

MILLAT'S Massey Ferguson

MF 385 Deluxe 4WD Specifications

PERFORMANCE

| | |
|---------------------------------|---------------|
| Engine power at 2200 rpm | 85 (B.S.) hp* |
| Torque at 1600 engine rpm | 300 Nm |
| PTO power at rated engine speed | 72 hp** |

*Certified to BS AU 141a: (1971)

**Manufacturer's estimate

ENGINE

| | |
|-------------------|-------------------------------|
| Type | Diesel / 4.41 |
| No. of cylinders | 4 |
| Injection | Direct |
| Bore | 101 mm |
| Stroke | 127 mm |
| Capacity (litres) | 4.1 |
| 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 |
| Oil drain plug | Magnetic |

ELECTRICS

| | |
|--------------------------|--------------------------|
| Voltage | 12 V, Negative earth |
| Battery | 88 Ah (Maintenance free) |
| Alternator/Starter Motor | 34A / 2.2 KW |

CLUTCH

| | |
|-----------------|---------------|
| Type | Dual (Damper) |
| Diameter | 305X254 mm |
| Lining material | Cerametalllic |

TRANSMISSION

| | |
|------------------------------------|----------------------|
| Type | Sliding spur |
| Number of gears | 8 forward, 2 reverse |
| Road speed at 2200 engine rpm with | |

| | |
|------------------------|---------------|
| 18.4/15-30 tyres | |
| Gear | Speed (Km/hr) |
| Forward 1 (First low) | 2.8 |
| Forward 2 | 4.2 |
| Forward 3 | 5.7 |
| Forward 4 | 7.6 |
| Forward 5 (First high) | 11.4 |
| Forward 6 | 16.6 |
| Forward 7 | 22.7 |
| Forward 8 | 30.5 |
| Reverse 1 (Low) | 3.9 |
| Reverse 2 (High) | 15.5 |

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 | 21.2 MPa at normal operating temp. |
| Lift capacity at lower links end with lower links horizontal | 2,529 Kg |
| Lower links | CAT-II Fixed balls Adjustable Heavy duty yoke tubes and Heavy duty links |

STEERING

| | |
|------|-------------|
| Type | Hydrostatic |
|------|-------------|

FRONT AXLE

| | |
|------|------------------------------------|
| Type | Heavy Duty Box Section, adjustable |
|------|------------------------------------|

REAR AXLE & BRAKES

| | |
|-------------------|--|
| Axle type | Straddle with epicyclic reduction unit |
| Brake pedal | Pendant |
| Brake type | Oil immersed, multi-disc |
| Braking area | 1,774 Sq. cm |
| Brakes actuation | Hydraulic |
| Parking brake | Hand lever operated |
| Differential lock | Mechanical |

INSTRUMENTATION

| | |
|----------------------------|--|
| Multi functional dashboard | Tachometer, Hourmeter, PTO RPMs |
| Warning lights | Fuel level, Water temp. Direction indicator, 4WD Engagement Electric charge Differential Lock |
| | Head light high & low beam Low engine oil pressure indication light, Low Fuel Warning, PTO Engagement & Auxiliary socket |

TYRES

| | |
|-------|------------|
| Front | 12.4 - 24 |
| Rear | 18.4/15-30 |

TRACK ADJUSTMENT

| | |
|------------|----------------|
| Front axle | 1,734-2,266 mm |
| Rear axle | 1,924-2,326 mm |

WEIGHT AND DIMENSIONS (APPROX)

(With 12.4-24 Front & 18.4/15-30 rear wheel with full fuel, oil and water)

| | |
|---------------------|----------|
| Weight | |
| Gross Weight | 3,105 kg |
| Dimensions | |
| Overall length | 3,810 mm |
| Overall width | 2,020 mm |
| Wheel base | 2,260 mm |
| Height | |
| Over exhaust | 2,700 mm |
| Over steering wheel | 1,725 mm |
| Turning Circle | |
| Without brakes | 9,680 mm |
| Ground Clearance | |
| Under engine sump | 450 mm |

CAPACITIES

| | |
|-----------------------------|---------|
| Fuel tank | 108.0 l |
| Engine sump | 7.5 l |
| Cooling capacity | 16 l |
| Hydraulic system | 42 l |
| Power steering reservoir | 02 l |
| Oil bath air cleaner | 0.75 l |
| Brake oil | 0.25 l |
| 4WD front axle differential | 6.5 l |
| Hub each side | 0.75 l |

STANDARD EQUIPMENT

Weight frame, Sun canopy, Rear Counter Weights(200kg), Standard tool box with set of tools, Top link, USB port Top link end Cat-I & II balls, Check chains, Stabiliser chains, Spring suspension seat, Flat top fenders, Rear view mirror, Operator's and service manual, Wider heat shield.

OPTIONAL EQUIPMENT

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

OPERATOR AREA

| | |
|-------------------|-----------|
| Seat | Cushioned |
| Operator Platform | Spacious |
| Fenders | Flat top |
| Tool | Standard |

Note:

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