



Qingdao Zongjin Engineering Machinery Co.,Ltd.

ADD: #1115, International Business Center , NO.196 Zhengyang Rd , Chengyang , Qingdao , China

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## Specification of ZL12 wheel loader



### Performance and characteristic

- I、 Equipped with Changchai 4L68 engine, optional Xinchai 490 (Euro III) engine, Luotuo engine.
- II、 The international CE certification provides an assurance in performance and safety of wheel loaders.
- III、 Joystick makes for supreme user comfort and easy control of the wheel loaders.
- IV、 Hydraulic quick change device, attached various optional tools to solve different tough work.
- V、 Strengthened and reliable transmission, drive axle.
- VI、 Optimized and choose the best quality Hydraulic component which increase the productivity ,sealing reliability.
- VII、 Articulated frame with box structure.
- VIII、 Option attachment: wooden fork, pipe/pallet fork, grass fork, rock bucket, bigger bucket, long arm etc.



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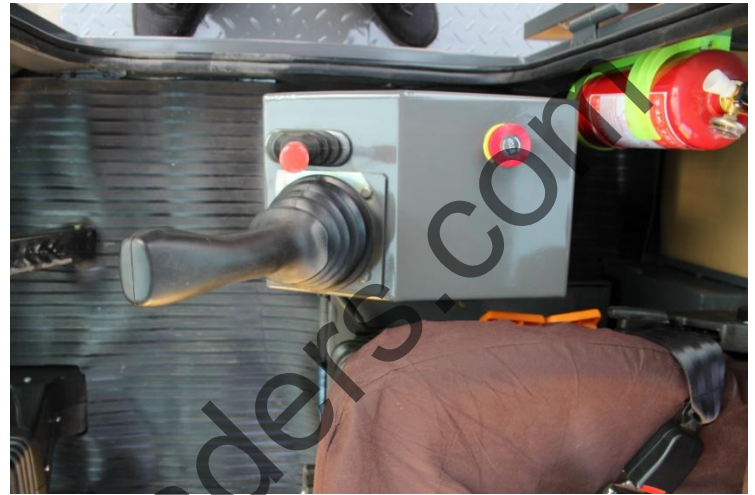
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<b>Basic Parameters</b>	<b>Overall weight (kg)</b>	<b>3100</b>
	<b>Overall dimension (LxWxH)(mm)</b>	<b>4800X1770X2720</b>
	<b>Rated capacity(m<sup>3</sup>)</b>	<b>0.4</b>
	<b>Rated weight(kg)</b>	<b>1200</b>
	<b>Max.breakout force(kn)</b>	<b>36</b>
	<b>Max.drawbar pull(kn)</b>	<b>2587</b>
	<b>Max.grade ability</b>	<b>60°</b>
	<b>Total of three time: Lifting,Dumping,Lowering(s)</b>	<b>8.5</b>
	<b>Max.dump reach</b>	<b>1020</b>
	<b>Max.dump height</b>	<b>2650</b>
	<b>Min.ground clearance</b>	<b>8.5</b>
	<b>Wheel base</b>	<b>2005</b>
	<b>Performance of bucket being set level</b>	<b>Yes</b>
	<b>Min.turning radius(outside of bucket)(mm)</b>	<b>4500</b>
	<b>Time of raise</b>	<b>4</b>
<b>Wheel distance</b>	<b>1400</b>	
<b>Engine</b>	<b>Model</b>	<b>Changchai 4L68</b>
	<b>Pattern</b>	<b>In-line arrangement,Water cooling,four-stroke</b>
	<b>Number of cylinders-internal diameter*strokes</b>	<b>4X95X100</b>
	<b>Max.torsion</b>	<b>167</b>
	<b>Rated power(kw)</b>	<b>37</b>
	<b>Min.fule consuming rate</b>	<b>3000</b>
	<b>Specified rotational speed(r/min)</b>	<b>2200</b>
<b>Driven System</b>	<b>Model of torque device</b>	<b>YJ240</b>
	<b>Pattern</b>	<b>Single-phase single-stage radial-inward turbine triples</b>
	<b>Pattern of gearboxes</b>	<b>Fixed-spindle power shift</b>
	<b>Number of gear shift</b>	<b>4</b>
	<b>Max.travel speed</b>	<b>16</b>
<b>Tyre Parameters</b>	<b>Tyre size</b>	<b>1100-16</b>
	<b>Front tyre pressure</b>	<b>4.5</b>
	<b>Rear tyre pressure</b>	<b>3.5</b>
<b>Steering System</b>	<b>Pattern</b>	<b>Steering</b>
	<b>Steering angle(each direction)</b>	<b>35°</b>
<b>Working Hydraulic System</b>	<b>Valve distributing working</b>	<b>ZL15</b>
	<b>Working pumps</b>	<b>CBG2040</b>
	<b>Fuel capacity(L)</b>	<b>45</b>
	<b>Pressuer of working hydraulic system(Mpa)</b>	<b>16</b>