

MILLAT'S

MF 375 Specifications

PERFORMANCE

| | |
|---------------------------------|--------------|
| Engine power at 2,200 rpm | 75 (B.S) hp* |
| Torque at 1,600 rpm | 276 Nm |
| PTO power at rated engine speed | 69.5 hp** |
| PTO power at 540 rpm | 63.0 hp |

*Engine certified to BS.AU 141a: (1971)

** Manufacturer's estimate

ENGINE

| | |
|-------------------|-------------------------------|
| Make / 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 | 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 |
| Exhaust | Vertical muffler under bonnet |
| Oil Cooler | Water Cooled |

ELECTRICS

| | |
|---------------|---------------------|
| Voltage | 12V, Negative Earth |
| Battery | 118 Ah |
| Starter Motor | 2.8 kW |
| Alternator | 45 Amp. |

CLUTCH

| | |
|-----------------|-------------|
| Type | Dual clutch |
| Diameter | 305x254 mm |
| Lining material | Cermetallic |

TRANSMISSION

| | |
|-----------------------------------------------------------|----------------------|
| Type | Sliding spur |
| Number of gears | 8 forward, 2 reverse |
| Road speed at 2,250 engine rpm with 16.9/14-30 rear tyres | |

| 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 |

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 Ferguson Pump |
| Oil Flow Pressure | 16.7ℓ / min 21.2 Mpa at normal operating temperature |
| Lift capacity with lower links horizontal | 2,145 kg |
| Lower links | With Cat. I & II interchangeable balls |

STEERING

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

FRONT AXLE

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

REAR AXLE AND BRAKES

| | |
|-----------------|----------------------------------------|
| Axle Type | Straddle with epicyclic reduction unit |
| Brake Type | Oil immersed, multi-disc |
| Brake Pedal | Pendant |
| Brake Area | 1,774 sq.cm |
| Brake Actuation | Hydraulic |
| Parking brake | Hand lever operated |

INSTRUMENTATION

| | |
|--------|--------------------------------------------------------------------------|
| Gauges | Tachometer, Hourmeter, Fuel level, Battery condition & Water temperature |
|--------|--------------------------------------------------------------------------|

| | |
|----------------|----------------------------------------------------------------------------------------------------------------------|
| Warning lights | Direction indicators, Electric charge, Headlight main beam, Low engine oil pressure, Brake lights & Auxiliary socket |
|----------------|----------------------------------------------------------------------------------------------------------------------|

TYRES

| | |
|-------|-----------------------|
| Front | 7.50 - 16 (6PR) |
| Rear | 16.9 / 14 - 30 (6 PR) |

TRACK ADJUSTMENT

| | |
|-------|------------------|
| Front | 1,271 - 1,881 mm |
| Rear | 1,423 - 2,134 mm |

WEIGHT AND DIMENSIONS (*)

(With 7.50-16 front & 16.9 / 14-30 rear wheel and with full fuel, oil and water)

| | |
|---------------|----------|
| Weight | |
| Gross Weight | 2,360 kg |

| | |
|---------------------|---------|
| Dimensions | |
| Wheel base | 2,170mm |
| Overall length | 3,670mm |
| Overall width (min) | 1,970mm |

| | |
|---------------------|---------|
| Height | |
| Over exhaust | 2,485mm |
| Over steering wheel | 1,730mm |

| | |
|-----------------------|---------|
| Turning circle | |
| With brakes | 7,260mm |
| Without brakes | 8,095mm |

| | |
|---------------------------------------------|--------|
| Ground clearance (Under gear box) | 501 mm |
|---------------------------------------------|--------|

CAPACITIES

| | |
|------------------------------|--------|
| Fuel Tank | 108.0ℓ |
| Engine sump | 7.66ℓ |
| Cooling system | 15.2ℓ |
| Hydraulic system | 38.0ℓ |
| Hydraulic Steering reservoir | 1.75ℓ |
| Oil bath air - cleaner | 0.75ℓ |
| Brake oil | 0.25ℓ |

STANDARD EQUIPMENT

Weight frame without weights, Standard tool box with set of tools, Top link, Top link end Cat I & II balls, Check Chain, Stabiliser Chains, Spring suspension seat, Flat top fenders & Operator's and service manual.

OPTIONAL EQUIPMENT

Front end weights, Swinging drawbar, Sun Canopy, Pintle Hook and 9 Hole drawbar.

Note:

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

(*) Approximately

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LEADERS ALL THE WAY...

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