

CV

80



- SDF series 1000 TIER III engines, turbo intercooler aspirated with 3 cylinders
- 12 forward + 8 reverse gears with creeper
- 3-speed PTO: 540/540ECO/1000
- Open centre hydraulic system available with 42+18 l/min capacity pump and 6/8 way remote valves with flow control
- Oil-immersed band steering brakes with servo-assisted hydraulic operation
- Robustness and versatility from a compact crawler
- Dry track chains with 4/5 roller per track ensure an ample footprint

TECHNICAL SPECIFICATIONS

		CV.80			
		C	N	M	L
ENGINE					
Cylinders/Displacement	no./cc	SDF TIER III ENGINE 3/3000			
Aspiration		Turbo Intercooler			
Maximum homologated power (2000/25/CE)	HP/kW	82/60			
Maximum power (2000/25/CE)	HP/kW	82/60			
Rated speed	rpm	2200			
Max. torque	Nm	310			
Max. torque speed	rpm	1600			
Torque reserve	%	15,8			
Cooling		water-oil			
Engine control		electronic			
Engine control		dry, with safety cartridge and dust ejector			
Under-hood silencer		with side exhaust			
Fuel tank capacity	litres	73			
TRACKS					
Chain		dry			
Rollers and track tensioners		in oil bath			
Bottom rollers per track	no.	4		5	
Carrier rollers per track	no.	1			
Shoes per track	no.	36	33	35	
Carriage covers		sheet metal			
Shoe width	mm	280	310	310/360 opt	360
Support surfaces	cm ²	7252	8370	11340	
Ballast		heavy duty front frame 2+2 side weights, 40 kg each			
DIMENSIONS AND WEIGHTS					
Max. length with link arms	mm	3065			
Width	mm	1180	1279	1434	1602
Max. height at hood	mm	1212		1230	
Ground clearance	mm	232		250	
Wheelbase	mm	1410	1430	1575	
Track	mm	900	969	1124	1242
Weight with safety frame	kg	3160	3330	3476	3490
TRANSMISSION					
Gearbox clutch		dry, single disc			
Mechanical gearbox 8 FWD + 8 REV		4 synchronised gears, 2 ranges, (min. speed: 1.57 km/h)			
Mechanical gearbox 12 FWD + 8 REV		4 synchronised gears, 2 ranges, + creeper (min. speed: 0.52 km/h)			
Shuttle		mechanical			

8 FWD + 8 REV GEARBOX - SPEEDS IN KM/H AT 2350 RPM

1L	2L	3L	4L	1V	2V	3V	4V
1,51	2,01	2,46	3,67	4,61	6,12	7,50	11,20

12 FWD + 8 REV GEARBOX - SPEEDS IN KM/H AT 2350 RPM

1 SR	2 SR	3 SR	4 SR	1 L	2 L	3 L	4 L	1 V	2 V	3 V	4 V
0,52	0,69	0,84	1,25	1,51	2,01	2,46	3,67	4,61	6,12	7,50	11,20

DEALER CONTACT



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



PLEASE NOTE: REVERSE SPEEDS ARE SLIGHTLY LOWER THAN THE CORRESPONDING FORWARD SPEEDS

The above specifications refer to the most complete level of equipment available. See the current price list and ask your local dealer for further information on standard and optional equipment.

REAR PTO	
Clutch	single plate dry clutch
speed	rpm 540-540 ECO-1000
Operation	mechanical
BRAKES AND STEERING	
Steering clutches	multi-disc, oil bath, hydraulically operated, servo-assisted
Steering brakes	band brakes, oil bath, hydraulically operated, servo-assisted
Clutch and brake	operation sequential, lever under dashboard
Service brakes	pedal operated
HYDRAULIC LIFT	
Rear lift	mechanical, draft, position and mixed control
Max. lifting capacity	Kg 2500
Pump delivery	l/min. 42 + 18
Auxiliary hydraulic control valves	no.ways 6/8 way with flow deviator
Heavy duty 3 point linkage with link arms and top link	fixed coupling
DRIVING POSITION	
Safety frame	folding
Instrumentation	analogue
Driving seat	pneumatic suspension with seat belt
Gear levers	central
Shuttle levers	to side of dashboard