SUF
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SUFM800

4WD

HEAVY DUTY TRACTOR

TECHNICAL SPECIFICATIONS

PRODUCTS

SUFM800

4WD

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4WD

Performance	
Maximum hp(Bs.AU.141.a)@2000 rpm	82
Maximum torque Nm(Bs.AU.141.a)@1400rpm	360
Max. power available hp@PTO shaft	72
Max. power available hp@540rpm PTO shaft	64
Engine	
Make	Motorsazan
Model	MT440C-82AD
Type	Diesel, Direct injection
Number of cylinders	4
Aspiration	Turbocharged
Bore	100 mm
Stroke	127 mm
Capacity	3.99 litre
Compression ratio	17.5 : 1
Pollution standard	ECE R96,R24-STAGE II
Start aid	Thermostart
Cooling system	Water
Air cleaner	Dry, dual element with pre-cleaner
Fuel filter/ Exhaust	Dual, with sedimentor/ Vertical
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	Split torque
Plate diameter	305 mm
Track adjustment	
Front	1575 – 1930 mm
Rear	1422 – 2134 mm

Transmission	
Type	Synchromesh (12Forward, 4Reverse)
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 540/1000 rpm
Shaft diameter	35 mm
Количество паз:	21 паз для 6/21 for 540/1000 rpm
Shaft diameter	35 мм.
Auxiliary hydraulic	
Pump type	Engine mounted tandem gear pump
Max. delivery	35 lpm @ 175 bar
Max. combined flow	63 lpm
Spool valve	1 valve with 2 spools (3 positions)
Front axle	
Type	AG85
Diff. lock	Autolock
Turning angle	55˚
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	27.6 lpm
Max. pressure	231 bar
Steering	
Type	Hydrostatic
Brakes	
Type	Oil immersed , Wet brakes
Function	Hydraulic, Independent or both wheels together
Plates diameter	222.4 mm
Parking brake	Mechanical, Hand lever

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	1710Kg
Weight on rear axle	1770 Kg
Total weight	3480 Kg
Length(Lower links are horizontal)	4.19 m
Width	2.06 m
Height(Over of ROPS)	2.52 m
Height(Over of steering wheel)	1.85 m
Wheel base	2.29 m
Turning radius(Without braking)	7.74 m
Height over ground (Drawbar beneath)	0.38 m
Capacities	
Fuel tank	126 litre
Hydraulic system	45 litre
Engine sump	8 litre
Cooling system	18 litre
Other equipment	
Drawbar with heavy – trailer hitch	
Toolkit	
Front weights	
Hydraulic valve for implements	
Rear wheels (Disk type) weights	
Hinge roll-over protective structure (ROPS)	
Options	
Falling object protection (FOP)	
Cabin	
Rear wheel 13.6 * 12 - 38	
Front wheels Mudguards	