



Meets EPA Tier 2

- **Rated Power** 129kW(173hp)
- **Operating Weight** 13700kg
- **Rated Load** 4000kg



- ZF transmission adopted electro-hydraulic shift control system with neutral started-protective and neutral gear lock functions

- ROPS/FOPS cab with a panoramic visibility equipped with electronic surveillance system and adjustable steering wheel

- Cummins electronic controlled diesel engine with low noise, low emission and high efficiency meets EPA tier 2. Integrated engine hood can be opened backward.

- Single lever control the bucket to lift or tilt



Overall data

Operating Weight	13700kg
Bucket Capacity	2.3m ³
Rated Load	4000kg
Maximum traction	117 ± 5kN
Grade ability	30°
Breakout force (tilt cylinder)	120 ± 5kN
Static Tipping Load (full 38° turn)	80 ± 5kN

Engine	CUMMINS QS85.9-C173
Rated Power	129kW(173hp)@2200rpm
Peak Torque	800Nm@1500rpm
Displacement	5.9L
Cylinders-Bore x Stroke	6-102 x 120mm

Transmission	ZF 4WG200
Type:	counter shaft-type power shift, semi-automatic electrical hydraulic shifting control

Converter: single-stage, single-phase, three elements torque converter

Travel Speeds(km/h)	Gear 1 Gear 2 Gear 3 Gear 4				
	Forward	0~7.4	0~13.1	0~25.6	0~37.7
Reverse	0~7.4	0~13.1	0~25.6		

Steering

Articulated frame, full hydraulic power with flow amplified system, full-flow filtering

Axles

Self-locking differentials, wet multi-disc brakes

Brakes

Service brakes: All wheels use wet multi-disc brakes
 Parking brakes: Shoe-type brake, operator applies electronic-control
 Emergency brakes: Using parking brake, the brake will automatically /manually apply. Equipped with braking low-pressure warning and flameout emergency braking warning

Hydraulic System

Relief valve setting				18MPa
Hydraulic cycle time, rated load in bucket (in second)				
Raise	Dump	Lower(empty, float down)	Total	
6.6	1.1	3.4	11.1	

Capacities

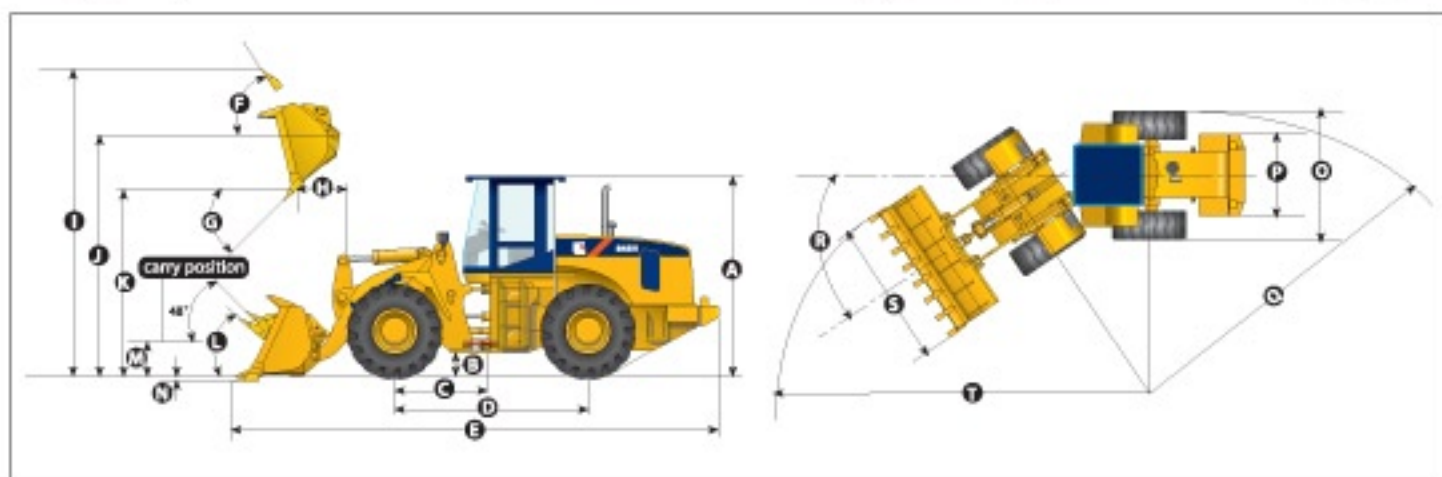
Fuel tank	210L
Hydraulic tank	230L
Crankcase	22L
Transmission	45L
Different & final drivers-front	35L
Different & final drivers-rear	34L
Tires	20.5-25

Tires

Equipment	• Standard	▲ Optional
• CUMMINS QS85.9-C173 engine		• Pilot control
• ZF 4WG200 transmission		• Liugong axles
• Automatic bucket leveler		• lift kick-out system
• ROPS / FOPS cab		• Air conditioner
• General bucket		• Back-up alarm
• Bias ply tires		
▲ Side dump		▲ Log fork
▲ Rock bucket		▲ Ore bucket
▲ Wheel loader scale		▲ Bias ply tubeless tires
▲ Automatic single lever with pilot control		
▲ Centralized automatic lubricating system		
▲ Radial ply tubeless tires		

Dimensions with Bucket

A: Height to top of cab and canopy	3347 ± 50mm	K: Dump height	2900 ± 50mm
B: Ground clearance	410 ± 20mm	L: Maximum rollback at ground	43.3°
C: Length from centerline of front axle	1500mm	M: Hinge pin height at carry position	450mm
D: Wheelbase	3000 ± 30mm	N: Maximum digging depth	50mm
E: Overall length	7511 ± 100mm	O: Width over tires	2470 ± 50mm
F: Maximum rollback at full height	61°	P: Tread width	1950 ± 10mm
G: Bucket dump at full height	45°	Q: Turning radius outside tires	5591 ± 50mm
H: Dump reach	1034 ± 50mm	R: Maximum steering angle(each side)	38°
I: Maximum overall height	4962mm	S: Bucket width	2766 ± 30mm
J: Hinge pin height at full lift	3790mm	T: Turning radius outside bucket	6252 ± 50mm



Specifications and design are subject to change without prior notice. Machines shown may include optional equipment.