



## FEATURES

- Cat 3306B or Cummins 6CTA8.3-615 engine
- ZF transmission
- SDLG axles with air over hydraulic disc brakes
- A/C ROPS cabin with pillarless wrap around windscreen for maximum visibility
- Single lever hydraulic pilot control
- 2 years or 2000 hours warranty

## OPTIONS

- Optional hydraulic quick hitch
- Optional full powered hydraulic 3rd function
- Optional extended loader arms (+300 mm or +429 mm)
- Optional auto weighing equipment
- Optional auto greasing system
- Large range of practical attachments available

## SPECIFICATIONS

Item	Performance
Engine horse power	164 kW / 220 HP at 2300 rpm
Max. traction force (by engine)	≥150.0 kN
Operating weight	16,400kg/16.4t
Standard bucket capacity	3.0 m <sup>3</sup>
Rated load	5000 kg
Max. brakeout force	≥160.0 kN / 16,320 kg / 16.32t
Static tipping load	≥100.0 kN / 10,200 kg / 10.2t
Min. turning radius outside rear wheel	6044 mm
Min. turning radius outside bucket	6707 mm

## ENGINE

Item	Performance	
	CAT	CUMMINS
Model	3306B (C6121ZG19)	6CTA8.3-615
Type	Straight-lined, water cooled, direct injection	Straight-lined, water cooled, direct injection
Rated power	162 kW/217 HP	160kW/214 HP
Rated rpm	2200 rpm	2200 rpm
Displacement	10.45 L	8.3 L
Cylinder No.	6	6
Cylinder bore/stroke	121/152.4 mm	114/135 mm
Min. fuel consumption	≤235g g/kW.h	≤233 g/kW.h
Max. torque	843 Nm	908 Nm

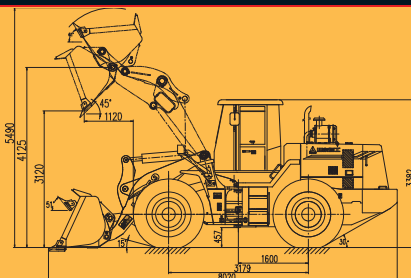
## WORKING SYSTEM

Item	Performance
Type	Single lever hydraulic pilot control
Boom cylinder- cylinder borexpiston rod diameterxstroke	165x90x767 mm
Bucket cylinder- cylinder borexpiston rod diameterxstroke	180x90x538 mm
Pump	CBGj3100C
Multiple directional control valve type	D32-18
Working pressure	2610 Psi
Lifting time (max load)	≤5.5s
Lowering time (empty)	≤3.0s
Dumping time (empty)	≤1.2s
Total	≤9.7s

## STEERING SYSTEM

Item	Performance
Type	Full-hydraulic articulated steering
Steering cylinder-cylinder borexpiston rod diameterxstroke	90x50x424 mm
Redirector	BZZ-100
Steering angle	38°
Working pressure	2030 Psi

## DIMENSIONS OF 958



## TRANSMISSION

Item	Performance				
	Torque converter	Type ZF	Circulated, water cooled		
Torque ratio		2.55			
Cooling system		Circulated, water cooled			
Inlet oil pressure		123 Psi			
Outlet oil pressure		72 Psi			
Travel speed	Speeds	I	II	III	IV
	Forward(km/h)	0-6.5	0-11.5	0-23	0-36
	Reverse(km/h)	0-6.5	0-11.5	0-23	--
Transmission	Type	Dead axle electrohydraulic shift			
	Shift	Forward 4 Reverse 3			
	Transmission ratio	Forward I	4:278		
		Forward II	2:368		
		Forward III	1:126		
		Forward IV	0:648		
		Reverse I	4:278		
		Reverse II	2:368		
	Reverse III	1:126			
	Working pressure	203-232 Psi			
Main drive	Type	Single stage, spur gear			
	Gear ratio	5:286			
Final drive	Type	Single stage, planetary shift			
	Gear ratio	4:4			
Driving axle and tyre	Type	Driving axle and planetary			
	Tyre specification	23.5x25			
	Tyre pressure	Front wheel	48-51 Psi		
Rear wheel		40-43 Psi			
Brake system	Service brake	Air over hydraulic disc brake on 4 wheels			
	Service brake	65-99 Psi			
	Parking brake	Air brake			

## SERVICE REFILL CAPACITIES

Item	Performance	Item	Performance
Fuel	300L	Engine	20L
Hydraulic oil	200L	Gear box	35L
Axles (main drive and final drive)	32L	Brake system	4L

## DIMENSIONS

Item	Performance	Item	Performance
Length (With bucket on ground)	8020 mm	O/s to o/s width of wheels	2740 mm
Height	3382 mm	Wheel centre to wheel centre	2144 mm
Max. dumping height (-45° dump angle)	3120 mm	Front wheel to bucket edge	1120 mm
Bucket width	3050 mm	Wheelbase (front/back)	3200 (1600/1600) mm

