

RASHA

Exclusive Representative Of Tractor Exporters

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Purchase & More Information



1500

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PERFORMANCE	
maximum hp (Bs.AU.141.a)@2200 rpm	150
Maximum torque Nm(Bs.AU.141.a)@1400 rpm	650
Max. power available hp@PTO shaft	138

ENGINE	
Model	MT660A - 150AD
Type	Diesel, Direct injection
Number of cylinders	6
Aspiration	Turbocharged
Bore	100 mm
Stroke	127 mm
Capacity	3.984 litre
Compression Ratio	17.5:1
Starting aid	Thermostart
Cooling system	Water
Air cleaner	Dry, dual element with pre-cleaner
Fuel filter	Parallel Dual, with sedimentor
Exhaust	Vertical

ELECTRICAL SYSTEM	
Voltage	12 v , Negative earth
Battery	Dual battery 66 A.H
Alternator	75 A
Starter	3 Kw
Lights	Head, Position, Cabin, Number plate, brake and Rear plough
Other equipment	Horn, Trailer 7-pin plug and Digitaly panel

CLUTCH	
Type	Double split torque
Plate diameter	330 mm

TRACK ADJUSTMENT	
Front	1900 - 2080 mm
Rear	1728 - 2066 mm

TRANSMISSION	
Type	ZF T3500

POWER TAKE OFF	
Type	Independent, hydraulic shiftable with lever
P.T.O speed	540/1000 rpm at 2160/2140 rpm engine speed
Number of splines	6/21 for 540 rpm / 1000 rpm
Shaft diameter	35 mm

HYDRAULICS	
Three Point linkage	Category2, Quick coupling
Accessories	Electrohydraulic draft, position and response control
Max. lift capacity	5500 Kg@ lower links are horizontal
Hydraulic pump	Gear pump
Max. delivery	45 lpm
Max. pressure	220 bar

AUXILIARY HYDRAULIC	
Pump type	Engine mounted tandem gear pump
Max. delivery	45 lpm @ 220 bar
Combined flow	60 lpm
Spool valve	1 valve (2 spools, 3 positions)

STEERING	
Type	Hydrostatic

FRONT AXLE	
Type	Carraro
Diff. lock	Autolock
Turning angle	55°

BRAKES	
Type	Oil immersed, Wet brakes
Function	Hydraulic, Independent or both wheels together
Plates diameter	222.4 mm
Parking brake	Mechanical, Hand lever
Differential lock	Mechanical

TIRES	
Front	16.9 - 26
Rear (Disk type)	20.8 - 38

WEIGHTS AND DIMENSIONS	
With full fuel, oil, water and front weights	
Weight on front axle	2600 kg
Weight on rear axle	3830 kg
Total Weight	6430 kg
Length (Lower links are horizontal)	5100 mm
Width	2080 mm
Height(Over of Cabin)	3100 mm
Height (Over of steering wheel)	2310 mm
wheel base	2920 mm
Turning radius (with braking)	5700 mm
Height over ground (Drawbar beneath)	490 mm

CAPACITIES	
Fuel tank	380 litre
Hydraulic system	56-60 litre
Engine sump	15.3 litre
Cooling system	30 litre

OTHER EQUIPMENT	
Drawbar	
Hydraulic quick couplers	
Toolkit	
Rear wheels weights	
Front weights	
Cabin with heating, air conditioning systems and radio	
Remote position control buttons	



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4WD

PERFORMANCE	
Rated engine power@2200 rev/min	110 hp
Max engine torque@1200 rev/min	444 N.m
Max P.T.O power	95 hp

ELECTRICS	
Voltage	12v, negative earth
Alternator / Starter	45 Amp / 2.8 KW
Lights	Headlights, Side lights - Brake lights Direction indicators - Rear work lights
Other	Horn - 7 pin trailer socket

CLUTCH	
Type	Split torque
Diameter	330 mm(13 in) dia.
Material	Cerametalic

ENGINE	
Type	MN660A - 110AD
Number of cylinders	6
Injection	Diesel, Direct injection
Bore	100 mm (3.937 in)
Stroke	127.0 mm (5.0 in)
Capacity	6 litre (365 in ³)
Compression Ratio	16.5:1
Starting Aid	Thermostart
Throttle control	Hand and foot
Cooling System	Water
Air cleaner	Dual, dry element
Air Pre-cleaner	Element Over-bonnet Centrifugal
Fuel filter	Dual, high capacity
Exhaust	Vertical

TRACK ADJUSTMENT	
Front	1769 mm-2093 mm
Rear - pressed	1525 mm-2235 mm

TRANSMISSION			
synchromesh 12 forward , 4 reverse manual change			
Road speeds-at rated engine speed, 16.9/15 - 38			
Rear tires, mile/h.(Km/h)			
Forward	1	1.3(2.1)	7 5.4(8.7)
	2	1.7(2.7)	8 6.8(11.0)
	3	2.0(3.2)	9 8.0(13.0)
	4	2.5(4.0)	10 10.2(16.5)
	5	3.6(5.8)	11 14.8(23.8)
	6	4.6(7.4)	12 18.8(30.2)
Reverse	1	2.0(3.2)	
	2	2.5(4.0)	
	3	8.1(13.0)	
	4	10.2(16.5)	

POWER TAKE OFF	
Operation	Independent, hydraulic and shiftable P.T.O system
I.P.T.O speeds	540 rev/min @ 1900 - engine rev/min 1000 rev/min @ 2000 - engine rev/min
Shaft diameter	35 mm(1.38 in)
No.of splines (rev/min)	6(540),21(1000)

HYDRAULICS	
Function	Draft control , position control Response control
Max pressure	231 bar
Max. lift capacity at lower links are horizontal	3678 kg

STEERING	
Type	Hydrostatic

INSTRUMENTATION	
Gauges	Tachometer/hourmeter,Fuel, water temperature
Warning lights	Direction indicators electric charge Head light main beam, Diff lock engaged, Hand brake, low fuel, low engine oil pressure Engine air cleaner blockage , Transmission oil filter blockage , 4WD engaged

AUXILIARY HYDRAULIC	
Pump location	Engine mounted
Pump type	Tandum gear Pump
Max oil flow	35 litre / min @ 175 bar (2500 lbf/in ²)
Combined flow with high flow pump	63 litre/min
Control	selector valve
Spool valves	2 spools, 3 positions

BRAKES	
Type	Multi disc oil immersed
No.of plates	4 friction 2 steel each side
Diameter	222.4 mm
Operation	Hydraulic independent
Parking brake	Mechanical , Hand lever

WHEELS AND TYRES	
Front	14.9 - 24 6 ply
Rear	18.4- 34 8 ply

OPERATOR ENVIRONMENT	
Seat	Spring suspension system
Fenders	Flat top
Tool box	With set of tools

WEIGHTS AND DIMENSIONS	
weight with full fuel, oil and water, front weights	
Weight	
- front	1680 kg
- Rear	2030 kg
- Total	3890 kg
Overall length	4330 mm
Width - minimum	1970 mm
Height - over of ROPS	2630 mm
- over of steering wheel	1910 mm
wheel base	2640 mm
Turning radius Without braking	9410 mm
Ground clearance	
- Under drawbar	430 mm
- Under front axle	490 mm

CAPACITIES	
Fuel tank	126 litre
Engine sump	15.4 litre
Cooling system	23 litre
Hydraulic system	47.4 litre

OTHER EQUIPMENT	
Drawbar with heavy - trailer hitch	
Hydraulic quick couplers	
Hydraulic valve for implements	
Rear wheels(Disk type) weights	
Toolkit	
Front weights	
Roll-over protective structure(ROPS)	

OPTIONS	
Falling object protection (FOP)	
Cabin	



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2WD

PERFORMANCE	
Rated engine power@2200 rev/min	110 hp
Max engine torque@1200 rev/min	444 N.m
Max P.T.O power	95 hp

ELECTRICS	
Voltage	12v, negative earth
Alternator / Starter	45 Amp / 2.8 KW
Lights	Headlights, Side lights - Brake lights Direction indicators - Rear work lights
Other	Horn - 7 pin trailer socket

