

Specifications

PERFORMANCE

Engine power at 2,250 rpm	50 (B.S) hp*
Torque at 1,400 engine rpm	172 Nm
PTO power at rated engine speed	44 hp**

*Certified to BS.AU 141a: (1971)

** Manufacturer's estimate

ENGINE

Type	Diesel /AD 3,1524
No. of cylinders	3
Injection	Direct
Bore	91.5 mm
Stroke	127.0 mm
Capacity (litres)	2.5
Compression ratio	16.5:1
Aspiration	Natural
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

ELECTRICS

Voltage	12V, Negative Earth
Battery	118 Ah
Starter Motor	2.2 kW
Alternator	32 Amp.

CLUTCH

Type	Dual clutch
Diameter	305x254 mm

TRANSMISSION

Type	Sliding spur
Number of gears	8 forward 2 reverse
Road speed at 2,250 engine rpm with 12.4/11-28 rear tyres	
Gear	Speed (km/hr)
Forward 1 (first low)	2.5
Forward 2	3.7
Forward 3	5.0
Forward 4	6.7
Forward 5 (first high)	10.0
Forward 6	14.7
Forward 7	20.1
Forward 8	27.0
Reverse 1 (low)	3.4
Reverse 2 (high)	13.6

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	16 l / min
Pressure	19.2 MPa
Lift capacity with lower links horizontal	1,415 kg
Lower links	With Cat. I & II interchangeable balls

FRONT AXLE

Type	Box Section, Adjustable
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STEERING

Steering	Manual
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REAR AXLE AND BRAKES

Brake Type	Outboard drum brakes
Actuation	Mechanical, Independent or locked together
Parking Brake	Hand lever operated
Differential lock	Mechanical

INSTRUMENTATION

Gauges	Tachometer, Hourmeter, Fuel level, Battery condition & Water temperature
Warning lights	Direction indicators, Battery charge, Headlight main beam, Low engine oil pressure, Brake lights & Auxiliary socket

TYRES

Front	6.00 - 16 (6PR)
Rear	12.4/11-28 (6 PR)

TRACK ADJUSTMENT

Front	1,245 - 1,854 mm
Rear	1,219 - 1,930 mm

WEIGHTS AND DIMENSIONS (*)

(With 6.00-16 front & 12.4 / 11-28 rear wheel and with full fuel, oil and water)

Weight	
Gross Weight	1,650 kg

Dimensions	
Wheel base	1,892mm
Overall length	3,260mm
Overall width (min)	1,651mm

Height	
Over exhaust	2,145mm
Over steering wheel	1,410mm

Turning circle	
With brakes	5,560mm
Without brakes	6,200mm

Ground clearance (Under gear box)	338 mm
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CAPACITIES

Fuel Tank	47.5 l
Engine sump	6.8 l
Cooling system	10.2 l
Hydraulic system	33.0 l
Steering box	0.9 l
Oil bath air - cleaner	0.65 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, 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.

(*) Approximately