



LGD320Y Crawler Bulldozer(Dozer)

Engine	
Model	Cummins NTA855
Type	Vertical, four-stroke
Rated power	239kw
Rated speed	2000rpm
Implement Hydraulic System	
Hydraulic flow rate	335L/min
Hydraulic pressure	13.7Mpa
Pump type	Double gear pump
Control valve	Hydraulic operated pilot control
Under Carriage System	
Sprocket	Segmented
Number of track rollers(each side)	7(5 single, 2double)
Number of carrier rollers(each side)	2
Number of front idler(each side)	1
Track type	Single grouser
Track tension	Hydraulic
Track pitch	228.6mm
Track width	560mm
Number of track shoes (each side)	41
Track length of ground	3150mm
Ground clearance	500mm

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[Wheel Loader](#), [Road Roller](#), [Dump Truck](#)

Main Technical Specifications	
Operation weight(without ripper)	35900kg
Ground pressure (without ripper)	0.094Mpa
Grade ability	58%
Overall dimensions(LxWxH,with single shank ripper)	8500x4130x3640mm
Max.tractive force	281KN
Working Equipment	
Blade type	Semi-U
Width	4130mm
Height	1590mm
Max digging depth	560mm
Max.lift above ground	1560mm
Tilting angle	14°
Blade Capacity	9.96m3
Transmission System	
Torque converter	3-elements, single stage.single phase
Gear box	Hydraulic actuated,forced lubricated planetary gear
Bevel gear	Helical bevel gear splash lubricated
Final drive	Spur gear, double reduction splash lubricated
Gear shifts(Forward/Reverse)	F3/R3
Traveling speed (km/h)	
Forward/Reverse I	3.6/4.3
Forward/Reverse II	6.6/7.8
Forward/Reverse III	11.5/13.5
Steering Clutch And Brake	
Steering clutch	Wet,multiple disc,spring loaded hydraulically released
Steering brake	Wet,band brake,operated with hydraulic booster
Service Capacities	
Fuel tank	600L
Water tank	121L
Implement oil tank	164L

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