



Qingdao Zongjin Engineering Machinery Co.,Ltd.

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

<http://www.chinawheelloaders.com>

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

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## Specification of ZL30 wheel loader



### Performance and characteristic

- I、 To match the re-optimization engine with strong power, strengthened the good starting performance, and the operating efficiency and performance is greatly improved.
- II、 Advanced cooling system, and to withstand 40° high temperature, can also play the highest performance in a high dust environment.
- III、 Full hydraulic steering, the hydraulic valve designed and produced by hydraulic system performance.
- IV、 International advanced technology with stable and reliable quality to promote the hydraulic system performance.
- V、 Using ISR hoses with high quality, strength and reliability is greatly



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improved.

VI、 Fixed axle gearbox, power shift, featured by simple structure, high transmission.

VII、 Efficiency, long lift, easy maintenance, more gear, and high speed, is suitable for heavy load operating conditions.

VIII、 The cab fully adopting tempered glass, driving comfortably with wide view. Bigger counterweight, bigger load capacity.

IX、 New cooling system design, can meet t minus 20-43° Environment temperature requirements.





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Performance	Rated loading	3000kg
	Overall weight	9600kg
	Bucket capacity	1.7-2.5m <sup>3</sup>
	Maximum traction force	95KN
	Maximum breakout force	127KN
	Maximum grade ability	30℃
	Maximum dump height	3100mm
	Maximum dump reach	1006mm
	Overall dimension (LxWxH)	6890*2430*3070mm
	Minimum turning radius	5097mm
Engine	Model	CUMMINS 6BT5.9-C130
	Type	Vertical, in-line, water cooled, 4-stroke diesel engine
	NO. of cylinder-bore*stroke	6-108*125
	Rated power	97kw—2200r/min
	Maximum torque	500N.m
	Min. fuel-consume ratio	≅210Kw h
Transmission system	Torque converter	HangChi 428
	Gearbox mode	Power shaft normally engaged straight gear
	Gears	2forward 1 reverse
	Maximum speed	40km/h
Drive axles	Main reducing spiral	Bevel gear grade 1reduction
	Decelerating mode	Planetary reduction grade 1
	Wheel base (mm)	2660mm
	Wheel tread	1800mm
	Ground clearance	400mm
Hydraulic system	System working pressure	16,5MPa
	Boom lifting time	4.83
	Total time	9.15±0.5s
Brake system	Service brake	Air assist disc brake on 4 wheels
	Parking brake	Manual disk brake
Tyre	Type specification	17.5-25
	Front tyre pressure	0.4Mpa
	Rear tyre pressure	0.35Mpa