



## **Massey Ferguson MF-375 Tractor**

**(2-WD | 75-HP)**

### **Specifications:-**

| Performance                       |               |
|-----------------------------------|---------------|
| Engine Power At 2,250 RPM         | 75 (B.S.) HP* |
| Torque At 1,400 Engine RPM        | 290 Nm        |
| PTO Power At Rated Engine Speed   | 69.5 HP**     |
| PTO Power At 540 RPM              | 63.0 HP       |
| * Certified To BS AU 141a: (1971) |               |
| Engine                            |               |
| Type                              | Diesel / 4.41 |

|                   |                                |
|-------------------|--------------------------------|
| No. Of Cylinders  | 4                              |
| Injection         | Direct                         |
| Bore              | 101 mm                         |
| Stroke            | 127 mm                         |
| Capacity (Liters) | 4.1 L                          |
| Aspiration        | Natural                        |
| Compression Ratio | 15.3:1                         |
| 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 |
| Oil Cooler        | Water Cooled                   |
| <b>Electrics</b>  |                                |
| Voltage           | 12V, Negative Earth            |
| Battery           | 118 Ah                         |

|                                     |                       |
|-------------------------------------|-----------------------|
| Starter Motor                       | 2.8 KW                |
| Alternator                          | 45 Amp.               |
| <b>Clutch</b>                       |                       |
| Type                                | Dual Clutch           |
| Diameter                            | 305*254 mm            |
| Lining Material                     | Cerametallic          |
| <b>Transmission</b>                 |                       |
| Type                                | Sliding Spur          |
| Number of Gears                     | 8 Forward, 2 Reverse  |
| Road Speed At 2,200 Engine RPM With | 16.9/14-30 Rear Tires |
| Gear                                | Speed (Km/Hr.)        |
| Forward 1 (First Low)               | 2.65                  |
| Forward 2                           | 3.89                  |
| Forward 3                           | 5.32                  |
| Forward 4                           | 7.14                  |
| Forward 5 (First High)              | 10.82                 |
| Forward 6                           | 15.57                 |
| Forward 7                           | 21.27                 |

|                                                   |                                                                     |
|---------------------------------------------------|---------------------------------------------------------------------|
| Forward 8                                         | 28.56                                                               |
| Reverse 1 (Low)                                   | 3.61                                                                |
| Reverse 2 (High)                                  | 14.45                                                               |
| <b>Power Take-Off</b>                             |                                                                     |
| Type                                              | Live                                                                |
| Engine Speed At 540 PTO RPM                       | 1,789 RPM                                                           |
| Shaft Diameter                                    | 35 mm                                                               |
| No. Of Splines                                    | 6                                                                   |
| <b>Hydraulics</b>                                 |                                                                     |
| Functions                                         | Draft Control, Position Control, Response Control, Constant Pumping |
| Pump Type                                         | Reciprocating Ferguson Pump                                         |
| Oil Flow                                          | 16.7 L / min                                                        |
| Pressure                                          | 21.2 MPa At Normal Operating Temperature                            |
| Max. Lift Capacity With Lower Links<br>Horizontal | 2,145 kg                                                            |
| Lower Links                                       | With Cat. I & II Interchangeable Balls                              |
| <b>Front Axle</b>                                 |                                                                     |
| Type                                              | Heavy Duty Box Section, Adjustable                                  |

|                             |                                                                                                                      |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------|
| <b>Steering</b>             |                                                                                                                      |
| Type                        | Hydrostatic                                                                                                          |
| <b>Rear Axle And Brakes</b> |                                                                                                                      |
| Brake Type                  | Oil Immersed                                                                                                         |
| Brake Disc Type             | Multi-Disc                                                                                                           |
| Axle Type                   | Straddle With Epicyclic Reduction Unit                                                                               |
| Brake Pedal                 | Pendant                                                                                                              |
| Braking Area                | 1,774 Sq. cm                                                                                                         |
| Brakes Actuation            | Hydraulic                                                                                                            |
| Parking Brake               | Hand Lever Operated                                                                                                  |
| <b>Instrumentation</b>      |                                                                                                                      |
| Gauges                      | Tachometer, Houmeter, Fuel Level, Battery Condition & Water Temperature                                              |
| Warning Lights              | Direction Indicators, Electric Charge, Headlight Main Beam, Low Engine Oil Pressure, Brake Lights & Auxiliary Socket |
| <b>Tires</b>                |                                                                                                                      |
| Front                       | 7.50-16 (6 PR)                                                                                                       |
| Rear                        | 16.9/14-30 (6 PR)                                                                                                    |

| Track Adjustment                                                                  |                  |
|-----------------------------------------------------------------------------------|------------------|
| Front Axle                                                                        | 1,271 – 1,881 mm |
| Rear Axle                                                                         | 1,423 – 2,134 mm |
| Weight And Dimensions (Approx.)                                                   |                  |
| (With 7.50-16 Front And 16.9/14-30 Rear Wheel And With Full Fuel, Oil, And Water) |                  |
| Weight                                                                            |                  |
| Gross Weight (Approx.)                                                            | 2,295 Kg         |
| Dimensions                                                                        |                  |
| Wheel Base                                                                        | 2,170 mm         |
| Overall Length                                                                    | 3,670 mm         |
| Overall Width (min.)                                                              | 1,970 mm         |
| Height                                                                            |                  |
| Over Exhaust                                                                      | 2,485 mm         |
| Over Steering Wheel                                                               | 1,730 mm         |