

160 HP

D160

Technical specifications:

Blade Type:	Straight-tilt blade	Angle blade	Semi-U Blade
Min. ground clearance:	400 mm	400 mm	400 mm
Ground pressure:	0.058MPa	0.058MPa	0.058MPa
Min. turning radius:	4.466 m	4.513 m	4.545 m
Grade ability:	30°	30°	30°
Track gauge:	1800mm	1800mm	1800mm

	ENGINE	Model & type	Weichai WD10G178E25 , EPA Tier 2 and EU stage 2 , water-cooled Inline , four-stroke, direct injection		
		Rated power/New power	131 kW/121 kW		
		Number of cylinders	6-126 × 130 mm (bore x stroke)		
		Piston displacement	9.726 L		
		Min. fuel consumption	215 g/kW·h		
	POWER TRANSMISSION SYSTEM	Maximum torque	830 N·m@1250 rpm		
		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		
	TRAVEL SPEED	Steering brake	Wet, floating, direct on-off hydraulic inter-linking operation		
		Final drive	2-stage speed reduction of spur gear, splash lubrication		
		Gear	1st	2nd	3rd
		Forward	0-3.29 km/h	0-5.28 km/h	0-9.63 km/h
		Reverse	0-4.28 km/h	0-7.59 km/h	0-12.53 km/h
	UNDERCARRIAGE SYSTEM	Type	Swing type of sprayed beam, suspended structure of equalizer bar		
		Carrier rollers	2 each side		
		Track rollers	6 each side		
		Track type	Assembled, single-grouser		
		Width of track shoes	510 mm		
	HYDRAULIC SYSTEM	Pitch	203 mm		
		Maximum pressure	14MPa		
		Pump type	Gear pump		
		Discharge	243 L/min		
		Bore of working cylinder × no.	120 mm × 2		
	BLADE	Blade type	Straight-tilt blade	Angle blade	Semi-U-blade
		Dozing capacity	3.5 m³	3.2 m³	4.3 m³
		Efficiency (Theoretical value 40 m)	225 m³/h	225 m³/h	250 m³/h
		Blade width	3455 mm	3455 mm	3455 mm
		Blade height	1149 mm	1040 mm	1339 mm
		Maximum drop below ground	540 mm	540 mm	540 mm
		Maximum lift height	1095 mm	—	400 mm
	RIPPER (OPTIONAL)	Maximum digging depth of 3-shank ripper	572 mm		
		Maximum lift above ground	592 mm		
		Weight of 3-shank ripper	1631 kg		

OVERALL DIMENSIONS Straight-tilt blade