CLUTCH	
Type	Split torque
Diameter	330 mm(13 in) dia.
Material	cerametalic

ENGINE	
Type	MN660 A - 110 AD
Number of cylinders	6
Injection	Diesel, Direct injection
Bore	100 mm (3.937 in)
Stroke	127.0 mm (5.0 in)
Capacity	6 litre (365 in ³)
Compression Ratio	16.5:1
Starting Aid	Thermostart
Throttle control	Hand and foot
Cooling System	Water
Air cleaner	Dry, dual element
Air Pre-cleaner	Element Over-bonnet centrifugal
Fuel filter	Dual, high capacity
Exhaust	Vertical

TRACK ADJUSTMENT	
Front	1370 mm-1980 mm
Rear - pressed	1525 mm-2235 mm

TRANSMISSION	
Synchro	12 forward , 4 reverse synchromesh, manual change

Road speeds-at rated engine speed, 16.9/15 - 38 Rear tires, mile/h.(Km/h)				
Forward	1	1.3(2.1)	7	5.4(8.7)
	2	1.7(2.7)	8	6.8(11.0)
	3	2.0(3.2)	9	8.0(13.0)
	4	2.5(4.0)	10	10.2(16.5)
	5	3.6(5.8)	11	14.8(23.8)
	6	4.6(7.4)	12	18.8(30.2)
Reverse	1	2.0(3.2)		
	2	2.5(4.0)		
	3	8.1(13.0)		
	4	10.2(16.5)		

POWER TAKE OFF	
Operation	Independent, hydraulic and shiftable P.T.O system
I.P.T.O speeds	540 rev/min @ 1900 - engine rev/min 1000 rev/min @ 2000 - engine rev/min
Shaft diameter	35 mm(1.38 in)
No.of splines (rev/min)	6(540),21(1000)

HYDRAULICS	
Function	Draft control , position control Response control
Max pressure	231 bar
Max. lift capacity	3678 kg

STEERING	
Type	Hydrostatic

INSTRUMENTATION	
Gauges	Tachometer/hourmeter,Fuel, water temperature
Warning lights	Direction indicators electric charge Head light main beam, Diff lock engaged, Hand brake, low fuel, low engine oil pressure Engine air cleaner blockage , Transmission oil filter blockage, 4WD engaged.

AUXILIARY HYDRAULIC	
Pump location	Engine mounted
Pump type	Tandum Pump
Max oil flow	35 litre/min 175 bar (2500 lbf/in ²)
Combined flow with high flow pump	63 litre/min
Control	selector valve
Spool valves	2 spools - 3 positions

BRAKES	
Type	Multi disc oil immersed
No.of plates	4 friction 2 steel each side
Diameter	222.4 mm
Operation	Hydraulic independent
Parking brake	Mechanical , Hand lever

WHEELS AND TIRES			
Front	7.50-18	8 ply	pressed
Rear	18.4- 34	8 ply	pressed

OPERATOR ENVIRONMENT	
Seat	Spring suspension system
Fenders	Flat top
Tool box	With set of tools

WEIGHTS AND DIMENSIONS	
with full fuel, oil and water, front weights	
Weight	
- front	1620 kg
- rear	1990 kg
- Total	3610 kg
Overall length	4330 mm
Width - minimum	1970 mm
Height - over of ROPS	2630 mm
- over steering wheel	1910 mm
wheel base	2580 mm
Turning radius Without braking	8430 mm
Ground clearance	
- Under drawbar	430 mm
- Under front axle	580 mm

CAPACITIES	
Fuel tank	126 litre
Engine sump	15.4 litre
Cooling system	23 litre
Hydraulic system	47.4 litre

OTHER EQUIPMENT	
Drawbar with heavy – trailer hitch	
Hydraulic quick couplers	
Hydraulic valve for implements	
Rear wheels(Disk type) weights	
Toolkit	
Front weights	
ROPS	

OPTIONS	
Falling object protection (FOP)	
Cabin	

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800
4WD



PERFORMANCE	
Rated engine power at 2000 rpm	82 hp
Max. engine torque at 1400 engine rpm	360 N.m
Max. P.T.O. Power	72 hp

ENGINE	
Type	Turbocharge - MT440 C - 82 AD
Number of cylinders	4
Injection	Direct
Bore	100 mm(3.937 in)
Stroke	127.0 mm(5.0 in)
Capacity	3.99 litre
Compression Ratio	17.5:1
Pollution standard	ECE R96, R24 - Stage II
Air inlet system	Turbocharge
Starting Aid	Thermostart
Thrott control	Hand/foot control
Cooling system	Water
Air cleaner	Dual,dry element with pre-cleaner
Fuel filter	High capacity,with sediment bowl
Exhaust	Vertical

ELECTRICS	
Voltage	12 , negative ground
Starter	2.8 KW
Lights	Head, Side, Brake, Rear and turn signals

CLUTCH	
Type	split torque
Diameter	305 mm(12 in)

TRANSMISSION	
Synchromesh	12 forward, 4 reverse, Manual

POWER TAKE OFF	
Type	Independent, hydraulic and changeable
Engine speed at 540 / 1000 PTO rpm	1900 / 2000 rpm
Shaft diameter	35 mm(1.38 in)
No.of splines	6(540 rpm),21(1000 rpm)

HYDRAULICS	
Function	Draft, position and response control by central sensitive arm
Max lift capacity at lower links horizontal	2227 Kg
Max flow pump	27.6 Liter/ min

STEERING	
Type	Hydrostatic
Pump position	Engine-mounted
Max. Turning angel	55 degrees

EQUIPMENT	
Oil Pressure Switch, air Filter Blockage Switch, Starting Safety Switch, Differential Lock	

AUXILIARY HYDRAULIC	
Pump type	Engine mounted tandem gear pump
Max pump flow at 175 bar	35 litre/min
Total flow (main & aux.pumps)	63 litre/min
Control	selector valve
Spool valve	1 valve with 2 spools(3 positions)

BRAKES	
Type	oil immersed
No.of disks	5 friction 3 steel each side
Diameter	222.4 mm
Function	Hydraulic
Parking brake	Mechanical , Hand lever

WHEELS AND TIRES	
Front	12.4 / 24 , 6 ply
Rear	18.4 / 15 - 30 , 6 ply

OPERATOR ENVIRONMENT	
Seat	Spring suspension system
Fenders	Flat top
Tool box	With set of tools

WEIGHTS AND DIMENSIONS WITH FULL FUEL OIL AND WATER	
Weight front axle	1710 kg
Weight rear axle	1770 kg
Total	3480 kg
Overall length	4190 mm
Width	2060 mm
Height(Over of ROPS)	2520 mm
Height Over steering, wheel	1850 mm
wheel base	2290 mm
Turning radius(without braking)	7740 mm
Ground clearance (Under drawbar)	380 mm

CAPACITIES	
Fuel tank	126 litre
Engine sump	8 litre
Cooling system (water)	18 litre
Hydraulic system	45 litre

OTHER EQUIPMENT	
Drawbar with heavy trailer hitch	
Rear wheels (Disk type) weights	
Front weights	
Trailer hydraulic pipe	

OPTIONS	
Falling object protection (FOP)	
Cabin	
Rear wheel	13.6 / 12 - 38

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800
2WD



PERFORMANCE	
Rated engine power at 2000 rpm	82 hp
Max. engine torque at 1400 engine rpm	360 N.m
Max. P.T.O. Power	72 hp

ENGINE	
Type	Turbocharge - MT440 C - 82 AD
Number of cylinders	4
Injection	Direct
Bore	100 mm(3.937 in)
Stroke	127.0 mm(5.0 in)
Capacity	3.99 litre
Compression Ratio	17.5:1
Pollution standard	ECE R96, R24 - Stage II
Air inlet system	Turbocharge
Starting Aid	Thermostart
Throttle control	Hand/foot control
Cooling system	Water
Air cleaner	Dual,dry element with pre-cleaner
Fuel filter	High capacity,with sediment bowl
Exhaust	Vertical

ELECTRICS	
Voltage	12 , negative ground
Starter	2.8 KW
Lights	Head, Side, Brake, Rear and turn signals

CLUTCH	
Type	split torque
Diameter	305 mm(12 in)

