



### PERFORMANCE

Maximum engine power at 2,000 rpm	*82 (B.S) HP
Maximum torque at 1400 rpm	295 Nm
Maximum PTO power at rated engine speed	**75 hp
PTO power at 540 rpm	70 hp
*Certified to BU AU 141a : (1971)	
** Manufacturer's estimate	

### ENGINE

Type	Diesel / 4.248A
No. Of Cylinders	4
Injection	Direct
Bore	101 mm
Stroke	127 mm
Capacity	4.07 l
Compression ratio	16 : 1
Aspiration	Natural
Starting Aid	Thermostat
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

### ELECTRICS

Voltage	12 V, Negative Earth
Battery	110 Ah
Starter	2.8 kW
Alternator	45 Amp

### CLUTCH

Type	Dual clutch
Diameter	305 x 254 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 (kph)
Forward 1 (first low)	2.7
Forward 2	3.8
Forward 3	5.1
Forward 4	6.8
Forward 5 (first high)	10.4
Forward 6	15.2
Forward 7	20.8
Forward 8	27.9
Reverse 1 (low)	3.5
Reverse 2 (high)	14.1

### 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
Maximum Oil Flow	16.7 l / min
Maximum Pressure	21.2 Mpa at normal operating temperature
Max. Lift capacity with lower links horizontal	2,145 kg
Lower Links	With cat. I & II interchangeable balls

### FRONT AXLE

Type	Heavy duty Box Section, Adjustable
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### STEERING

Type	Hydrostatic
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### REAR AXLE AND BRAKES

Rear Axle	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	Technometer, 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	7.50 - 16 (6PR)
Rear	16.9 / 14 - 30 (6PR)

### TRACK ADJUSTMENT

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

### WEIGHTS AND DIMENSIONS

#### Weight

Gross Weight	2,355 kg
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#### Dimensions

Wheel base	2,170 mm
Overall Length	3,760 mm
Overall width (min)	1,970 mm

#### Height

Over exhaust	2,485 mm
Over steering wheel	1,730 mm

#### Turning Circle

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

#### Ground Clearance

Under gear box	465 mm
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### CAPACITIES

Fuel tank	108.0 l
Engine pump	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, Cat-I & II balls, Check chains, Stabiliser chains, Spring suspension seat, Flat top fenders & operator's Manual

### OPTIONAL EQUIPMENT

Front end weights, swinging drawbar, sun Canopy, pintle hook and 9 hole drawbar