



Medium Crawler Bulldozer LGD140

Engine	
Model	6135AK-8C
Type	Vertical, four-stroke semi-open combustion chamber
Rated power	103kw
Rated speed	1700rpm
Implement Hydraulic System	
Hydraulic flow rate	238L/min
Hydraulic pressure	12Mpa
Pump type	Gear Pump
Under Carriage System	
Sprocket	Segmented
Number of track rollers(each side)	5(3 single, 2double)
Number of carrier rollers(each side)	2
Number of front idler(each side)	1
Track type	Single grouser

Shanghai Longji Construction Machinery Co., Ltd.

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Track tension	Hydraulic
Track pitch	203mm
Track width	500mm
Number of track shoes (each side)	37
Track length of ground	2465mm
Ground clearance	300mm
Main Technical Specifications	
Operation weight(without ripper)	15700kg
Ground pressure (without ripper)	0.062Mpa
Grade ability	58%
Overall dimensions(LxWxH,without ripper)	4990x3300x2930mm
Max.tractive force	123KN
Working Equipment	
Blade type	Straight
Width	3300mm
Height	1100mm
Max digging depth	370mm
Max.lift above ground	880mm
Tilting angle	7°
Blade Capacity	4.09m3
Transmission System	
Main clutch	Wet type multiple-disc, non-constantly engaged
Gear box	Spur gears splash lubricated
Bevel gear	Helical bevel gear splash lubricated
Final drive	Spur gear, double reduction splash lubricated
Gear shifts(Forward/Reverse)	F5/R4
Traveling speed (km/h)	
Forward/Reverse I	2.72/3.27
Forward/Reverse II	3.88/4.66
Forward/ReverseIII	5.83/7.00
Forward/ReverseIV	8.42/10.09
Forward V	11.72
Steering Clutch And Brake	
Steering clutch	Dry.multiple disc hand-operating with hydraulic booster
Steering brake	Dry. hand brake foot-actuated
Service Capacities	
Fuel tank	230L
Water tank	70L
Implement oil tank	110L

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