TRANSMISSION	
Synchromesh	12 forward, 4 reverse, Manual

POWER TAKE OFF	
Type	Independent, hydraulic and changeable
Engine speed at 540 / 1000 PTO rpm	1900 / 2000 rpm
Shaft diameter	35 mm(1.38 in)
No.of splines	6(540 rpm),21(1000 rpm)

HYDRAULICS	
Function	Draft, position and response control by central sensitive arm
Max lift capacity at lower links horizontal	2227 Kg
Max flow pump	27.6 liter / min

STEERING	
Type	Hydrostatic
Pump	Engine-mounted Tandum gear pump

EQUIPMENT	
Oil Pressure Switch, air Filter Blockage Switch, Starting Safety Switch, Differential Lock	

AUXILIARY HYDRAULIC	
Pump type	Engine mounted tandem gear pump
Max pump flow at 175 bar	35 litre/min
Total flow (main & aux.pumps)	63 litre/min
Control	selector valve
Spool valve	1 valve with 2 spools(3 positions)

BRAKES	
Type	oil immersed
No.of disks	5 friction 3 steel each side
Diameter	222.4 mm
Function	Hydraulic
Parking brake	Mechanical , Hand lever

WHEELS AND TIRES	
Front	7.5 / 16 , 6 ply
Rear	18.4 / 15 - 30 , 6 ply

OPERATOR ENVIRONMENT	
Seat	Spring suspension system
Fenders	Flat top
Tool box	With set of tools

WEIGHTS AND DIMENSIONS WITH FULL FUEL OIL AND WATER	
Weight front axle	1500 kg
Weight rear axle	1770 kg
Total	3270 kg
Overall length	4190 mm
Width	2060 mm
Height(Over of ROPS)	2520 mm
Height Over steering, wheel	1850 mm
wheel base	2290 mm
Turning radius(without braking)	6940 mm
Ground clearance (Under drawbar)	380 mm

CAPACITIES	
Fuel tank	126 litre
Engine sump	8 litre
Cooling system (water)	18 litre
Hydraulic system	45 litre

OTHER EQUIPMENT	
Drawbar with heavy trailer hitch	
Rear wheels (Disk type) weights	
Front weights	
Trailer hydraulic pipe	

OPTIONS	
Falling object protection (FOP)	
Cabin	
Rear wheel	13.6 / 12 - 38

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485

4WD



PERFORMANCE	
Rated engine power@2000 rev/min	82 hp
Max engine torque@1400 rev/min	360 N.m

ENGINE	
Type	MT 440C - 82AD
Aspiration	Turbocharged
Number of cylinders	4
Injection	Direct
Bore	100 mm(3.976 in)
Stroke	127.0 mm(5.0 in)
Capacity	3.99 litre(247.7 in ³)
Compression Ratio	17.5:1
Starting Aid	Thermostat
Throttle control	Hand and foot
Cooling System	Water
Air cleaner	Dual,dry element
Fuel filter	Single, high capacity with sedimentor
Exhaust	Vertical

ELECTRICS	
Alternator / Starter	45 Amp / 2.8 KW
Battery	Dual Battery 66 A.H
Lights	Headlights, Side lights - Brake lights Direction indicators - Rear work lights
Other	Horn

CLUTCH	
Type	Dual - Cerametalic
Diameter	305 mm(12 in) dia.cerametalic

TRACK ADJUSTMENT	
Front	1575-1930 mm
Rear - pressed	1422-2134 mm

TRANSMISSION	
Syncho	12 forward , 4 reverse synchromesh, manual change

POWER TAKE OFF	
Shaft diameter	35 mm(1.38 in)
No.of splines (rev/min)	6(540)

BRAKES	
Type	Multi disc oil immersed
No.of plates	5 Friction, 3 Steel eachside
Diameter	222.4 mm
Parking brake	Mechanical , Hand lever

HYDRAULICS	
Function	Draft control , position control Response control
Max oil flow	16.7 liter /min
Max pressure	214 bar
Max lift capacity at lower links are horizontal	2227 kg(8109 lb)

STEERING	
Type	Hydrostatic

INSTRUMENTATION	
Gauges	Tachometer/hourmeter,Fuel, water temperature
Warning lights	Direction indicators, electric charge Head light main beam, Diff lock engaged, Hand brake, low fuel, low engine oil pressure Engine air cleaner blockage, Transmission oil filter blockage, 4WD engaged.

4WD FRONT AXLE	
Axle type	AG 85
Engagement	mechanical
Turning deg	55

WHEELS AND TIRES	
Front	12.4 - 24 , 6 ply
Rear	18.4/15 - 30 , 6 ply

WEIGHTS AND DIMENSIONS	
Weight (with rear weight and full of fuel, oil and water)	
Weight - front axle	1620 kg
- rear axle	1760 kg
- Total	3380 kg
Overall length	4190 mm
Width	2060 mm
Height - over of ROPS	2520 mm
- over steering wheel	1850 mm
wheel base	2290 mm
Turning radius Without braking	7740 mm
Ground clearance under drawbar	380 mm

CAPACITIES	
Fuel tank	126 litre
Engine sump	8 litre
Cooling system	18 litre
Hydraulic system	43 litre
Steering pump	1.1 litre

OTHER EQUIPMENT	
Trailer tipping pipe Rigid stabilizers ROPS Hydraulic spool valve kit Delux seat Heavy duty swinging drawbar Front weights Toolkit	

OPTIONS	
Cabin	
Sunroof	
Rear tire	13.6*12-38

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485 2WD



PERFORMANCE

Rated engine power@2000 rev/min	82 hp
Max engine torque@1400 rev/min	360 N.m



ENGINE	
Type	MT 440C - 82AD
Aspiration	Turbocharged
Number of cylinders	4
Injection	Direct
Bore	100 mm(3.976 in)
Stroke	127.0 mm(5.0 in)
Capacity	3.99 litre(247.7 in ³)
Compression Ratio	17.5:1
Starting Aid	Thermostart
Throttle control	Hand and foot
Cooling System	Water
Air cleaner	Dual,dry element
Fuel filter	Single, high capacity with sedimentor
Exhaust	Vertical

ELECTRICS	
Voltage	12v,negative earth
Alternator / Starter	45 Amp / 2.8 KW
Battery	Dual Battery 66 A.H
Lights	Headlights, Side lights - Brake lights Direction indicators - Rear work lights
Other	Horn

CLUTCH	
Type	Dual - Cerametalic
Diameter	305 mm(12 in) dia.cerametalic

TRACK ADJUSTMENT	
Front	1370-1980 mm
Rear - pressed	1422-2134 mm

TRANSMISSION	
Syncho	12 forward , 4 reverse synchromesh, manual change

POWER TAKE OFF	
Shaft diameter	35 mm(1.38 in)
No.of splines (rev/min)	6(540)

BRAKES	
Type	Multi disc oil immersed
No.of plates	5 Friction, 3 Steel eachside
Diameter	222.4 mm
Parking brake	Mechanical , Hand lever

HYDRAULICS	
Function	Draft control , position control Response control, intermix
Max oil flow	16.7 liter /min
Max pressure	214 bar
Max lift capacity at lower links are horizontal	2227 kg(8109 lb)

STEERING	
Type	Hydrostatic

INSTRUMENTATION	
Gauges	Tachometer/hourmeter,Fuel, water temperature
Warning lights	Direction indicators, electric charge Head light main beam, Diff lock engaged, Hand brake, low fuel, low engine oil pressure Engine air cleaner blockage , Transmission oil filter blockage , 4WD engaged.

