



**LGD7 Crawler Bulldozer(Dozer)**



Large Engine Hood for Easy Maintenance

**LGD7 Crawler Bulldozer(Dozer)**

Engine	
Model	Cummins NT855
Type	Vertical, water cooled

Shanghai Longji Construction Machinery Co., Ltd.  
 Add: Room 1311, Building C, Lane 58, No.1 East Xinjian Road, Minhang District, Shanghai City, China  
 Post Code: 201100  
 Tel: +86-21-541-71571  
 website: [www.shlongji.com](http://www.shlongji.com)

E-mail: [info@shlongji.com](mailto:info@shlongji.com)  
 Fax: +86-21-541-71572  
[Wheel Loader](#), [Road Roller](#), [Dump Truck](#)

Rated power	169kw
Rated speed	2100rpm
Implement Hydraulic System	
Hydraulic flow rate	194L/min
Hydraulic pressure	18.6Mpa
Pump type	High pressure gear pump
Control valve	Hydraulic operated pilot control
Under Carriage System	
Sprocket	Elevated
Number of track rollers(each side)	7(4 single, 3double)
Number of carrier rollers(each side)	2
Number of front idler(each side)	1
Track type	Single grouser
Track tension	Hydraulic
Track pitch	404mm
Track width	560mm
Number of track shoes (each side)	40
Track length of ground	2890mm
Ground clearance	404mm
Main Technical Specifications	
Operation weight(without ripper)	23800kg
Ground pressure (without ripper)	0.0719Mpa
Grade ability	58%
Overall dimensions(LxWxH,with single shank ripper)	7604x3500x3402mm
Max.tractive force	280KN
Working Equipment	
Blade type	Straight
Width	3500mm
Height	1550mm
Max digging depth	500mm
Max.lift above ground	1170mm
Tilting angle	9°
Blade Capacity	8.4m3
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	6.5/8.2
Forward/ReverseIII	10.9/13.2

Shanghai Longji Construction Machinery Co., Ltd.

Add: Room 1311, Building C, Lane 58, No.1 East Xinjian Road, Minhang District, Shanghai City, China

Post Code: 201100

E-mail: [info@shlongji.com](mailto:info@shlongji.com)

Tel: +86-21-541-71571

Fax: +86-21-541-71572

website: [www.shlongji.com](http://www.shlongji.com)

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

Steering Clutch And Brake	
Steering clutch	Oil-type,free-adjustment,multiple disc,presed hydraulically
Steering brake	Pressed by spring separated hydraulically,constant meshed type
Service Capacities	
Fuel tank	450L
Water tank	118L
Implement oil tank	100L

Shanghai Longji Construction Machinery Co., Ltd.  
Add: Room 1311, Building C, Lane 58, No.1 East Xinjian Road, Minhang District, Shanghai City, China  
Post Code: 201100 E-mail: [info@shlongji.com](mailto:info@shlongji.com)  
Tel: +86-21-541-71571 Fax: +86-21-541-71572  
website: [www.shlongji.com](http://www.shlongji.com) [Wheel Loader](#), [Road Roller](#), [Dump Truck](#)