

MASSIVE 345 - 50 HP



PERFORMANCE

Maximum engine power at 2,250 rpm	50 hp*
Maximum torque at 1,400 rpm	172 Nm
Maximum PTO power at rated engine speed	44 hp**

* Certified to BU AU 141a : (1971)

** Manufacturer's estimate

ENGINE

Type	Diesel	AD 3,1524
No. Of Cylinders		3
Injection		Direct
Bore		91.4mm
Stroke		127.0 mm
Capacity		2.5 l
Compression ratio		16.5 : 1
Aspiration		Natural
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

ELECTRICS

Voltage	12 V, Negative Earth
Battery	110 Ah
Starter	2.2 kW
Alternator	32 Amp

CLUTCH

Type	Dual clutch
Diameter	305 x 254 mm

TRANSMISSION

Type	Sliding Spur
Number of gears	& forward, 2 reverse
Road speed at 2,250 engine rpm with 12.4 / 11 - 28 rear tyre	
Gear	Speed (kph)
Forward 1 (first low)	2.7
Forward 2	3.9
Forward 3	5.3
Forward 4	7.2
Forward 5 (first high)	10.6
Forward 6	15.6
Forward 7	21.3
Forward 8	28.6
Reverse 1 (low)	3.6
Reverse 2 (high)	14.5

POWER TAKE OFF

Type	Live
Engine speed at 240 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:/mix
Maximum Pressure	19.2 Mpa
Max. 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	Hydrostatic
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REAR AXLE AND BRAKES

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

INSTRUMENTATION

Gauges	Technometer, Hourmeter, Feul level, Battery condition & Water tempeprature
Warning lights	Direction indicators, Battery charge, Headlight main beam, Low engine oil pressure & Brake lights

TYRES

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

TRACK ADJUSTMENT

Front	1,245 - 1,854 mm
Rear	1,321 - 1,930 mm

WEIGHTS AND DIMENSIONS

Weight

Gross Weight	1,690 kg
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Dimensions

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

Height

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

Turning Circle

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

Ground Clearance

Under gear box	338 mm
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CAPACITIES

Fuel tank	47.5 l
Engine pump	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, Cat-I & II balls, Check chains, Spring operator's Manual

OPTIONAL EQUIPMENT

Front end weights, swinging drawer, sun Canopy.