



WZ30-25 BACKHOE LOADER SPECIFICATIONS

- Equipped with reliable genuine Cummins engine
- 4 forward & 4 reverse Power Shuttle transmission
- Combined seal cylinder obtains high seal performance and more reliability
- Improved loader and backhoe performance
- CARRARO wet type 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	7400KG
	Max lifting capability	>2600KG
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	Max. 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 4BT3.9-C85
2	Type	Direct injection. Turbocharged. Water cooling
3	Rated output	63 (kW)
4	Total exhaust of cylinder	3.9(L)
5	Inter-bore of cylinder/stroke	102/120(mm)
6	Voltage of starting motor	12(V)
7	Rated speed	2200(r/min)
8	Max. Torque	344(N.M)
9	Starting type	Electric
10	Min. specific fuel consumption	216(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	Synchro shuttle and powershift
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°
5	Tire type	4WD fore tire 12-16.5NHS-10PR
		2WD fore tire 11L-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)