



WZ30-25 BACKHOE LOADER SPECIFICATIONS

- Equipped with reliable genuine Cummins engine
- 4 forward & 4 reverse synchromesh mechanical shift transmission
- Combined seal cylinder obtains high seal performance and more reliability
- Improved loader and backhoe performance
- CARRARO wet type rear axle with multi-disc brake& CARRARO front axle
- New-type cab with more space, increases comfort and visibility
- With 2 wheel driving or 4 wheel driving for option

Overall Dimension		
1	Length(with bucket on ground)	7077(mm)
2	Width	2313(mm)
3	Load Bucket width	2313(mm)
4	Height(To the top of the cab)	2720 (mm)
5	Height(To the top of the digging pole)	3424 (mm)
6	Wheelbase	2155.5(mm)
7	Back wheel Tread	1557(mm)
8	Fore wheel Tread	1714(mm)

9	Min. ground clearance	355(mm) for 2WD 275(mm) for 4WD
Main Loading Technical Specification		
1	Rated load	1700(Kg)
2	Operating weight	7000KG
	Max lifting capability	>2500KG
3	Rated load bucket capacity	1.0(m ³)
4	Max. load breakout force	>40kN
5	Max. dump clearance	2611(mm)
6	Dump reach	726(mm)
7	Dump angle at any position	≥ 43.5°
8	Min. turning radius	
	(1) Outside of bucket	5263(mm)
	(2) Outside of front wheel	3940 (mm) for 2WD 4440(mm) for 4WD
9	Lifting time of loading bucket	≤5.1(sec.)
10	Lowering time of loading bucket	≤5.9(sec.)
11	Dumping time	≤0.9(sec.)
12	Traveling speed(Km/h), 4 forward and 4 reverse	
	(1) I gear forward	5.8
	(2) II gear forward	10.5
	(3) III gear forward	20.1
	(4) IV gear forward	40.2
	(1) I gear reverse	7.0
	(2) II gear reverse	12.6

	(3) III gear reverse	24.3
	(4) IV gear reverse	48.6
Main Digging Technical Specification		
1	Rated digging bucket capacity	0.3(m ³)
2	Max. digging depth	4338(mm)
3	Max. digging force	>50±10 % kN
4	Max. digging radius	5484(mm)
5	Max. dumping height	3737(mm)
Diesel engine		
1	Model	Cummins 4BT4.5-C99
2	Type	Direct injection. Turbocharged. Water cooling
3	Rated output	74(kW)
4	Total exhaust of cylinder	4.5(L)
5	Inter-bore of cylinder/stroke	102/138(mm)
6	Voltage of starting motor	12(V)
7	Rated speed	2200(r/min)
8	Max. Torque	414(N.M)
9	Starting type	Electric
10	Min. specific fuel consumption	225(g/Kw.h)
Transmission System		
(一) Torque Converter		
1	Model	CARRARO
2	Cooling type	Pressure oil circulating
(二)、Transmission case		
1	Model	CARRARO

2	Type	Synchromesh mechanical shift	
3	Gear shift position	4 Forward and 4 reverse gears	
(三)、Axle and Tire			
1	Model	CARRARO	
2	Type of main reducer	spiral bevel gear, single stage	
3	Type of final reducer	Single stage planetary	
4	Max. steering angle	55 ⁰	
5	Tire type	4WD fore tire12-16.5NHS-10PR	
		2WD fore tire11L-16F3-12PR	
		Rear tire 19.5L-24R4-12PR	
Working Device Hydraulic System			
1	Model of oil pump	PGP350A578SEAB12	
2	System pressure	215(kgf/cm ²)	
3	Model of priority valve	WALVOIL SD16/2、SD16/6	
Steering System			
1	Type	Fore wheel Steering	
2	Model of steering pump	PGP350A578SEAB12	
3	Model of steering gear	150-1219	
4	System pressure	140(kgf/cm ²)	
Oil Capacity			
1	Fuel(diesel)	151(L)	
2	Engine lubricating oil	11(L)	
3	Oil for converter and gear box	18.5(L)	
4	Oil for hydraulic system	110(L)	
5	Oil for driving axles (F/R)	8 + 17(L)	