

MF350

50HP

PERFORMANCE

Maximum engine power at 2,250 rpm	50 (B.S) hp*
Maximum torque at 1,600 rpm	172Nm
Maximum PTO power at rated engine speed	44hp**
*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	127.0mm
Capacity	2.5
Aspiration	Natural
Compression Ratio	16.5:1
Starting Aid	Thermostat
Throttle Control	Hand and Feet
Cooling	Water
Air Cleaner Type	Oil Bath
Air Pre-cleaner	Over Bonnet, Air Swirl
Fuel Filter	Dual, High Capacity
Exhaust	Vertical Muffler under bonnet

ELECTRICS

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

CLUTCH

Type	Dual
Diameter	305x254 mm

TRANSMISSION

Type	Sliding Spur
Number of gears	8 forward, 2 reverse
engine rpm with 14.9 / 13-28 rear tyres	

Gear		Speed (kph)
Forward 1	(first low)	2.7
Forward 2		4.0
Forward 3		5.4
Forward 4		7.3
Forward 5	(first high)	10.8
Forward 6		15.9
Forward 7		21.7
Forward 8		29.1
Reverse 1	(low)	3.7
Reverse 2	(high)	14.7

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	16.70 l / min
Maximum Pressure	21 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

Steering	Hydrostatic
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REAR AXLE AND BRAKES

Axle Type	Straddle Axle Direct Drive
Brake Type	oil immersed, multi- disc
Brakes Actuation	Mechanical
Parking Brake	Hand Lever Operated

INSTRUMENTATION

Gauges	Technometer, Hourmeter, Fuel level, Battery condition & Water temperature
Warning Lights	Direction indicators, Electric charge Low engine oil pressure & Brake lights

TYRES

Front	6.00 - 16 (6PR)
Rear	14.9 / 13 - 28 (6PR)

TRACK ADJUSTMENT

Front	1,275 - 1,884 mm
Rear	1,423 - 2,910 mm

WEIGHTS AND DIMENSIONS

Weight

Gross Weight	1,900 kg
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Dimensions

Wheel base	2,022 mm
Overall Length	3,390 mm
Overall width (min)	1,790 mm

Height

Over exhaust	2,220 mm
Over steering wheel	1,520 mm

Turning circle

With brakes	6,000 mm
Without brakes	7,120 mm

Ground clearance

Under gear box	380 mm
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CAPACITIES

Fuel tank	45.0 l
Engine pump	6.8 l
Cooling system	11.7 l
Hydraulic system	36.0 l
Steering box	2.0 l
Oil bath air-cleaner	0.7 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 suspension seat, Flat top fender & operator's Manual

OPTIONAL EQUIPMENT

Front end weights, swinging drawbar sun Canopy.