

HP/Nm  
85/291

# MF385 4x4

Simple yet powerfull machinery  
Available in 4-Wheel Drive

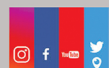


Open Station - Closed Station  
with Air-condition options

VISION INNOVATION LEADERSHIP QUALITY RELIABILITY SUPPORT PRIDE COMMITMENT

## AGRIMONT®

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# MF 385 4x4

85 BS Horsepower 4-wheel drive tractor

## PERFORMANCE:

|                                    |         |
|------------------------------------|---------|
| Max. Engine power @ 2,200 rpm      | 85 hp*  |
| Max. Torque at 1,600 engine rpm    | 291 Nm  |
| Max. PTO power at 2,200 Engine rpm | 70 hp** |

\*Certified to BS AU 141a

\*\* Manufacturer's Estimate

## ENGINE:

|                   |                                       |
|-------------------|---------------------------------------|
| Type              | Diesel 4.41                           |
| No. of Cylinders  | 4                                     |
| Injection         | Direct                                |
| Bore              | 101 mm                                |
| Stroke            | 127 mm (5.0 in)                       |
| Capacity          | 4.1                                   |
| Aspiration        | Natural                               |
| Compression Ratio | 15.3:1                                |
| Starting Aid      | Thermostart                           |
| Throttle Control  | Hand and Foot                         |
| Cooling           | Water                                 |
| Air Cleaner Type  | Oil Bath                              |
| Air Pre-Cleaner   | Over bonnet air swirl                 |
| Fuel Filter       | Dual high capacity<br>With sedimentor |
| Exhaust           | Vertical; muffler<br>under bonnet     |
| Oil Cooler        | Water Cooled                          |

## ELECTRICS:

|                    |                                                                                     |
|--------------------|-------------------------------------------------------------------------------------|
| Voltage            | 12V, Negative Earth                                                                 |
| Battery            | 96 or 110 Ah                                                                        |
| Alternator/Starter | 45 A/2.8 kW                                                                         |
| Light              | Head Lights, Side Lights<br>Brake Light, Direction<br>Indicators, Rear Work<br>Lamp |
| Safety Start       | Transmission & PTO                                                                  |
| Other              | Horn<br>7 Pin Trailer Socket                                                        |

## CLUTCH:

|                 |              |
|-----------------|--------------|
| Type            | Dual         |
| Diameter        | 305x254 mm   |
| Lining Material | Cerametallic |

## POWER TAKE-OFF:

|                |                         |
|----------------|-------------------------|
| Type           | Live                    |
| Operation      | Dual clutch, pedal opr. |
| 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                         | 18.4 / 15-30 6PR Pressed |
| Optional 13.6-38 6PR Pressed |                          |



## TRANSMISSION:

|                                                               |
|---------------------------------------------------------------|
| 8 Speed Sliding Spur 8 Forward, 2 Reverse                     |
| Road Speed - At rated engine speed with 18.4/15-30 Rear Tyres |

| Gear                   | 8 Speed (km/hr) |
|------------------------|-----------------|
| Forward 1 (first low)  | 2.7             |
| Forward 2              | 3.7             |
| Forward 3              | 5.1             |
| Forward 4              | 6.8             |
| Forward 5 (first high) | 10.4            |
| Forward 6              | 15.2            |
| Forward 7              | 20.8            |
| Forward 8              | 27.9            |
| Reverse 1 (low)        | 3.5             |
| Reverse 2 (high)       | 14.1            |

## HYDRAULICS:

|                                                         |                                                                                |
|---------------------------------------------------------|--------------------------------------------------------------------------------|
| Function                                                | Draft, Position & Response<br>Control, Constant pumping                        |
| Pump Type                                               | 4 Piston, Ferguson pump                                                        |
| Maximum Out put                                         | 16.7 liters / min                                                              |
| Maximum pressure                                        | 21 MPa (205 bars) at Normal<br>Operating Temperature                           |
| Maximum lift capacity<br>with Lower links<br>horizontal | 2145 kg<br>with Category 2<br>Interchangeable ball end,<br>linkage check chain |

## FRONT AXLE - 4WD:

|            |                |
|------------|----------------|
| Axle Type  | Parallel Drive |
| Engagement | Mechanical     |
| Steering   | Hydrostatic    |

## REAR AXLE & BRAKES:

|                   |                                      |
|-------------------|--------------------------------------|
| Axle Type         | Straddle with epicyclic<br>Reduction |
| Brake Type        | Oil immersed, Multi-Disc             |
| Actuation         | Hydraulic                            |
| Brake Pedal       | Pendant                              |
| Brakes Area       | 1,774 Sq. cm.                        |
| Parking Brake     | Hand Lever Operated                  |
| Differential Lock | Mechanical                           |

## CAPACITIES:

|                             |          |
|-----------------------------|----------|
| Fuel Tank                   | 108 lit  |
| Engine Sump                 | 7.5 lit  |
| Air Cleaner Oil Bath        | 0.7 lit  |
| Cooling System              | 15.2 lit |
| Hydraulic System            | 47.4 lit |
| Power Steering Reservoir    | 2 lit    |
| 4WD Front Axle Differential | 5.6 lit  |
| Hub each Side               | 1 lit    |

## TRACK ADJUSTMENT:

|            |                |
|------------|----------------|
| Front Axle | 1376 - 1944 mm |
| Rear Axle  | 1423 - 2134 mm |

## INSTRUMENTATION:

|                |                                                                                                                                           |
|----------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| Gauges         | Tachometer, Hourmeter,<br>Fuel lever, Water<br>Temperature & Battery Level                                                                |
| Warning Lights | Direction Indicators<br>Electric Charge,<br>Headlight Main Beam,<br>Low Engine Oil Pressure,<br>Auxiliary Socket<br>4WD Indication Lights |

## WEIGHT & DIMENSIONS:

Weight with full fuel, Oil and Water

|                |         |
|----------------|---------|
| Weight - Total | 3011 kg |
| Weight - Front | 1429 kg |
| Weight - Rear  | 1582 kg |

## Dimensions

|                       |         |
|-----------------------|---------|
| Length - Overall      | 3810 mm |
| Width - minimum       | 1871 mm |
| Height - over exhaust | 2485 mm |
| - over steering wheel | 1781 mm |

|                |                          |
|----------------|--------------------------|
| Wheel Base     | 2350 mm                  |
| Turning Circle | - Without Brakes 8518 mm |

## Ground Clearance

|                               |        |
|-------------------------------|--------|
| - Under Gearbox               | 501 mm |
| - Under 4WD Front 395 mm Axle |        |

## OPERATOR AREA:

|         |                                   |
|---------|-----------------------------------|
| Seat    | Cushioned or Spring<br>Suspension |
| Fenders | Flat Top                          |

## STANDARD EQUIPMENT:

Weight Frame without Quick Attach Front Weights  
Tool Box with Spanner Set  
Top Link and its Ends  
Cat-2 Balls  
Check Chains & Chain Stabilisers  
Spring Suspension Seat  
Operator's Manual

## OPTIONAL EQUIPMENT / ACCESSORIES:

Sun Canopy ROPS Style  
Swinging Draw Bar  
Cabin (A/C Non-A/C)  
Hydraulic Independent Controls  
9-Hole Draw Bar,  
Pintle Hook, Auto Hitch  
External Electric Switch  
PTO Belt Pulley  
Service "Fieldkit" and  
International Warranty Tool Kit

For further information please contact:

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