SUF
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SUF1085S

4WD

HEAVY DUTY TRACTOR

TECHNICAL SPECIFICATIONS

PRODUCTS

SUF1085S
4WD

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4WD

Performance	
Maximum hp(Bs.AU.141.a)@2000 rpm	85
Maximum torque Nm(Bs.AU.141.a)@1400rpm	370
Max. power available hp@PTO shaft	75
Max. power available hp@PTO at 540 shaft rpm	71
Engine	
Make	Motorsazan
Model	MTI440D-85AD-02
Type	Diesel, Direct injection
Number of cylinders	4
Aspiration	Turbo charger with Intercooler
Bore	100mm
Stroke	127mm
Capacity	3.99litre
Compression ratio	17.5 : 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 earth
Battery	Dual battery , 66A.H
Alternator	45 A
Starter	2.8 Kw
Lights	Head, Position, Number plate, Brake and Rear plough
Other equipment	Digital panel, Horn, Trailer 7-pin plug
Clutch	
Type	Dual
Plate diameter	305 mm

Track adjustment	
Front	1575 – 1930 mm
Rear	1422 – 2134 mm
Transmission	
Type	Synchromesh(12Forward , 4Reverse)
Power take-off	
Type	Two speeds
P.T.O speed	540/1000 rpm at 1684/2000 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	2227 Kg@ lower links are horizontal
Hydraulic pump	Piston pump
Max. delivery	16.7 lpm
Max. pressure	214 bar
Spool valve	1 valve(3 positions , 1 spool)
Front axle	
Type	AG85
Diff. lock	Autolock
Turning angle	55°
Steering	
Type	Hydrostatic
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	12.4 * 11 - 24 6 Ply
Rear (Disk type)	18.4 * 15 – 30 6Ply

Weight and dimension	
With full fuel , oil , water and front weights	
Weight on front axle	1680 Kg
Weight on rear axle	1880 Kg
Total weight	3550Kg
Length(Lower links are horizontal)	4.46 m
Width	2.00 m
Height(Over of ROPS)	2.49 m
Height(Over of steering wheel)	1.82 m
Wheel base	2.60m
Turning radius(Without braking)	8.24 m
Height over ground (Drawbar beneath)	0.38m
Capacities	
Fuel tank	126 litre
Hydraulic system	43 litre
Engine sump	8 litre
Cooling system	18 litre
Steering pump	1.1 litre
Other equipment	
Drawbar with heavy – trailer hitch	
Toolkit with Wrench	
Front weights	
Hydraulic valve for implements	
Hydraulic output for trailer	
Rear wheels (Disk type) weights	
Hinge roll-over protective structure (ROPS)	
Options	
Falling object protection (FOP)	
Cabin	
Rear wheel 13.6 * 12 – 38	
Shuttle transmission (8+8 speeds)	
Front wheels Mudguards	