WHEELS AND TIRES	
Front	7.5 - 16 , 6 ply
Rear	18.4/15 - 30 , 6 ply

WEIGHTS AND DIMENSIONS	
Weight(with rear weight and Full of fuel, oil and water)	
Weight - front axle	1420 kg
- rear axle	1720 kg
- Total	3140 kg
Overall length	4190 mm
Width	2060 mm
Height - over of ROPS	2520 mm
- over steering wheel	1850 mm
wheel base	2290 mm
Turning radius Without braking	6940 mm
Ground clearance under drawbar	380 mm

CAPACITIES	
Fuel tank	126 litre
Engine sump	8 litre
Cooling system	18 litre
Hydraulic system	43 litre
Steering pump	1.1 litre

OTHER EQUIPMENT	
Trailer tipping pipe Rigid stabilizers ROPS Hydraulic spool valve kit Delux seat Heavy duty swinging drawbar Front weights Toolkit	

OPTIONS	
Cabin Sunroof	
Rear tire	13.6*12-38

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4WD



PERFORMANCE	
Rated engine power@2000 rev/min	75 hp
Max engine torque@1400 rev/min	295 N.m

ENGINE	
Type	MN440 A - 75 AD
Number of cylinders	4
Injection	Direct
Bore	100 mm(3.976 in)
Stroke	127.0 mm(5.0 in)
Capacity	3.99 litre(247.7 in ³)
Compression Ratio	16.5:1
Starting Aid	Thermostart
Throttle control	Hand and foot
Cooling System	Water
Air cleaner	Dry, with pre cleaner
Fuel filter	Single, high capacity with sedimentor
Exhaust	Vertical

ELECTRICS	
Voltage	12v, negative earth
Alternator / Starter	45 Amp / 2.8 KW
Battery	Dual battery 66 A.H
Lights	Headlights, Side lights - Brake lights Direction indicators - Rear work lights
Other	Horn

CLUTCH	
Type	Dual
Diameter	305 mm(12 in)

TRACK ADJUSTMENT	
Front	1575-1930 mm
Rear - pressed	1422-2134 mm

TRANSMISSION	
Synchro	12 forward , 4 reverse synchromesh, manual change

POWER TAKE OFF	
Shaft diameter	35 mm(1.38 in)
No.of splines (rev/min)	6(540)

BRAKES	
Type	Multi disc oil immersed
No.of plates	5 Friction, 3 Steel eachside
Diameter	222.4 mm
Parking brake	Mechanical , Hand lever

HYDRAULICS	
Function	Draft control , position control Response control
Max oil flow	16.7 liter /min
Max pressure	214 bar
Max lift capacity at lower links are horizontal	2227 kg(8109 lb)

STEERING	
Type	Hydrostatic

INSTRUMENTATION	
Gauges	Tachometer/hourmeter,Fuel, water temperature
Warning lights	Direction indicators, electric charge Head light main beam, Diff lock engaged Hand brake, low fuel, low engine oil pressure, Engine air cleaner blockage , Transmission oil filter blockage , 4WD engaged.

4WD FRONT AXLE	
Axle type	AG 85
Engagement	mechanical
Turning deg	55

WHEELS AND TIRES	
Front	12.4 - 24 , 6 ply
Rear	18.4/15 - 30 , 6 ply

WEIGHTS AND DIMENSIONS	
Weight(with rear weight and full of fuel, oil and water)	
Weight - front axle	1560 kg
- rear axle	1760 kg
- Total	3320 kg
Overall length	4190 mm
Width	2060 mm
Height - over of ROPS	2520 mm
- over steering wheel	1850 mm
wheel base	2290 mm
Turning circle	
- less brakes	7740 mm
Ground clearance under drawbar	380 mm

CAPACITIES	
Fuel tank	126 litre
Engine sump	8 litre
Cooling system	18 litre
Hydraulic system	43 litre
Steering pump	1.1 litre

OTHER EQUIPMENT	
Trailer tipping pipe Rigid stabilizers ROPS Hydraulic spool valve kit Delux seat Heavy duty swinging drawbar Front weights Toolkit	

OPTIONS	
Cabin Sunroof	
Rear tire	13.6*12-38

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475
2WD

PERFORMANCE	
Rated engine power@2000 rev/min	75 hp
Max engine torque@1400 rev/min	295 N.m

ENGINE	
Type	MN440 A - 75 AD
Number of cylinders	4
Injection	Direct
Bore	100 mm(3.976 in)
Stroke	127.0 mm(5.0 in)
Capacity	3.99 litre(247.7 in ³)
Compression Ratio	16.5:1
Starting Aid	Thermostart
Throttle control	Hand and foot
Cooling System	Water
Air cleaner	Dry, with pre cleaner
Fuel filter	Single, high capacity with sedimentor
Exhaust	Vertical

ELECTRICS	
Voltage	12v, negative earth
Alternator / Starter	45 Amp / 2.8 KW
Battery	Dual battery 66 A.H
Lights	Headlights, Side lights - Brake lights Direction indicators - Rear work lights
Other	Horn

CLUTCH	
Type	dual
Diameter	305 mm(12 in) dia.

TRACK ADJUSTMENT	
Front	1370-1980 mm
Rear - pressed	1422-2134 mm

TRANSMISSION	
Synchro	12 forward , 4 reverse synchromesh, manual change

POWER TAKE OFF	
Shaft diameter	35 mm(1.38 in)
No.of splines (rev/min)	6(540)

BRAKES	
Type	Multi disc oil immersed
No.of plates	5 Friction, 3 Steel eachside
Diameter	222.4 mm
Parking brake	Mechanical , Hand lever

HYDRAULICS	
Function	Draft control , position control Response control
Max oil flow	16.7 liter /min
Max pressure	214 bar
Max lift capacity at lower links are horizontal	2227 kg(8109 lb)

STEERING	
Type	Hydrostatic

INSTRUMENTATION	
Gauges	Tachometer/hourmeter,Fuel, water temperature
Warning lights	Direction indicators, electric charge Head light main beam, Diff. lock engaged, Hand brake, low fuel, low engine oil pressure Engine air cleaner blockage , Transmission oil filter blockage , 4WD engaged.

WHEELS AND TIRES	
Front	7.5-16 , 6 ply
Rear	18.4/15 - 30 , 6 ply

WEIGHTS AND DIMENSIONS	
Weight(with rear weight and full of fuel, oil and water)	
Weight - front axle	1300 kg
- rear axle	1760 kg
- Total	3060 kg
Overall length	4190 mm
Width	2060 mm
Height - over of ROPS	2520 mm
- over steering wheel	1850 mm
wheel base	2290 mm
Turning radius Without braking	6940 mm
Ground clearance under drawbar	380 mm

CAPACITIES	
Fuel tank	126 litre
Engine sump	8 litre
Cooling system	18 litre
Hydraulic system	43 litre
Steering pump	1.1 litre

OTHER EQUIPMENT	
Trailer tipping pipe Rigid stabilizers ROPS Hydraulic spool valve kit Delux seat Heavy duty swinging drawbar Front weights Toolkit	

OPTIONS	
Cabin Sunroof	
Rear tire	13.6*12-38

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4WD



PERFORMANCE	
Rated engine power@2000 rev/min	75 hp
Max engine torque@1400 rev/min	290 N.m
Max P.T.O power@540 rev/min	63 hp

CLUTCH	
Type	Dual
Diameter	305 mm

ELECTRICS	
Voltage	12v,negative earth
Alternator / Starter	45 Amp / 2.8 KW
Battery	Dual battery, 66 A.H
Lights	Headlights, Side lights - Brake lights Direction indicators - Rear plough lamp
Other	Horn, 7 pin - trailer socket

TRACK ADJUSTMENT	
Front	1575 mm - 1930 mm
Rear - pressed	1422 mm - 2134 mm

ENGINE	
Type	MN440A - 75AD
Number of cylinders	4
Injection	Diesel, Direct injection
Bore	100 mm
Stroke	127 mm
Capacity	3.99 litre
Compression Ratio	16:1
Starting Aid	Thermostart
Throttle control	Hand and foot
Cooling System	Water
Air cleaner	Oil bath
Air Pre-cleaner	Centrifugal over-bonnet
Fuel filter	Single, high capacity with prefilter
Exhaust	Vertical

TRANSMISSION	
Type	Sliding-gear
10 speed	8 forward, 2 reverse

4WD FRONT AXLE	
Axle type	AG 85
Engagement	mechanical
Diff. lock	Automatic
Max turning deg	55

HYDRAULICS	
Linkage pump	Piston pump
Max oil flow	16.7 liter /min
Max pressure	214 bar
Three point linkage	Cat 2
Function	Draft control
	Position control - Response control
Max lift capacity at Lower links are horizontal	2227kg

