

SPECIFICATIONS

PERFORMANCE

Engine power at 2,250 rpm	75 (B.S) hp*
Torque at 1,400 engine rpm	276 Nm
PTO power at rated engine speed	69.5 hp**
PTO power at 540 rpm	63.0 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	127.0 mm
Capacity (litres)	4.1
Compression ratio	15.3:1
Aspiration	Natural
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

ELECTRICS

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

CLUTCH

Type	Dual clutch
Diameter	305x254 mm

TRACK ADJUSTMENT

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

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	16L / min
Pressure	21.2 MPa
Lift capacity with lower links horizontal	2,145 kg
Lower links	With Cat. 1 & 11 interchangeable balls

FRONT AXLE

Type	Heavy Duty Box Section, Adjustable
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STEERING

Steering	Hydrostatic
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REAR AXLE AND BRAKES

Brake Type	Oil Immersed, Multi disc
Axle Type	Straddle with epicyclic reduction unit
Brakes Actuation	Hydraulic
Parking Brake	Hand Lever Operated
Brake Pedal	Pendant
Brake Area	1,774 sq.cm

WEIGHTS AND DIMENSIONS

(With 6.00-16 front & 12.4 / 11-28 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

TYRES

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

CAPACITIES

Fuel Tank	108.0L
Engine sump	7.66L
Cooling system	15.2L
Hydraulic system	38.0L
Brake Oil	0.25L
Oil bath air - cleaner	0.75L

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