

Specifications

PERFORMANCE

Engine power at 2,200 rpm	85 (B.S) hp*
Torque at 1,400 engine rpm	300 Nm
PTO power at rated engine speed	70 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

ELECTRICS

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

CLUTCH

Type	Dual
Diameter	305 x 254 mm
Lining material	Cerametallic

TRANSMISSION

Type	Sliding spur
Number of gears	8 forward and 2 reverse

Road speed at 2,200 engine rpm with 18.4/15-30 rear tyres

Gear		Speed (km/hr)
Forward 1	(first low)	2.9
Forward 2		4.2
Forward 3		5.8
Forward 4		7.8
Forward 5	(first high)	11.6
Forward 6		17.0
Forward 7		23.13
Forward 8		31.0
Reverse 1	(low)	4.0
Reverse 2	(high)	15.7

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	4 Piston, 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 & 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	18.4/15-30 (8 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 & 18.4/15-30 rear wheel with full fuel, oil & water)

Weight

Gross Weight	2,435 kg
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Dimensions

Overall length	3,760 mm
Width (min.)	1,870 mm
Wheel base	2,286 mm

Height

Over exhaust	2,485 mm
Over steering wheel	1,781 mm

Turning Circle

Without brakes	7,502 mm
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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