

320 HP

D320

Technical specifications:

Min.groundclearance: 500 mm

Working weight:37.2t

Ground pressure: 0.105 MPa

Min.turningradius:3.8 m

Grade ability:30°

Track center distance: 2140 mm

	ENGINE	Model & type	Cummins NTA855-C360S10, EPA Tier 1 and EU Stage 1, In-line, water cooled 4-cycle, overhead valve direct injection, turbocharged diesel		
		Rated rotation speed	2000 rpm		
		Rated power / Net power	257 kW / 235 kW		
		Number of cylinders	6-140 × 152 mm (bore x stroke)		
		Piston displacement	14.01L		
		Min. fuel consumption	217g/kW h		
		Maximum torque	1509N m@ 1400 rpm		
	POWER TRANSMISSION SYSTEM	Torque converter	3-element, 1 stage, 1 phase		
		Transmission	Planetary gear, multi-disc clutch, hydraulically connected, forced lubrication		
		Main drive	Spiral bevel gear, splash lubrication, single-stage speed reduction		
		Steering clutch	Wet, multi-disc, spring loaded, hydraulically separated, hydraulic control		
		Steering brake	Wet, floating, direct on-off hydraulic inter-linking operation		
		Final drive	2-stage speed reduction of spur gear, splash lubrication		
	TRAVEL SPEED	Gear	1 st	2 nd	3 rd
		Forward	0-3.6 km/h	0-6.6 km/h	0-11.5 km/h
		Forward	0-4.4 km/h	0-7.8 km/h	0-13.5 km/h
	UNDERCARRIAGE SYSTEM	Type	Swing type of sprayed beam, suspended structure of equalizer bar		
		Carrier rollers	2 each side		
		Track rollers	7 each side (5 single flanged , 2 double flanged)		
		Track type	Single grouser		
		Width of track shoes	560 mm		
		Pitch	228.6 mm		
	HYDRAULIC SYSTEM	Maximum pressure	14 MPa		
		Pump type	Gear pump		
		Discharge rated 2000 rpm	355 (1795 rpm) L/min		
		Bore of working cylinder × no.	140 mm × 2		
	BLADE	Blade type	Straight-tilt blade	Angle blade	Semi-U-blade
		Dozing capacity	7.2m³	4.8 m³	9 m³
		Efficiency (Theoretical value 40 m)	580 m³/h	350 m³/h	690 m³/h
		Blade width	4130 mm	5000 mm	4130 mm
		Blade height	1590 mm	1140 mm	1710 mm
		Maximum drop below ground	560 mm	630 mm	560 mm
		Maximum blade lift height	1560 mm	1703 mm	1560 mm
		Weight of blade	4520 kg	4932 kg	4924 kg
	RIPPER (OPTIONAL)	Maximum digging depth of 3-shank ripper	842 mm		
		Maximum lift above ground	883 mm		
		Weight of 3-shank ripper	4954 kg		
		Maximum digging depth of single ripper	1250 mm		
		Maximum lift above ground	965 mm		
		Departure angle	34.5°		

OVERALL DIMENSIONS Straight-tilt blade

