

SD9 Bulldozer		
Specification		
Operating Weight (Kg)	44580	
Min. Ground Clearance (mm)	517	
Track Gauge (mm)	2250	
Ground Pressure (Including Ripper) (Kpa)	102/112	
Engine		
Model	Cummins	
Type	KTA19-C525S10	
Number of Cylinders	6	
Rated Power (Kw/HP)	316	
Max. Torque (N.m/rpm)	2169/1400	
Fan Drive Type	Belt drive	
Lubrication Method	Gear Pump, Force Lubrication	
Undercarriage System		
Type	The track is triangle shape. The sprocket is elevated elastic suspended.	
Grouser Height (mm)	84	
Width of Shoe (mm)	610	
Number of Track Rollers (Each Side)	8	
Number of Carrier Rollers (Each Side)	1	
Number of Shoes (Each Side)	43	
Blade Attachment	Standard Blade	Optional Blade
Dozer Blade Type	Tilting blade	
Dozing Weight (Kg)	6550	
Dozing Capacity	13.5	

(m3)			
Blade Width (mm)	4314		
Blade Height (mm)	2000		
Max. Digging Depth (mm)	614		
Max. Lifting Height (mm)	1288		
Gear	1st	2nd	3rd
Forward (Km/h)	0-3.9	0-6.9	0-12.2
Backward (Km/h)	0-4.8	0-8.5	0-15.1
Max Drawbar Pull (KN)	434.7		
Implement Hydraulic System			
Max. System Pressure (Mpa)	18.3		
Pump Type	Double vane Pump		
System Output (L/min)	358		
Operation Type	Hydraulic Controlled		
Driving System			
Torque Converter	Torque conver is power spearating hydraaulic-machanic type.		
Transmission	Planetary, power shift transmission with three speeds forward and thee speeds reverse, speed and direction can be quickly shifted.		
Steering Clutch	The steering clutch is hydraulic pressed, usually separated clutch.		
Steering Brake	The braking clutch is pressed by spring, separated hydraulic, constant meshed type.		
Final Drive	The final drive is two-stage planetary reduction gear mechanism, splash lubrication		
Optional Attachments			
Number of shank	One		
Max digging depth (mm)	1150		
Max lifting height (mm)	830		
Weight of ripper (kg)	4300		

