



LGD220Y Crawler Bulldozer(Dozer)

Engine	
Model	Cummins NT-855
Type	Vertical, four-stroke
Rated power	162kw
Rated speed	1800rpm
Implement Hydraulic System	
Hydraulic flow rate	257L/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)	6(4 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	216mm
Track width	560mm
Number of track shoes (each	38

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side)	
Track length of ground	2730mm
Ground clearance	405mm
Main Technical Specifications	
Operation weight(without ripper)	25500kg
Ground pressure (without ripper)	0.078Mpa
Grade ability	58%
Overall dimensions(LxWxH,with single shank ripper)	6850x3725x3575mm
Max.tractive force	200KN
Working Equipment	
Blade type	Straight
Width	3725mm
Height	1315mm
Max digging depth	540mm
Max.lift above ground	1210mm
Tilting angle	11°
Blade Capacity	5.45m3
Transmission System	
Torque converter	3-elements, single stage.single phase
Gear box	Power shift ,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	6.5/7.7
Forward/ReverseIII	11.2/13.2
Steering Clutch And Brake	
Steering clutch	Wet,multiple disc,spring loaded hydraulically released
Steering brake	Wet,band brake operated with hydraulic booster valve inner linkage
Service Capacities	
Fuel tank	450L
Water tank	79L
Implement oil tank	110L

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