

# Specifications

## PERFORMANCE

Engine power at 2,200 rpm	75 (B.S) hp*
Torque at 1,400 rpm	290 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

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
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	Cerametallic

## TRANSMISSION

Type	Sliding spur
Number of gears	8 forward, 2 reverse
Road speed at 2,200 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)	10.62
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	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	16.7 l / min
Pressure	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
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## FRONT AXLE

Type	Heavy Duty Box Section, Adjustable
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## REAR AXLE AND BRAKES

Axle Type	Straddle with epicyclic reduction unit
Brake Type	Oil immersed, multi-disc
Brake Pedal	Pendant
Braking Area	1,774 sq.cm
Brakes 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 Axle	1,271 - 1,881 mm
Rear Axle	1,423 - 2,134 mm

## WEIGHTS AND DIMENSIONS (\*)

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

### Weight

Gross Weight	2,295 kg
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### Dimensions

Wheel base	2,170 mm
Overall length	3,670 mm
Width (min.)	1,970 mm

### Height

Over Exhaust	2,485 mm
Over Steering	1,730 mm

### Turning circle

With brakes	7,260 mm
Without brakes	8,095 mm

Ground clearance (Under gear box)	501 mm
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## CAPACITIES

Fuel Tank	108.0 l
Engine sump	7.5 l
Cooling system	15.2 l
Hydraulic system	36.0 l
Hydrostatic steering reservoir	2.0 l
Oil bath air - cleaner	0.7 l
Brake Oil	0.25 l

## STANDARD EQUIPMENT

Weight frame without weights, Standard tool box with set of tools, Top link, Top link end Cat-I, & II balls, Check Chains, 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