

MASSIVE 390 - 85 HP



PERFORMANCE

Maximum engine power at 2,250 rpm	85 hp*
Maximum torque at 1,400 rpm	291 Nm
Maximum PTO power at rated engine speed	70 hp**

*Certified to BU AU 141a : (1971)

** Manufacturer's estimate

ENGINE

Type	Perkins / 4.41
No. Of Cylinders	4
Injection	Direct
Bore	101 mm
Stroke	127 mm
Capacity	4.1 l
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
Oil cooler	Water Cooled

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	& forward, 2 reverse
Road speed at 2,200 engine rpm with 18.4 / 15 - 30 rear tyres	
Gear	Speed (kph)
Forward 1 (first low)	2.7
Forward 2	3.7
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	4-Piston 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	Box Section, Adjustable
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STEERING

Type	Hydrostatic
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REAR AXLE AND BRAKES

Rear Axle	Straddle with epicyclic reduction
Brake Type	oil immersed, multi-disc
Braking Area	1,774 sq. Cm.
Brakes Actuation	Hydraulic
Parking Brake	Hand Lever operated

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	7.50 - 16 (6PR)
Rear	18.4 / 15 - 30 (6PR)

TRACK ADJUSTMENT

Front	1,271 - 1,881 mm
Rear	1,432 - 2,134 mm

WEIGHTS AND DIMENSIONS

Weight

Gross Weight	2,440 kg
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Dimensions

Wheel base	2,286 mm
Overall Length	3,760 mm
Overall width (min)	1,871 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 pump	7.5 l
Cooling system	15.2 l
Hydraulic system	36.0 l
Hydrostatic steering reservior	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, Spring operator's Manual

OPTIONAL EQUIPMENT

Front end weights, swinging drawber, sun Canopy.