



Small Crawler Bulldozer LGD80

Engine	
Model	LR4105ZG52
Type	Turbocharged, water cooled, direct injection
Rated power	60kw
Rated speed	2200rpm
Implement Hydraulic System	
Hydraulic pressure	16Mpa
Pump type	Gear pump
Hydraulic flow rate	110L/min
Valve position	4 position: raise, hold, lower, float
3 position: raise, hold, lower	
Under Carriage System	
Sprocket	Segmented
Number of track rollers(each side)	5
Number of carrier rollers(each side)	1
Number of front idler(each side)	1
Track type	Single grouser
Track pitch	154mm
Track width	400mm
Number of track shoes (each side)	39
Track length of ground	1960mm
Ground clearance	350mm
Main Technical Specifications	
Operation weight(without ripper)	8700kg
Ground pressure (without ripper)	0.051Mpa
Grade ability	58%
Overall dimensions(LxWxH,without ripper)	4200mmx2480mmx2860mm
Max.tractive force	66KN
Working Equipment	

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Wheel Loader, Road Roller, Dump Truck

Blade type	Straight
Width	2480mm
Height	880mm
Max digging depth	357mm
Max.lift above ground	784mm
Transmission System	
Gear box	Mechanical
Bevel gear	One pair spiral bevel gear
Final drive	One pair columnar gear, floating sealing
Gear shifts(Forward/Reverse)	F4/R2
Traveling speed (km/h)	
Forward I-IV	2.4-10.4
Reverse I-II	4.9-8.9
Steering Clutch And Brake	
Steering clutch	Dry multi-plate, floating control
Steering brake	Mechanical pedal control
Service Capacities	
Fuel tank	100L
Water tank	22L
Gear box	29L

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