

R3 85 | 95

- SDF liquid cooled engine 1000 series
- High pressure injection system
- High performance at low consumption
- 40 km/h max. speed
- Side-mounted gear levers

- Platform with foldable ROPS
- Independent PTO system
- Planetary reduction final gearbox
- Integrated 4 wheels braking system
- Also available in 2WD version



		R3		
		85	95	
ENGINE				
Emissions		Stage I	Stage I	
Cylinders/Displacement		SDF 1000,4 W	SDF 1000,4 W	
Cylinders/Displacement	nº/cc	4/4000	4/4000	
Intake		Naturally aspirated	Turbo	
Maximum homologated power	kW/HP	62.5/85	68/92	
Maximum torque	Nm	277	330	
Mechanical governor		•		
Air cleaner with dust ejector				
Cyclone pre-filter		0	0	
Liquid cooling				
Silencer under hood with vertical exhaust				
Fuel tank capacity	litres	100	100	
MECHANICAL TRANSMISSION				
Synchronized				
Speeds (4 gears/5 gears)	nº	12+12 / 15+15	12+12 / 15+15	
Speeds with creeper (5 gears)	n°	20+20	20+20	
Minimum speed with creeper	km/h	0.39	0.39	
Maximum speed (4WD/2WD)	km/h	40/30	40/30	
REAR PTO				
Oil-immersed multi-disc clutch				
Hydraulically operated				
PTO		540/1000	540/1000	
FRONT AND REAR AXLE				
Mechanically operated 4WD and Diff. Lock		•		
Steering angle 4WD	degrees	50°	50°	
BRAKES				
Dil-immersed multi-disc brakes				
Front axle with brakes (4WD version only)				
STEERING				
Hydrostatic, with height and tilt adjustable column				
Independent steering pump	l/min	28.4	28.4	
REAR LIFT				
Category				
Mechanical rear lift				
Rear lifting capacity	kg	4200	4200	
Haulage version (without rear lift)	5			
HYDRAULIC SYSTEM				
Pump flow rate (std)	l/min	56	56	
Rear auxiliary spool valves (mechanical)	n° of ways	2/4/6	2/4/6	
DRIVING POSITION				
Side mounted shift levers		•		
Platform with ROPS				
Driver seat with mechanical suspension				
Analogue instrumentation			-	
DIMENSION AND WEIGHTS				
Standard rear tyres		18.4 R30	18.4 R30	
Width (minmax.)	mm	1950-2200	2050-2250	
Wheelbase (4WD/2WD)	mm	2350/2230	2360/2340	
Ground clearance	mm	450	450	
Weight [minmax.]	kg	3000-3100	3100-3200	
Maximum permissible load (4WD/2WD)	kg	5500/4800	6200/5100	

STD
OPT
Not available -

DEALER

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R3 80 | 90 | 100

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			R3				
TECHNICAL DATA		80	90	100			
ENGINE							
Emissions		Stage II	Stage II	Stage II			
Manufacturer		SDF 1000.4 W	SDF 1000.4 WT	SDF 1000.4 WT			
Cylinders/Displacement	nº/cc	4/4000	4/4000	4/4000			
Naturally aspirated		•	-	-			
Turbocharged		-					
Maximum homologated power	kW/HP	54.7/74	64.6/87	70/96			
Maximum torque	Nm	257	344	375			
Mechanical governor							
Air cleaner with dust ejector							
Cyclone pre-filter		0	0	0			
Liquid cooling							
Silencer under hood with vertical exhaust				V			
Fuel tank capacity	litres	90	90	90			
MECHANICAL TRANSMISSION							
Synchronized		•					
Creeper		0	0	0			
Speeds, 4 gears	n°	12+12	12+12	12+12			
Speeds, 5 gears	n°	15+15	15+15	15+15			
Speeds, 5 gears with creeper	n°	20+20	20+20	20+20			
Minimum speed with creeper	km/h	0.38	0.38	0.38			
Maximum speed (4WD/2WD)	km/h	40/30	40/30	40/30			
REAR PTO	NIII/II	-0/00		40/30			
Oil-immersed multi-disc clutch							
			_				
Electrohydraulically operated 540 PTO							
		•	•	•			
540-1000 PTO		0	0	0			
FRONT AND REAR AXLE				-			
Mechanically operated 4WD							
Mechanically operated differential locks							
Steering angle 4WD	degrees	50°	50°	50°			
BRAKES							
Oil-immersed multi-disc brakes							
Front axle with brakes (4WD version only)							
Mechanical parking brakes STEERING			-	-			
Hydrostatic, with height and tilt adjustable column	l/min			28,4			
Independent steering pump REAR LIFT	l/min	28.4	28.4	28.4			
			II				
Category							
Mechanical rear lift	l		-	-			
Rear lifting capacity	kg	4200 O	4200 O	4200 O			
Haulage version (without rear lift)		0	0	0			
HYDRAULIC SYSTEM		50	50	50			
Pump flow rate (std)	l/min	56	56	56			
Open centre hydraulic system		-	•	-			
Mechanically operated spool valves							
Rear auxiliary spool valves	n° of ways	2/4/6	2/4/6	2/4/6			
DRIVING POSITION							
Side mounted shift levers		-					
Platform with ROPS		-					
Driver seat with mechanical suspension		•		•			
Analogue dashboard				•			
DIMENSION AND WEIGHTS							
Standard rear tyres		18.4 R30	18.4 R30	18.4 R30			
Width (minmax.)	mm	1950-2200	2050-2250	2050-2250			
Wheelbase (4WD/2WD)	mm	2350/2230	2360/2340	2360/2340			
Ground clearance	mm	450	450	450			
Weight (minmax.)	kg	3000-3100	3100-3200	3100-3200			

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