



# MILLAT'S

## MF 235 2WD (50 HP)

### "Specially Designed for Orchards & Narrow Spaces"

- Smaller in Size & Bigger in Power
- 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
- Economical in use
- Rear View Mirror
- Magnetic Drain Plug
- Mobile Charging Port
- Maintenance Free Battery
- Wider Heat Shield



Heavy Duty Top Link



Heavy Duty Yoke Tubes



Radiator Bottle and Coolant



Single Earth Wiring



The Heartbeat of the Farmers...

**MILLAT TRACTORS LIMITED**

For further info:  
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www.millat.com.pk

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## MF 235 Specifications

### PERFORMANCE

Engine power at 2250 rpm	50 (B.S.) hp*
Torque at 1400 engine rpm	172 Nm
PTO power at rated engine speed	44.0 hp**
*Certified to BS AU 141a: (1971)	
**Manufacturer's estimate	

### ENGINE

Type	Diesel AD3.152
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, air swirl
Fuel filter	Dual, high capacity
Exhaust	Vertical muffler
Oil drain plug	Magnetic

### ELECTRICS

Voltage	12 V, Negative earth
Battery	88 Ah (Maintenance free)
Alternator/Starter Motor	34A / 1.8 KW

### CLUTCH

Type	Dual
Diameter	305X254 mm

### TRANSMISSION

Type	Sliding spur
Number of gears	8 forward, 2 reverse
Road speed at 2250 engine rpm with 12.4/11-24 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	16.7 l/min
Pressure	19.2 MPa at normal operating temp.
Lift capacity at lower links end with lower links horizontal	1415 kg
Lower links	With Cat I & CAT II interchangeable balls Adjustable Heavy Duty Yoke Tubes

### STEERING

Type	Manual
FRONT AXLE	
Type	Box Section, adjustable

### REAR AXLE & BRAKES

Brake type	Out board Drum Brakes
Brakes actuation	Mechanical
Parking brake	Hand lever operated

### INSTRUMENTATION

Gauges	Tachometer, Hourmeter Fuel level, Water temp. & Battery condition
Warning lights	Direction indicator Electric charge Head light main beam Low engine oil pressure indication light

### TYRES

Front	5.50-16
Rear	12.4/11-24

### TRACK ADJUSTMENT

Front axle	1327-2105 mm
Rear axle	1490-1891 mm

### WEIGHT AND DIMENSIONS (APPROX)

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

Weight	
Gross Weight	1570 kg
Dimensions	
Overall length	3210 mm
Overall width	1585 mm
Wheel base	1870 mm
Height	
Over exhaust	1940 mm
Over steering wheel	1370 mm
Turning Circle	
Without brakes	7050
Ground Clearance	
Under engine sump	325

### CAPACITIES

Fuel tank	50
Engine sump	6.8
Cooling capacity	11 l
Hydraulic system	33.0 l
Oil bath air cleaner	0.75 l
Steering box	0.75 l

### STANDARD EQUIPMENT

Weight frame , Standard tool box with set of tools, Top link, USB port Top link end Cat-I & II balls, Check chains, Spring suspension seat, Shell Type fenders, Rear view mirror ,Operator's and service manual

### OPTIONAL EQUIPMENT

Swinging drawbar, Front weights, Pintle Hook and 9 Hole drawbar.

### OPERATOR AREA

Seat	Cushioned
Fenders	Shell Type
Tool	Standard

### Note:

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



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**MILLAT TRACTORS LIMITED**

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