶ Smaller in Size & Bigger in Power.
- ▶ Economical in Use.
- ▶ Spare Parts & After Sales Services available across the country.
- ▶ Suitable for all types of Haulage & Tillage Operations including PTO work like, Tube well, Thresher, Rotavator & Lawn mower.



The Heartbeat of the Farmers...

MILLAT TRACTORS LIMITED

For further info:
You  **Tube** Millat Tractors Limited Official
 Millat Tractors Limited
 www.millat.com.pk

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



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