



### LGD8 Crawler Bulldozer(Dozer)

Engine	
Model	Cummins NTA855
Type	Vertical, four-stroke
Rated power	246kw
Rated speed	1900rpm
Implement Hydraulic System	
Hydraulic flow rate	129L 56L/min
Hydraulic pressure	21Mpa
Pump type	Double gear pump
Control valve	Hydraulic operated pilot control
Under Carriage System	
Sprocket	Elevated
Number of track rollers(each side)	8(4 single, 4double)
Number of carrier rollers(each side)	2
Number of front idler(each side)	1
Track type	Single grouser
Track tension	Hydraulic
Track pitch	228mm
Track width	560mm
Number of track shoes (each side)	43

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Track length of ground	3280mm
Ground clearance	485mm
Main Technical Specifications	
Operation weight(without ripper)	40000kg
Ground pressure (without ripper)	0.105Mpa
Grade ability	58%
Overall dimensions(LxWxH,with single shank ripper)	8090x4172x3952mm
Max. tractive force	380KN
Working Equipment	
Blade type	Straight
Width	4172mm
Height	1765mm
Max digging depth	614mm
Max. lift above ground	1288mm
Tilting angle	9°
Blade Capacity	13m3
Transmission System	
Torque converter	Power separating hydraulic mechanical type
Transmission assembly	Integrated bevel gear, multiple stage gear box, speed changing control valve
Final drive	Two stage planetary reduction gear mechanism
Gear shifts(Forward/Reverse)	F3/R3
Traveling speed (km/h)	
Forward/Reverse I	3.9/4.8
Forward/Reverse II	6.8/8.4
Forward/ReverseIII	11.9/14.8
Steering Clutch And Brake	
Steering clutch	Oil-type, free-adjustment, multiple disc, pressed hydraulically
Steering brake	Pressed by spring separated hydraulically, constant meshed type
Service Capacities	
Fuel tank	753L
Water tank	125L
Implement oil tank	89L

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