



Explorer 85_95

Explorer

- SDF 1000 SERIES TIER I ENGINES, 4 CYLINDERS, ASPIRED OR TURBO DIESEL ENGINES
- 12 FWD + 12 REV, 15 FWD + 15 REV OR 20 FWD + 20 REV SYNCHRONISED GEARBOX
- 30 OR 40 KM/H MAXIMUM SPEED
- HYDROSTATIC BRAKING ON ALL FOUR WHEELS
- HYDROSTATIC STEERING WITH INDEPENDENT PUMP
- 2WD AND 4WD AVAILABILITY

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TECHNICAL DATA

EXPLORER 85

EXPLORER 95

Version	2WD	4WD	2WD	4WD
ENGINE	SDF 1000.4 WT TIER I		SDF 1000.4 WT TIER I	
Cylinders/Displacement	no./cm³	4/4000		4/4000
Aspiration		Naturally Aspirated		Turbo
Homologated power at nominal engine speed (2000/25/CE)	HP/KW	85/62.5		92/67.7
Nominal engine speed	rpm	2350		2350
Max. torque	Nm	277		330
Max. torque engine speed	rpm	1400		1400
Torque backup	%	15		26
Cooling			liquid-oil	
Engine control			mechanical	
Air cleaner			dry with double element and cyclone prefilter	
Silencer underhood			with vertical exhaust	
Fuel tank capacity	litres	100		

DIMENSIONS AND WEIGHTS (with rear tyres)		18.4 R30	18.4 R30
Max. length without link arms	mm	4065	4075
Width min.- max.	mm	1950-2200	2050-2250
Max. height at safety frame	mm	2459	2469
Ground clearance	mm	400	400
Wheelbase 2WD-4WD	mm	2330-2350	2340-2360
Front track min.- max.	mm	1600-2100	1600-2100
Rear track min.- max.	mm	1600-2100	1600-2100
Weight with safety frame 2WD-4WD	kg	3000-3100	3100-3200

TRANSMISSION	
Gearbox clutch	single disc, self adjusting, hydrostatically operated
Mechanical gearbox, 4 synchronised gears, 3 gears ranges (2WD ONLY)	12 FWD + 12 REV
Mechanical gearbox, 5 synchronised gears, 3 gears ranges	15 FWD + 15 REV
Mechanical gearbox, 5 synchronised gears, 4 gear ranges with creeper	20 FWD + 20 REV
Max. speed	km/h 40 (4WD) - 30 (2WD)
Shuttle	mechanical, synchronised
Rear differential lock	mechanically operated
Lubrication	forced

BRAKES AND STEERING	
Braking system	oil-immersed disc brake on all four wheels
Parking brake	multidisc oil-immersed mechanically actuated
Hydrostatic steering	reactive type with dedicated pump
Steering angle	50° (4WD) 55° (2WD)

FRONT AXLE	
Drive engagement	mechanically operated
Front differential lock	mechanically operated

REAR P.T.O.	
Clutch	multiple discs in oil bath with independent engagement
Speed	rpm 540-1000-Ground Speed

HYDRAULIC LIFT	
Rear power lift	mechanical
Maximum lifting capacity	kg 4200
Pump delivery	l/min. 56
Auxiliary hydraulic control valves	no. ways 2/4 or 6
3 point linkage	fixed hitching balls
(link arms and top link)	automatic hitching
RH link arm and top link	mechanical adjustment

DRIVING POSITION	
Operator's area	straddle mounted
Safety frame	two post ROPS foldable and canopy
Instruments	analogic
Driver's seat	mechanical adjustment, safety belt

12 FWD + 12 REV GEARBOX (2WD ONLY) - SPEED IN KM/H AT ENGINE SPEED OF 2350 RPM WITH 18.4 R30 REAR TYRES												
1 L	2 L	3 L	4 L	1 M	2 M	3 M	4 M	1 H	2 H	3 H	4 H	
1.13	1.51	2.15	2.91	3.62	4.82	6.87	9.27	10.98	14.61	20.81	28.07	

15 FWD + 15 REV GEARBOX - SPEED IN KM/H AT ENGINE SPEED OF 2350 RPM WITH 18.4 R30 REAR TYRES														
1 L	2 L	3 L	4 L	1 M	5 L	2 M	3 M	4 M	1 H	5 M	2 H	3 H	4 H	5 H
1.11	1.49	2	2.83	3.54	3.82	4.76	6.34	9.03	10.73	12.18	14.43	19.2	27.35	36.88

20 FWD + 20 REV GEARBOX WITH CREEPER - SPEED IN KM/H AT ENGINE SPEED OF 2350 RPM WITH 18.4 R30 REAR TYRES																			
1 CR	2 CR	3 CR	4 CR	1 L	5 CR	2 L	3 L	4 L	1 M	5 L	2 M	3 M	4 M	1 H	5 M	2 H	3 H	4 H	5 H
0.39	0.53	0.7	1	1.11	1.36	1.49	2	2.83	3.54	3.82	4.76	6.34	9.03	10.73	12.18	14.43	19.2	27.35	38.15

Las características indicadas anteriormente hacen referencia a la configuración más completa posible. Para conocer las versiones y configuraciones, consultar la tarifa de precios vigente y solicitar información al concesionario de zona.

DEALER CONTACT

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We recommend the use of SDF Lubricants and Coolant 

Company with Quality System Certified in compliance with ISO 9001:2000

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