REAR AXEL AND BRAKES	
Brake type	Oil immersed 5- plate disc each side
Actuation	Mechanical independent or locked together
Diameter	222.4 mm
Parking brake	Mechanical, Hand lever
Differential lock	Mechanical

WHEELS AND TIRES	
Front	12.4 - 24 6 ply
Rear	18.4/15 - 30 , 6 ply

CAPACITIES	
Fuel tank	90 litre
Hydraulic system	43 litre
Engine sump	8 litre
Cooling system	14.2 litre
Steering pump	1.1 litre

WEIGHTS AND DIMENSIONS	
with full fuel, oil and water and Front weights	
Weight	
- Front	1420 kg
- Rear	1694 kg
- Total	3114 kg
Overall length	4010 mm
Width	2060 mm
Height - over of ROPS	2528 mm
- over steering wheel	1680 mm
Wheel base	2290 mm
Turning radius Without braking	7600 mm
Ground clearance under drawbar	380 mm

POWER TAKE OFF	
Type/Speed	Single speed / 540 rev/min live at 1684 rpm
Shaft diameter	35 mm
No.of splines	6

STEERING	
Type	Hydrostatic

OTHER EQUIPMENT	
Drawbar with heavy – trailer hitch	
Hydraulic quick couplers	
Roll-over protective structure(ROPS)	
Disk type rear wheels weights	
Toolkit	
Front weights	

OPTIONS	
Transmission (12+4) speed	Synchromesh
Falling object protection (FOP)	

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PERFORMANCE	
Rated engine power@2000 rev/min	75 hp
Max engine torque@1400 rev/min	290 N.m
Max P.T.O power@540 rev/min	63 hp

CLUTCH	
Type	Dual
Diameter	305 mm

ELECTRICS	
Voltage	12v,negative earth
Alternator / Starter	45 Amp /2.8 KW
Battery	Dual Battery, 66 A.H.
Lights	Headlights, Side lights - Brake lights Direction indicators - Rear plough lamp
Other	Horn, 7 pin - trailer socket

ENGINE	
Type	MN 440 A - 75 AD
Number of cylinders	4
Injection	Diesel, Direct injection
Bore	100 mm
Stroke	127 mm
Capacity	3.99 litre
Compression Ratio	16.5:1
Starting Aid	Thermostat
Throttle control	Hand and foot
Cooling System	Water
Air cleaner	Oil bath
Air Pre-cleaner	Over - bonnet bowltype
Fuel filter	Single, high capacity with prefilter
Exhaust	Vertical

TRACK ADJUSTMENT	
Front	1346 mm - 1753 mm
Rear - pressed	1422 mm - 2134 mm

TRANSMISSION	
Type	Sliding-gear
10 speed	8 forward, 2 reverse

HYDRAULICS	
Linkage pump	piston Pump
Max oil flow	16.7 liter /min
Max pressure	214 bar
Three point linkage	Cat 2
Function	Draft control Position control - Response control
Max lift capacity at lower links are horizontal	2227kg

REAR AXEL AND BRAKES	
Brake type	Oil immersed
Actuation	Mechanical independent or locked together
Diameter	222.4 mm
Parking brake	Mechanical Hand lever
Differential lock	Mechanical

WHEELS AND TIRES	
Front	7.5-16 , 6 ply
Rear	18.4/15 - 30 , 6 ply

CAPACITIES	
Fuel tank	90 litre
Hydraulic system	43 litre
Engine sump	8 litre
Cooling system	14.2 litre
Steering box	0.9 litre
Steering pump	1.1 litre

OTHER EQUIPMENT	
Drawbar with heavy - trailer hitch	
Hydraulic quick couplers	
Toolkit	
Front weights	
ROPS	
Disk type rear weights	

WEIGHTS AND DIMENSIONS	
with full fuel, oil and water and front weights	
Weight	
- Front	1118 kg
- Rear	1694 kg
- Total	2812 kg
Overall length	4010 mm
Width	2060 mm
Height - over of ROPS	2520 mm
- over steering wheel	1680 mm
Wheel base	2290 mm
Turning radius With braking	7600 mm
Ground clearance under drawbar	380 mm

POWER TAKE OFF	
Type/Speed	Single speed/540 rev/min live at1684 rev/min engine
Shaft diameter	35 mm
No.of splines	6

STEERING	
Type	Hydraulic steering system

OPTIONS	
Transmission (12+4) speed	Synchromesh
Falling object protection (FOP)	
Hydraulic valve for implements	

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285 4WD NEW



PERFORMANCE	
Rated engine power@2000 rev/min	82 hp
Max engine torque@1500 rev/min	345 N.m

ENGINE	
Type	MT 441A
Number of cylinders	4
Injection	Diesel, Direct injection
Aspiration	Turbocharged
Bore	101 mm
Stroke	127 mm
Capacity	4.07 litre
Compression Ratio	16:1
Air cleaner	Dual, dry element with pre-cleaner
Fuel filter	Single, high capacity with prefilter
Exhaust	Vertical

ELECTRICS	
Voltage	12v, negative earth
Alternator / Starter	45 Amp /2.8 KW
Battery	Dual Battery , 66 A.H.
Lights	Headlights, Side lights - Brake lights Direction indicators - Rear plough lamp
Other	7 pin trailer socket

CLUTCH	
Type	Dual
Diameter	305 mm

TRANSMISSION	
Sliding - gear	8 Forward, 2 reverse speeds, manual change

STEERING	
Type	Hydrostatic

POWER TAKE OFF	
Type	Live with engine and transmission
Shaft diameter	35 mm
No. of splines	6

REAR AXEL AND BRAKES	
Brake type	Oil immersed
Actuation	Mechanical independent or locked together
Parking brake	Mechanical, Hand lever
Differential lock	Mechanical

4WD FRONT AXLE	
Type	AG 85
Engagement	mechanical
Diff. lock	Automatic
Turn angle	55

CAPACITIES	
Fuel tank	90 litre
Hydraulic system	43 litre
Engine sump	8 litre
Cooling system	14.2 litre
Steering pump	1.1 litre

WEIGHTS AND DIMENSIONS	
with full fuel, oil and water and front weight	
Front	1180 kg
Rear	1694 kg
Total	2874 kg
Overall length	4010 mm
Wheel base	2290 mm
Ground clearance under drawbar	380 mm
Width	2060 mm
Height - Over of ROPS	2520 mm
- Over of steering wheel	1680 mm

HYDRAULICS	
Linkage pump	Piston Pump
Max oil flow	16.7 liter /min
Max pressure	214 bar
Three point linkage	Cat 2
Max lift capacity at lower links are horizontal	2227kg

TRACK ADJUSTMENT	
Front	1575 mm - 1930 mm
Rear - pressed	1422 mm - 2134 mm

WHEELS AND TIRES	
Front	7.5 -16 , 6 ply
Rear	18.4/15-30 , 6 ply

OTHER EQUIPMENT	
Drawbar with heavy - trailer hitch	
Hydraulic quick couplers	
Roll-over protective structure(ROPS)	
Rear wheels (Disk type) weights	
Toolkit	
Front weights	

OPTIONS	
Falling object protection (FOP)	
Synchronmesh transmission (12+4) Speeds	

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285 2WD NEW



PERFORMANCE	
Rated engine power@2000 rev/min	82 hp
Max engine torque@1500 RPM	345 N.m

ENGINE	
Make/Type	Motorsazan /MT 441A
Number of cylinders	4
Injection	Diesel, Direct injection
Bore	101 mm
Stroke	127 mm
Capacity	4.07 litre
Compression Ratio	16:1
Air cleaner	Dry, dual element with pre cleaner
Fuel filter	Single, high capacity with prefilter
Exhaust	Vertical

ELECTRICS	
Voltage	12v,negative earth
Alternator / Starter	45 Amp / 2.8 KW
Battery	Dual Battery, 66 A.H.
Lights	Headlights, Side lights - Brake lights Direction indicators - Rear plough lamp
Other	7 pin trailer socket

CLUTCH	
Type	Dual
Diameter	305 mm

TRANSMISSION	
Sliding-gear	8Forward, 2 reverse speeds, manual change

STEERING	
Type	Hydrostatic

POWER TAKE OFF	
Type/Speed	Live with engine/540 rev/min at 1684 rev/min engine
Shaft diameter	35 mm
No.of splines	6

