



### BZKD20 Mining Dump Truck

The D20 off-road truck is with Top Performance. Developed specifically for mining, quarry and construction applications, the Off-Highway Trucks keep material moving at high volume to lower cost-per ton. Reliable, durable, dependable, rugged construction and easy maintenance procedures ensure long life with low operating costs.

Vehicle main technical parameter	
Payload	20000 kg
G.V.W.	36000 kg
Overall dimensions (L×W×H)	7365×2909×3110 mm
Wheel bass	3600 mm
Track	Front: 2382 mm Rear: 2070 mm
Top speed	38 km/h

**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**

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**Fax: +86-21-541-71572**

Max.gradeability	≥29%
Min. turning radius	≤8.5m
Body hoist	Tipping and falling time of body≤20 sec.
Body capacity	Struck 10.7m <sup>3</sup> Heaped (SAE2:1) : 13.9 m <sup>3</sup>
Model of Tyres	14.00-24
Electrical system voltage	24V
Engine	
Model	Cummins NT855-C250
Bore X Stoke	140 X152 mm
Total displacement	14L
Max. power	187 kw/2100 r/min
Max.torque	1019N.m/1500r/min
Clutch	
Type	Double-plate dry clutch14"
Transmission	
Model	Fuller 8JS 118C with 7forward and 1 reverse
Drive ratio: Forward Gears 1	8.03
Drive ratio: Forward Gears 2	5.32
Drive ratio: Forward Gears 3	3.36
Drive ratio: Forward Gears 4	2.54
Drive ratio: Forward Gears 5	2.39
Drive ratio: Forward Gears 6	1.58
Drive ratio: Forward Gears 7	1.00
Drive ratio: reverse Gears 8	8.00
Front Axle	
Type	Heavy-duty seamless steel tube welded.
Toe in	0-3mm
Drive axle	
Type	Double reduction, full-floating axle shaft. Cast-steel axle housing.
Central reduction ratio	4.14:1
Epicyclic reduction ratio	3.33:1
Total ratio	13.78:1
Steering	
Type	Hydraulic assisted power steering.
Model	GX110C
Working pressure	14MPa
Suspension	
Type	Semi-elliptic leaf springs with rubber bumper. Front suspension has individual absorbers.

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Cabin	
Type	Ergonomically designed, all steel construction, left hand drive cabin with adjustable seat that is fully thermal and noise insulated. Instrumental panel with gauges, warning and indicator lamps. All controls and levers are located for ease of operation. Automotive safety glass all round for maximum operator protection.
Dump body	
Type	Rock-type, high-tensile steel plate-welded body with exhaust heating, Side plate and under floor ribs are manufactured from high yield point steel.

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