



#### **ZL60H WHEEL LOADER SPECIFICATIONS**

- Equipped with reliable original Cummins engine
- Kick-down switch allows better efficiency & easy operation
- Famous original GRAZIANO wet type axle with multi-disc limitedslip differentials deliver maximum traction in changing traction conditions
- Reliable ZF transmission case and torque converter
- Bucket automatic leveling ability
- Combined seal cylinder obtains high seal performance and more reliability

Tonability				
Overall Dimension				
1	Length(with bucket on ground)	8280(mm)		
2	Width(to outside of wheels)	2897(mm)		
3	Bucket width	3064(mm)		
4	Height(To the top of the cab)	3565(mm)		
5	Wheel base	3300(mm)		
6	Tyre tread	2300(mm)		
7	Min. ground clearance	460(mm)		

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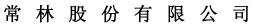
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6000(Kg) 18600kg 3.5(m <sup>3</sup> )			
18600kg			
3.5(m <sup>3</sup> )			
0.0(111 )			
186KN			
180 KN			
3028(mm)			
1229(mm)			
≥ 45 <sup>0</sup>			
212(mm)			
0 Min. turning radius			
6870(mm)			
6400(mm)			
38 <u>+</u> 1 <sup>0</sup>			
<u>+</u> 12°			
6.0(sec.)			
3.9(sec.)			
1.9(sec.)			
Traveling speed(Km/h)			
6.6			
11.7			
23.1			
36			

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1	Model	Cummins 6CTAA8.	3-C240 (TIER2)	SHANG	SHANGCHAI C6121ZG20 (TIER1)		
2	Туре	Direc	ct injection. Turbo	n. Turbocharged. Water cooling			
3	Rated output		179kW	,	174kW		
4	Inter-bore of	cylinder/stroke	114/135(mm)		121/152 ( mm )		
5	Total exhaust	of cylinder	8.3(L)		10.5L		
6	Model of star	ting motor	Delco-Remy 42MT		4N3181		
7	Power of star	t motor	8.2(KW)		7.5(KW)		
8	Voltage of sta	arting motor	24(V)		24V		
9	Rated speed		2200rpm		2200rpm		
10	Max. Torque		1146(N.m)		918.5(N.m)		
11	Starting type		Electric		Electric		
12	Min. specific	fuel consumption	205(g/Kw.h)		238g/Kw.h		
13	Engine specif	fic oil consumption	0.9-1.6(g/Kw.h)		0.95-1.77(g/Kw.h)		
14	Net weight		617(Kg)		960Kg		
Tra	nsmission Syst	em					
1. Torque Converter							
1	Туре			3-element.single stage			
2	Torque ratio			2.55			
3	Max. Dia. of f	low path		340(mm)			
4	Cooling type		Pressure oil circulating				
2. Gear Box							
1	Model			ZF 4WG200			
2	Туре			Fixed shaft. Power shift			
3	Gear shift pos	sition	4 F	4 Forward and 3 reverse gears			

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3. Axle and Tire						
	Type of main reducer			single stage		
2	Gear ratio of main reducer			4.444		
3	Type of final reducer			single stage planetary		
4	Gear of ratio of final reducer			5.167		
5	Total gear ratio			22.963		
6	Size of tyre			23.5-25 -16PR (L-3)		
Work	ing Device Hydraulic System					
1	Model of oil pump			P257-G80367ZCA6/P124-G20LIG		
2	System pressure			20(MPa)		
3	Model of distribution valve			HUSCO 7130-B97		
4	Model of pilot pressure controller valve			HUSCO 7480-75		
5	(d*I)Dimension of lifting cylinder			Ф160*90*801(mm)		
6	(D*I)Dimension of tilting cylinder			Ф210*110*494(mm)		
Steer	ing System					
1	Type Middle articulated fr	ame.	full hy	draulic powe	er	
2	Model of steering pump	P36	60-G80	467RD6G	P257-G80467HCX6/G40LIG	
		( for (		6121)	(For Cummins)	
3	Model of steering gear	of steering gear		BZZ <sub>3</sub> -100		
5	System pressure			16MPa		
6	6 Dimension of steering cylinder		Ф100*50*425(mm)			
Brake System						
1	Type of traveling brake		Air assisted oil.4 wheel brake			
2	2 Air pressure		0.7-0.8 (MPa)			

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2	Type of emergency brake	Manual control cutting-off air brake		
3	Type of parking brake	inner expand hoof Automatic boosting. inner expand hoof		
Oil Capacity				
1	Fuel(diesel)	350(L)		
2	Engine lubricating oil	19(L)		
3	Brake System	2 x 1.5(L)		
4	Oil for converter and gear box	45(L)		
5	Oil for hydraulic system	250(L)		
6	Oil for driving axles (F/R)	70(L)+57(L)		