

HP/Nm
75/290

MF375 4x4

Simple yet powerful machinery
specially for Economical Farming
Available in 4-Wheel Drive



VISON INNOVATION LEADERSHIP QUALITY RELIABILITY SUPPORT PRIDE COMMITMENT

AGRIMONT®

Agrimont Industrial Group, Dubai, U.A.E



AgrimontGroup

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MF 375 4x4

75 BS Horsepower 4-wheel drive tractor

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	Diesel 4.41
No. of Cylinders	4
Injection	Direct
Bore	101mm
Stroke	127 mm (5.0 in)
Capacity	4.07 Liter
Aspiration	Natural
Compression Ratio	16.0:1
Starting Aid	Thermostat
Throttle Control	Hand and Foot
Cooling	Water
Air Cleaner Type	Oil Bath
Air pre-cleaner	Over-bonnet, Centrifugal
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	110 Ah
Alternator/Starter	45 Amp/2.8 kW
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)
Lining Material	Cerametallic

POWER TAKE-OFF:

Type	Live
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	12.4-24 6PR Pressed
Rear	16.9/14-30 6PR Pressed
	Optional 13.6-38 6PR Pressed

TRANSMISSION:

8 Speed Sliding Spur 8 Forward, 2 Reverse	
Road Speed - At rated engine speed with 16.9/14x30 rear tyres	
<u>Gear</u>	<u>8 Speed (km/h)</u>
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, Position Control, Response Control, Constant Pumping
Pump Type	Reciprocating Ferguson Pump
Maximum Oil Flow	16.7 litre/min
Maximum Pressure	21.2 MPa at normal operating temperature
Max. Lift Capacity with lower links horizontal	2145 Kg with Cat 2, Interchangeable Ball end, Linkage check chain

FRONT AXLE - 4WD:

Axle Type	Parallel Drive
Engagement	Mechanical
Steering	Hydrostatic

REAR AXLE & BRAKES:

Front Drive	Outboard epicyclic
Brake Type	Oil Immersed, Multi-Disc
Actuation	Hydraulic
Brake Pedal	Pendant
Braking Area	1774 sq.cm
Parking Brake	Hand Lever Operated
Differential Lock	Mechanical

TRACK ADJUSTMENT:

Front:	1376 - 1944 mm
Rear:	1423 - 2134 mm (56 - 84 in)

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 & Auxilliary socket

WEIGHTS & DIMENSIONS:

Weight with full fuel, Oil and Water.
Weight - Total 2355 Kg

Dimensions

Length - Overall	3670 mm
Width - minimum	1970 mm
Height - over exhaust	2485 mm
- over steering Wheel	1730 mm

Wheel base	2170 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	47.4 liter
Hydrostatic Steering reservoir	2.0 liter
Oil bath air cleaner	0.7 liter
Brake Oil	0.25 liter
4WD Front Axle Differential	5.6 liter
Hub each Side	1 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, Auto Hitch, External Electric Switch, PTO Belt Pulley International Warranty Tool Kit



For further information please contact:



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