

HP/Nm
50/172

MF240/2

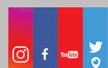
Simple yet powerful machinery
specially for Normal Working Environment
Available in 2-Wheel Drive



VISION INNOVATION LEADERSHIP QUALITY RELIABILITY SUPPORT PRIDE COMMITMENT

AGRIMONT®

Agrimont Industrial Group, Dubai, U.A.E



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MF 240/2

50 BS Horsepower 2-wheel drive tractor according to Normal Requirements

PERFORMANCE:

Engine Power at 2250 rpm	50 (B.S) HP
Torque at 1350 rpm	172 Nm
PTO Power at rated	44 hp*
Engine Speed	
PTO Power at 540 rpm	39.0 hp
* Engine certified to BS.AU 141a	

ENGINE:

Type	Diesel AD 3.152
No. of Cylinders	3
Injection	Direct Injection
Bore	91.44 mm (3.6 in)
Stroke	127 mm (5.0 in)
Capacity	2.5 Liter (152.7 Cu. Ins.)
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 under Bonnet

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

ELECTRICS:

Voltage	12 V, Negative Earth
Battery	96 Ah
Alternator/Starter	32 Amp / 45 Amp
Light	Head Lights, Side Lights, Brake Light, Direction Indicators, Rear Work Lamp
Safety Start	Transmission & PTO
Other	Horn 7 Pin Trailer Socket

CLUTCH:

Type	Dual
Operation	305 x 254 mm (12 x 10 in)

POWER TAKE-OFF:

Type	Live PTO
Operation	Dual clutch, pedal operated
Speed	540 rev/min
@ engine speed	1789 rev/min
Shaft Diameter	35 mm (1.375 in)
No. of Splines	6

WHEELS AND TYRES:

Front	6.00-16 6PR Pressed
Rear	12.4/11-28 6PR Pressed

TRANSMISSION:

8 Speed Sliding Spur	8 Forward, 2 Reverse
Road Speed - At rated engine speed with 12.4/11x28 rear tyres	
<u>Gear</u>	<u>8 Speed (km/h)</u>
Forward 1 (first low)	2.7
Forward 2	3.9
Forward 3	5.3
Forward 4	7.2
Forward 5 (first high)	10.6
Forward 6	15.4
Forward 7	21.3
Forward 8	28.6
Reverse 1 (low)	3.6
Reverse 2 (high)	14.5

HYDRAULICS:

Functions	Draft Control, Position Control, Response Control, Constant Pumping
Pump Type	Reciprocating Ferguson Pump
Maximum Oil Flow	16 litre/min
Maximum Pressure	19.2 MPa at normal operating temperature
Max. Lift Capacity with lower links horizontal	1415 Kg with Cat 1 & 2, Inter-changeable Ball end, Linkage check chain

FRONT AXLE:

Type	Adjustable
Steering	Manual Standard (Hydrostatic is Optional)

REAR AXLE & BRAKES:

Front Drive	Outboard epicyclic
Brake Type	Drum Brake
Actuation	Mechanical, Independent Locked together
Parking Brake	Hand Lever Operated
Differential Lock	Mechanical
Dimensions	355mm x 50mm (14in x 2in)

TRACK ADJUSTMENT:

Front:	1245 - 1854 mm
Rear:	1321 - 1930 mm

OPERATOR AREA:

Seat	Cushioned or spring suspension
Fenders	Flat Top

INSTRUMENTATION:

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

WEIGHTS & DIMENSIONS:

Weight with full fuel, Oil and Water.
Weight - Total 1690 Kg

Dimensions

Length - Overall	3260 mm
Width - minimum	1651 mm
Height - over exhaust	2145 mm
- over steering Wheel	1410 mm
Wheel base	1892 mm
Turning Circle	
- With brakes	5560 mm
- Without brakes	6200 mm

Ground Clearance 338 mm (under Gear Box)

CAPACITIES:

Fuel Tank	47.5 liter
Engine Sump	6.8 liter
Cooling System	10.2 liter
Hydraulic System	33.0 liter
Steering Box	0.9 liter
Oil bath air cleaner	0.65 liter

STANDARD EQUIPMENT:

Weight Frame with Quick Attach Front Weights, Tool Box with Spanner set, Sun Canopy ROPS Style, Swinging Draw Bar, Top Link and its Ends, Cat-2 balls, Check Chains, Stabiliser Chains, Spring Suspension Seat, Hydraulic Independent Controls, Service "Fieldkit" and Operator's Manual

OPTIONAL EQUIPMENT:

Cabin (A/C Non-A/C), 9 Hole Drawbar, Pintle Hook (Heavy Duty), Auto Hitch, External Electric Switch, PTO Belt Pulley International Warranty Tool Kit

For further information please contact:



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