REAR AXEL AND BRAKES	
Brake type	Oil immersed
Actuation	Mechanical independent or locked together
Parking brake	Mechanical, Hand lever
Differential lock	Mechanical

CAPACITIES	
Fuel tank	90 litre
Hydraulic system	43 litre
Engine sump	8 litre
Cooling system	14.2 litre
Steering pump	1.1 litre

WEIGHTS AND DIMENSIONS	
With full fuel , oil , water and front weights	
- Front	1118 kg
- Rear	1694 kg
- Total	2812 kg
Overall length	4010 mm
Width	2060 mm
Height - Over of ROPS	2520 mm
- Over of steering wheel	1680 mm
Wheel base	2290 mm
Ground clearance under drawbar	380 mm

HYDRAULICS	
Linkage pump	Piston Pump
Max oil flow	16.7 liter /min
Max pressure	214 bar
Three point linkage	Cat 2
Max lift capacity at lower links are horizontal	2227kg

TRACK ADJUSTMENT	
Front	1346 mm - 1753 mm
Rear - pressed	1422 mm - 2134 mm

OTHER EQUIPMENT	
Drawbar with heavy – trailer hitch	
Hydraulic quick couplers	
Toolkit	
Front weights	
ROPS	
Disk type rear weights	

WHEELS AND TIRES	
Front	7.5 -16 , 6 ply
Rear	18.4/15-30 , 6 ply

OPTIONS	
Falling object protection (FOP)	
Synchronmesh transmission (12+4 speeds)	

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4WD



PERFORMANCE	
Rated engine power@2250 rev/min	47 hp
Max engine torque@1400 rev/min	170 N.m
Max P.T.O power@540 rev/min	37.7 hp

ENGINE	
Type	MN325D - 47AD
Number of cylinders	3
Injection	Diesel direct injection
Bore	91.4 mm
Stroke	127.0 mm
Capacity	2.5 litre
Compression Ratio	18.5:1
Starting Aid	Thermostart
Cooling	Water
Air cleaner	Dry
Fuel filter	Single, High capacity with sedimentor
Exhaust	Horizontal

ELECTRICS	
Voltage	12v,negative earth
Starter	2.8 KW
Alternation	45 Amp
Battery	66 AH
Lights	Headlights - Side lights -Brake lights Direction indicators - Rear plough lamp
Other	Horn, 7 pin -trailer socket

CLUTCH	
Type	dual
Diameter	305 mm

TRACK ADJUSTMENT	
Front	1123 mm-1624 mm
Rear - pressed	1227 mm-1930 mm

TRANSMISSION	
Type	Sliding-gear
10 speed	8 forward, 2 reverse

HYDRAULICS	
Max oil flow	16.7 liter /min
Max pressure	173 bar
Three point linkage	Cat 1&2
Max lift capacity at lower links are horizontal	1415 kg

WHEELS AND TIRES		
Front	7.5 - 18	6 ply
Rear	12.4-28	6 ply

CAPACITIES	
Fuel tank	48 litre
Engine sump	5.7 litre
Cooling system	10.2 litre
Hydraulic system	31 litre

WEIGHTS AND DIMENSIONS	
With full fuel, oil and water, 12.4 / 28 rear tires weight	
Weight	
- front	1050 kg
- rear	1300 kg
- Total	2350 kg
Overall length	3290 mm
Width	1670 mm
Height	
-over of ROPS	2320 mm
-over stg, wheel	1530 mm
wheel base	2000 mm
Ground clearance under drawbar	260 mm

POWER TAKE OFF	
Type	540 rev/min live at 1789 rev/min engine
Shaft diameter	35 mm
No.of splines	6

STEERING	
Type	Hydrostatic

OTHER EQUIPMENT	
Drawbar with heavy – trailer hitch	
Hydraulic quick couplers	
Hinge roll-over protective structure(ROPS)	
Toolkit	
Front weights	

OPTIONS	
Falling object protection (FOP)	

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2WD



PERFORMANCE	
Rated engine power@2250 rev/min	47 hp
Max engine torque@1400 rev/min	170 N.m
Max P.T.O power@540 rev/min	37.7 hp

ENGINE	
Type	MN325D-47AD
Number of cylinders	3
Injection	Diesel, direct injection
Pollution standard	ECE R96,R24-STAGE 3A
Bore	91.4 mm
Stroke	127.0 mm
Capacity	2.5 litre
Compression Ratio	18.5:1
Starting Aid	Thermostart
Cooling System	Water
Air cleaner	Dry
Fuel filter	Single, High capacity with Sedimentor
Exhaust	Horizontal

ELECTRICS	
Voltage	12v,negative earth
Starter	2.8 KW
Alternation	45 Amp
Battery	66 AH
Lights	Headlights - Side lights -Brake lights Direction indicators - Rear plough lamp
Other	Horn, 7 pin -trailer socket

CLUTCH	
Type	Dual
Diameter	305 mm

TRACK ADJUSTMENT	
Front	1227mm -1836 mm
Rear - pressed	1227 mm-1930 mm

TRANSMISSION	
Type	Sliding - gear
10 speed	8 forward, 2 reverse

HYDRAULICS	
Max oil flow	16.7 liter /min
Max pressure	173 bar
Three point linkage	Cat 1&2
Max lift capacity at lower links are horizontal	1415 kg

WHEELS AND TIRES		
Front	6-16	6 ply
Rear	12.4-28	6 ply

CAPACITIES	
Fuel tank	48 litre
Engine sump	5.7 litre
Cooling system	10.2 litre
Hydraulic system	31 litre

WEIGHTS AND DIMENSIONS	
With full fuel, oil and water, 12.4 / 28 rear tires weight	
Weight	
- front	890 kg
- rear	1280 kg
- Total	2170 kg
Overall length	3290 mm
Width	1670 mm
Height	
-over of ROPS	2320 mm
-over stg, wheel	1530 mm
wheel base	2000 mm
Ground clearance under drawbar	260 mm

POWER TAKE OFF	
Type	540 rev/min live at 1789 rev/min engine
Shaft diameter	35 mm
No.of splines	6

STEERING	
Type	Hydrostatic

OTHER EQUIPMENT	
Drawbar with heavy – trailer hitch	
Hydraulic quick couplers	
Toolkit and front weights	
Hinge roll-over protective structure(ROPS)	

OPTIONS	
Falling object protection (FOP)	

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240 4WD



PERFORMANCE	
Rated engine power @ 2250 rev/min	47 hp
Max engine torque @1400 rev/min	170 N.m
Max P.T.O horse power@540 rev/min	37.7 hp
Max P.T.O horse power	44 hp

ENGINE	
Model	3.152
Type	Diesel, Direct injection
Number of cylinders	3
Bore	91.4 mm
Stroke	127 mm
Capacity	2.5 litre
Compression Ratio	18.5:1
Starting Aid	Thermostart
Cooling System	Water
Air cleaner	Oil bath with pre cleaner
Fuel filter	Single, High capacity with Sedimentor
Exhaust	Vertical

HYDRAULICS	
Three point linkage	Cat 1&2 interchangeable
Function	Draft control, position control, Response control
Max. lift capacity	1415 Kg@ lower links are horizontal
Max oil flow	16.7 liter /min
Max pressure	173 bar
Hydraulic pump	Piston pump

STEERING	
Type	Hydrostatic

TRANSMISSION	
Type	Sliding - gear
Speeds	8 forward , 2 reverse

P.T.O	
Type	Single Speed
P.T.O speed	540 rev/min @1789 engine rev/min
No. Of splines	6
Shaft diameter	35 mm

ELECTRICS	
Voltage	12v, Negative earth
Alternator / Starter	45 Amp / 2.8 KW
Battery	66 AH
Lights	Headlights, Side lights Brake lights Direction indicators, Rear plough lamp
Other	Horn, 7 pin trailer socket

BRAKES AND REAR AXLE	
Type	Oil immersed , Wet brakes
Function	Mechanical ,Independent or both locked together
Plates diameter	222.4 mm
Parking brake	Mechanical , Hand lever
Differential lock	Mechanical

