



Explorer 80_90_100

Explorer

- SDF 1000 SERIES TIER II 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 80

EXPLORER 90

EXPLORER 100

ENGINE	Version	EXPLORER 80		EXPLORER 90		EXPLORER 100	
		2WD	4WD	2WD	4WD	2WD	4WD
Cylinders/Displacement	no./cm³	SDF 1000.4 W TIER II 4/4000		SDF 1000.4 WT TIER II 4/4000		SDF 1000.4 WT TIER II 4/4000	
Aspiration		Naturally Aspirated		Turbo		Turbo	
Homologated power at nominal engine speed (2000/25/CE)	HP/KW	74/54.7		87/64.6		96/70	
Nominal engine speed	rpm	2350		2350		2350	
Max. torque	Nm	258		348		377	
Max. torque engine speed	rpm	1400		1400		1400	
Torque backup	%	23		40		33	
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		18.4 R30	
Max. length without link arms	mm	4065		4075		4075	
Width min.- max.	mm	1950-2200		2050-2250		2050-2250	
Max. height at safety frame	mm	2459		2469		2469	
Ground clearance	mm	400		400		400	
Wheelbase 2WD-4WD	mm	2330-2350		2340-2360		2360-2340	
Front track min.- max.	mm	1600-2100		1600-2100		1600-2100	
Rear track min.- max.	mm	1600-2100		1600-2100		1600-2100	
Weight with safety frame 2WD-4WD	kg	3000-3100		3100-3200		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	40 (4WD) - 30 (2WD) km/h
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

SAME

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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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