



ZL75H WHEEL LOADER SPECIFICATIONS

- Equipped with reliable original Cummins engine
- Kick-down switch allows better efficiency & easy operation
- Reliable ZF transmission case and Torque Converter
- Famous original GRAZIANO or VOLVO wet-type axles with DL multi-disc limited-slip differentials deliver maximum traction in changing traction conditions
- Bucket automatic leveling ability
- Combined seal cylinder obtains high seal performance and more reliability

Overall Dimension		
1	Length(with bucket on ground)	8698(mm)
2	Width(to outside of wheels)	3099(mm)
3	Bucket width	3250(mm)
4	Height(To the top of the cab)	3686(mm)
5	Wheel base	3400(mm)
6	Tread	2350(mm)
7	Min. ground clearance	510(mm)
Main Technical Specification		

1	Rated load	7500(Kg)
2	Operating weight	23500kg
3	Rated bucket capacity	4.2(m ³)
4	Max. breakout force	220KN
5	Max. Driving force	222 KN
6	Max. dump clearance	3220(mm)
7	Dump reach	1275(mm)
8	Dump angle at any position	≥ 45 ⁰
9	Digging depth(with bucket bottom horizontal)	221(mm)
10	Min. turning radius	
	(1)Outside of bucket	7042(mm)
	(2)Outside of rear wheel	6487(mm)
11	Pivot angle frame	38±1 ⁰
12	Oscillating angle of rear axle	±12 ⁰
13	Lifting time of bucket	6.1(sec.)
14	Lowering time of bucket	3.8(sec.)
15	Dumping time	1.9(sec.)
16	Traveling speed(Km/h)	
	(1)1st gear (Forward & reverse)	7.4
	(2)2nd gear (Forward & reverse)	12.4
	(3)3rd gear (Forward & reverse)	25.9
	(4)4th gear (Forward)	37
Diesel engine		
1	Model	Cummins M11-C

2	Type	Direct injection. Turbocharged. Water cooling
3	Rated output	216(Kw)
4	Inter-bore of cylinder/stroke	125/147(mm)
5	Total exhaust of cylinder	10.8(L)
6	Model of starting motor	42MT400
7	Power of start motor	7.5(KW)
8	Voltage of starting motor	24(V)
9	Rated speed	2100(r/min.)
10	Max. Torque	1329(N.m)
11	Starting type	Electric
12	Min. specific fuel consumption	198(g/Kw.h)
13	Engine specific oil consumption	1.0 (g/Kw.h)
14	Net weight	980(Kg)
Transmission System		
1. Torque Converter		
1	Type	3-element.single stage
2	Torque ratio	2.985
3	Max. Dia. of flow path	370(mm)
4	Cooling type	Pressure oil circulating
2. Gear Box		
1	Model	ZF4WG308
2	Type	Fixed shaft. Power shift
3	Gear shift position	4 Forward and 3 reverse gears
3. Axle and Tire		

1	Type of main reducer	single stage
2	Gear ratio of main reducer	4.777
3	Type of final reducer	single stage planetary
4	Gear of ratio of final reducer	5.167
5	Total gear ratio	24.685
6	Size of tyre	26.5-25 -20PR (L-3)
Working Device Hydraulic System		
1	Model of oil pump	322-9529-157
2	System pressure	21(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	Φ180*100*767(mm)
6	(D*I)Dimension of tilting cylinder	Φ210*110*555(mm)
Steering System		
1	Type	Middle articulated frame. full hydraulic power
2	Model of steering pump	322-9112-207
3	Model of steering gear	150-1084
5	System pressure	17.5MPa
6	Dimension of steering cylinder	Φ100*50*441(mm)
Brake System		
1	Type of traveling brake	Full hydraulic wet-type disks brake
2	Oil pressure	15 (MPa)
2	Type of emergency brake	Lower pressure alarm brake
3	Type of parking brake	Electric control brake

Oil Capacity		
1	Fuel(diesel)	423(L)
2	Engine lubricating oil	32(L)
3	Oil for converter and gear box	38(L)
4	Oil for hydraulic system	300(L)
5	Oil for driving axles (F/R)	70(L)+57(L)