

**LGD165Y Crawler Bulldozer(Dozer)**

Engine	
Model	CAT licenced C6121
Type	Direct injection,water-cooled
Rated power	122kw
Rated speed	1900rpm
Implement Hydraulic System	
Hydraulic flow rate	190L/min
Hydraulic pressure	12Mpa
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	203mm
Track width	500mm
Number of track shoes (each side)	38
Track length of ground	2570mm
Ground clearance	352.5mm
Main Technical Specifications	
Operation weight(without ripper)	17800kg
Ground pressure (without ripper)	0.0692Mpa
Grade ability	58%

Shanghai Longji Construction Machinery Co., Ltd.

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Overall dimensions(LxWxH,without ripper)	5236x3297x3160mm
Max.tractive force	139.6KN
Working Equipment	
Blade type	Straight
Width	3297mm
Height	1170mm
Max digging depth	420mm
Max.lift above ground	852mm
Tilting angle	8.5°
Blade Capacity	4.5m3
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	3.3/4.0
Forward/Reverse II	6.3/8.0
Forward/ReverseIII	11.4/13.9
Steering Clutch And Brake	
Steering clutch	Hydraulically actuated, multiple-disc oil clutches, spring pressed , hydraulic separated
Steering brake	Oil two-direction floating band with mechanism foot pedals,hydraulic boosted
Service Capacities	
Fuel tank	230L
Water tank	60L
Implement oil tank	85L

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