WHEELS & TIRES		
Front	6-16	6 Ply
Rear	12.4*11 – 28	6 Ply

TRACK ADJUSTMENT	
Front	1123 mm - 1624 mm
Rear - pressed	1227 mm - 1930 mm

WEIGHTS AND DIMENSIONS	
weight with full fuel, oil and water and front weights	
Weight	
- Front	1050 kg
- Rear	1260 kg
- Total	2310 kg
Length	3390 mm
Width	1800 mm
Height - over of ROPS	2430 mm
- over of steering wheel	1620 mm
Wheel base	1890 mm
Turning radius with braking	3000 mm
Ground clearance Under drawbar	260 mm

CAPACITIES	
Fuel tank	48 litre
Hydraulic system	31 litre
Engine Sump	5.7 litre
Cooling system	10.2 litre
Steering pump	0.9 litre

OTHER EQUIPMENT	
Drawbar with heavy – trailer hitch	
Hydraulic quick couplers	
Toolkit	
Front weights	
Roll-over protective structure(ROPS)	

OPTIONS	
Garden horizontal exhaust	
Garden fenders	
Falling object protection (FOP)	

CLUTCH	
Type	Dual
Diameter	305 mm

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240 2WD



PERFORMANCE	
Rated engine power @ 2250 rev/min	47 hp
Max engine torque @1400 rev/min	170 N.m
Max P.T.O horse power@540 rev/min	37.7 hp
Max P.T.O horse power	44 hp

ENGINE	
Model	3.152
Type	Diesel, Direct injection
Number of cylinders	3
Bore	91.4 mm
Stroke	127 mm
Capacity	2.5 litre
Compression Ratio	18.5:1
Starting Aid	Thermostart
Cooling System	Water
Air cleaner	Oil bath with pre cleaner
Fuel filter	High capacity with sedimentor
Exhaust	Vertical

HYDRAULICS	
Three point linkage	Category1 , 2 Changeable
Function	Draft , position and Response control
Max. lift capacity	1415 Kg@ lower links are horizontal
Max oil flow	16.7 liter /min
Max pressure	173 bar
Hydraulic pump	Piston pump

STEERING	
Type	Hydrostatic

TRANSMISSION	
Type	Sliding - gear,
Speeds	8 forward , 2 reverse

P.T.O	
Type	Single Speed , Live with engine
P.T.O speed	540 rev/min @1789 engine rev/min
No. Of splines	6
Shaft diameter	35 mm

ELECTRICS	
Voltage	12v, Negative earth
Alternator / Starter	45 Amp / 2.8 KW
Battery	66 AH
Lights	Head, Position, Number plate Brake and Rear plow
Other	Digitally panel Horn, trailer7 - pin plug

BRAKES	
Type	Oil immersed, wet brake
Actuation	Mechanical independent or locked together
Parking brake	Mechanical , Hand lever
Differential lock	Mechanical

WHEELS & TIRES	
Front	6-16 6 Ply
Rear	12.4*11 - 28 6 Ply

TRACK ADJUSTMENT	
Front	1227 mm - 1836 mm
Rear - pressed	1227 mm - 1930 mm

WEIGHTS AND DIMENSIONS	
with full fuel, oil, water and front weights	
Weight	
- Front	870 kg
- Rear	1200 kg
- Total	2070 kg
Length	3210 mm
Width	1800 mm
Height - over of ROPS	2430 mm
- over of steering wheel	1680 mm
Wheel base	1890 mm
Turning radius with braking	3000 mm
Ground clearance Under drawbar	260 mm

CAPACITIES	
Fuel tank	48 litre
Hydraulic system	31 litre
Engine Sump	5.7 litre
Cooling system	10.2 litre
Steering pump	0.9 litre

OTHER EQUIPMENT	
Drawbar with heavy - trailer hitch	
Hydraulic quick couplers	
Toolkit	
Front weights	
Roll-over protective structure(ROPS)	

OPTIONS	
Garden horizontal exhaust	
Garden fenders	
Falling object protection (FOP)	

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4WD NEW



PERFORMANCE	
Maximum hp(Bs.AU.141.a)@2250 rpm	47
Maximum torque Nm(Bs.AU.141.a)@1400rpm	170
Max. power available hp@PTO shaft	44
Max. power available hp@PTO shaft in 540rpm	37.7

ENGINE	
Model	MN325D-47AD
Type	Diesel, Direct injection
Number of cylinders	3
Aspiration	Normal respiration
Pollution standard	ECE R96,R24-STAGE 3A
Bore	91.4mm
Stroke	127mm
Capacity	2.5litre
Compression ratio	18.5 :1
Start aid	Thermostart
Cooling system	Water
Air cleaner	Dry , dual element with pre-cleaner
Fuel filter	Single , high capacity with sedimentor
Exhaust	Horizontal

ELECTRICS	
Voltage	12v, Negative to earth
Alternator / Starter	45 Amp / 2.8 KW
Battery	66 AH
Lights	Head, Side, Brake, Rear plough Light, and Turn signals
Other equipment	Horn, Trailer 7 - pin plug

CLUTCH	
Type	Dual
Main clutch size	305 mm

TRANSMISSION	
Type	Sliding-gear , 8Forward, 2Reverse

POWER TAKE OFF	
Type	Single - speed , live
P.T.O. speed	540rpm at 1789 rpm engine
Shaft diameter	35 mm
No. Of splines	6

STEERING	
Type	Hydrostatic

BRAKES	
Type	Oil immersed, wet brakes
Function	Mechanical, Independent or both wheels together
Plates diameter	222.4mm
Parking brake	Mechanical , Hand lever
Differential lock	Mechanical

WEIGHTS AND DIMENSIONS	
With full fuel , oil , water and front weights	
Weight on front axle	1050Kg
Weight on rear axle	1300Kg
Total weight	2350Kg
Length(Lower links are horizontal)	3.29m
Width	1.67m
Height(Over of ROPS)	2.32m
Height(Over of steering wheel)	1.53m
Wheel base	2m
Turning radius(With braking)	3m
Height over ground (Drawbar beneath)	0.26m

HYDRAULICS	
Three Point linkage	Category 1,2 Changeable
Accessories	Draft, position and response control
Max. lift capacity	1415 Kg @ lower links are horizontal
Hydraulic pump	Piston pump
Max. delivery	16.7lpm
Max. pressure	173bar

CAPACITIES	
Fuel tank	48 litre
Hydraulic system	31 litre
Engine Sump	5.7 litre
Cooling system	10.2 litre
Steering pump	0.9 litre

OTHER EQUIPMENT	
Drawbar with heavy - trailer hitch	
Toolkit	
Front weights	
Hydraulic quick couplers	
Hinge roll - over protective structure(ROPS)	

OPTIONS	
Falling object protection (FOP)	

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240
2WD NEW



PERFORMANCE	
Rated engine power @ 2250 rev/min	47 hp
Max engine torque @1400 rev/min	170 N.m
Max P.T.O horse power@540 rev/min	37.7 hp

ENGINE	
Model	MN325D-47AD
Type	Diesel, direct injection
Number of cylinders	3
Bore	91.4 mm
Stroke	127 mm
Capacity	2.5 litre
Compression Ratio	18.5:1
Starting Aid	Thermostart
Cooling system	Water
Air cleaner	Dry type with dual elements
Fuel filter	Single, High capacity with Sedimenter
Exhaust	Horizontal

ELECTRICS	
Voltage	12v, Negative earth
Alternator / Starter	45 Amp / 2.8 KW
Battery	66 AH
Lights	Head, Side, Brake, Rear plough Light, and Turn signals
Other equipment	Horn, Trailer 7 - pin plug

CLUTCH	
Type	Dual
Main clutch size	305 mm

TRANSMISSION	
Sliding - gear	8 Forward, 2 Reverse

POWER TAKE OFF	
Type	Single - speed , live
P.T.O. speed, at engine speed: 1789 rpm	540 rpm
Shaft diameter	35 mm
No. Of splines	6
Max. Lift capacity at lower links horizontal	1415 kg
Hydraulic pump	Piston pump
Max. Pump flow	16.7 liter/min
Max. Pressure	173 bar

STEERING	
Type	Hydrostatic

BRAKES	
Type	Oil immersed, wet brakes
Actuation	Mechanical independent or locked together
Parking brake	Hand level wired control
Differential lock	Mechanical

WEIGHTS AND DIMENSIONS	
weight with full fuel, oil and water and front weights	
weight	
- Front	890 kg
- Rear	1280 kg
- Total	2170 kg
Length(with rear link at horizontal position)	3290 mm
Width	1670 mm
Height - over of ROPS	2320 mm
- over of steering wheel	1530 mm
Wheel base	2000 mm

CAPACITIES	
Fuel tank	48 litre
Hydraulic system	31 litre
Engine Sump	5.7 litre
Cooling system	10.2 litre

OTHER EQUIPMENT	
Drawbar with heavy-trailer hitch	
Toolkit	
Front weights	
Hydraulic quick couplers	
Roll-over protective structure(ROPS)	

OPTIONS	
Garden horizontal exhaust	
Falling object protection (FOP)	

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455
4WD

PERFORMANCE	
Maximum hp (ECE-R120)@2250 rpm	55
Maximum torque Nm(ECE-R120)@1500 rpm	210
Max. power available hp@PTO shaft	46

ENGINE	
Model	MT325A
Type	Diesel, Direct injection
Number of cylinders	3
Aspiration	Turbocharger
Bore	91.4 mm
Stroke	127 mm
Capacity	2.5 litre
Compression Ratio	18:1
Start aid	Thermostart
Cooling system	Water
Air cleaner	Dry, dual element with pre-cleaner
Fuel filter	Single, High Capacity With Sedimentor
Exhaust	Vertical

ELECTRICAL SYSTEM	
Voltage	12 v, Negative to earth
Battery	66 A.H
Alternator	45 A
Starter	2.8 Kw
Lights	Head, Position, Number plate, brake and Rear plough
Other equipment	Electrical Overrun Fuel Cut-Off, Digital Panel, Horn, Trailer 7-Pin Plug

CLUTCH	
Type	Dual
Plate diameter	305 mm

TRACK ADJUSTMENT	
Front	1123 - 1624
Rear	1227 - 1930

TRANSMISSION	
Type	Sliding-Gear, 8 Forward, 2 Reverse

POWER TAKE OFF	
Type	Single Speed, Live With Engine
P.T.O speed	540 rpm at 1790 rpm engine speed
Number of splines	6
Shaft diameter	35 mm

HYDRAULICS	
Three Point linkage	Category 1.2 Changeable
Accessories	Draft, Position And Response Control
Max. lift capacity	1415 Kg@ lower links are horizontal
Hydraulic pump	Piston Pump
Max. delivery	16.7 lpm

STEERING	
Type	Hydrostatic

FRONT AXLE	
Type	AG 65
Turning angle	55°

BRAKES	
Type	Oil immersed, Wet brakes
Function	Mechanical, Independent or both wheels together
Plates diameter	222.4 mm
Parking brake	Mechanical, Hand lever
Differential lock	Mechanical

TYRES	
Front	7.5 - 18 6Ply
Rear (Disk type)	12.4*11 - 28 6Ply

WEIGHTS AND DIMENSIONS	
With full fuel, oil, water and front weights	
Weight on front axle	1160 kg
Weight on rear axle	1340 kg
Total Weight	2500 kg
Length (Lower links are horizontal)	3290 mm
Width	1670 mm
Height(Over of ROPS)	2320 mm
Height (Over of steering wheel)	1530 mm
wheel base	2070 mm
Turning radius (with braking)	3000 mm
Height over ground (Drawbar beneath)	260 mm

CAPACITIES	
Fuel tank	48 litre
Hydraulic system	31 litre
Engine sump	5.7 litre
Cooling system	11.7 litre
Steering Pump	0.9 litre

OTHER EQUIPMENT	
Drawbar With Heavy - Trailer Hitch	
Hydraulic quick couplers	
Hinge Roll-Over Protective Structure(ROPS)	
Toolbox Kit	
Front weights	

Options	
Sun Roof Canopy	
Auxiliary Hydraulic	
Front Tyre	9.5-20- 6ply
Rear Tyre (Disk Type)	13.6-28- 6ply

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4120
4WD

PERFORMANCE	
maximum hp (Bs.AU.141.a)@2200 rpm	120
Maximum torque Nm(Bs.AU.141.a)@1600 rpm	480
Max. power available hp@PTO shaft	96

ENGINE	
Model	MT660A -120 AD
Type	Diesel, Direct injection
Number of cylinders	6
Aspiration	Turbocharger
Bore	100 mm
Stroke	127 mm
Capacity	6 litre
Compression Ratio	16.5:1
Starting aid	Thermostat
Cooling system	Water
Air cleaner	Dry, dual element with pre-cleaner
Fuel filter	Dual, with sedimentor
Exhaust	Vertical

ELECTRICAL SYSTEM	
Voltage	12 v , Negative earth
Battery	Dual battery , 66 A.H
Alternator	45 A
Starter	2.8 Kw
Lights	Head, Position, Number plate, brake and Rear plough
Other equipment	Horn, Trailer 7-pin plug

CLUTCH	
Type	Split torque
Plate diameter	330 mm

TRACK ADJUSTMENT	
Front	1769 - 2093 mm
Rear	1525 - 2235 mm

TRANSMISSION	
Type	Synchromesh (12 Forward , 4 Reverse)

POWER TAKE OFF	
Type	Independent, hydraulic shiftable with lever
P.T.O speed	540/1000 rpm at 1900/2000 rpm engine speed
Number of splines	6/21 for 540 rpm / 1000 rpm
Shaft diameter	35 mm

HYDRAULIC	
Three Point linkage	Category2, fixed
Accessories	Draft, position and response control
Max. lift capacity	3678 Kg@ lower links are horizontal
Hydraulic pump	Piston pump
Max. delivery	27.6 lpm
Max. pressure	231 bar

AUXILIARY HYDRAULIC	
Pump type	Engine mounted tandem gear pump
Max. delivery	35 lpm @ 175 bar
Combined flow	63 lpm
Spool valve	1 valve with 2 spools(3 positions)

STEERING	
Type	Hydrostatic

FRONT AXLE	
Type	AG105
Diff. lock	Autolock
Turning angle	55°

BRAKES	
Type	Oil immersed, Wet brakes
Function	Hydraulic, Independent or both wheels together
Plates diameter	222.4 mm
Parking brake	Mechanical, Hand lever
Differential lock- Rear Axle	Hydraulic, with electrical control

TIRES	
Front	14.9 * 13 - 24 6 Ply
Rear (Disk type)	18.4 * 15 - 34 8 Ply

WEIGHTS AND DIMENSIONS	
With full fuel, oil, water and front weights	
Weight on front axle	1940 Kg
Weight on rear axle	2100 Kg
Total Weight	4040 Kg
Length (Lower links are horizontal)	4.48 m
Width	1.97 m
Height(Over of ROPS)	2.63 m
Height (Over of steering wheel)	1.91 m
wheel base	2.64 m
Turning radius (with out braking)	9.41 m
Height over ground (Drawbar beneath)	0.43 m

CAPACITIES	
Fuel tank	105 litre
Hydraulic system	47.4 litre
Engine sump	15.4 litre
Cooling system	25 litre

OTHER EQUIPMENT	
Drawbar with heavy – trailer hitch	
Hydraulic quick couplers	
Hydraulic valve for implements	
Rear wheels(Disk type) weights	
Toolkit	
Front weights	
Roll-over protective structure(ROPS)	

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Engine specification	
Type	3.152
Maximum hp(Bs.AU.141.a)@2250 rpm	45 hp
Cooling system	Water
Number of cylinders	3
Clutch	
single plate with pedal control	
Brakes	
Drum Brake	
mechanical on rear wheel	
Transmission	
9 Speeds - 6 speed forward & 3 reverse	
Weight	
Front	870 kg
Rear	400 kg
Total	1270 kg
Power take off	
Type	Single-speed , Live with engine
P.T.O speed	540 rpm@ 1841 rpm engine speed
Differential	
Hydraulically controlled through a pedal	
actioned simultaneously on the 4 wheels	
Lift	
Three point hydraulic lift (cat 1)	
Tires	
8.25 - 16	
Steering	
type	Hydraulic , Articulate

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