



Meets EPA Tier 2

- **Rated Power** 97kW(130hp)
- **Operating Weight** 11600kg
- **Rated Load** 3000kg



- 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 / tilt

Overall data

Operating Weight	11600kg
Bucket Capacity	1.7m ³
Rated Load	3000kg
Maximum traction	100±3kN
Grade ability	29°
Breakout force (tilt cylinder)	93.5±3kN
Static Tipping Load (full 38° turn)	66kN

Engine	CUMMINS Q585.9-C130
Rated Power	97kW(130hp)@2200rpm
Peak Torque	542Nm@1400rpm
Displacement	5.9L
Cylinders-Bore x Stroke	6-102 x 120mm

Transmission ZF 4WG158
 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	0~6.6	0~12	0~23	0~37
Reverse	0~6.6	0~12	0~23	

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 system

Hydraulic system

Relief valve setting	16MPa		
Hydraulic cycle time, rated load in bucket (in second)			
Raise	Dump	Lower(empty, float down)	Total
4.8	1.1	2.9	8.8

Capacities

Fuel tank	200L
Hydraulic tank	150L
Crankcase	12L
Transmission	40L
Different & final drivers-front	28L
Different & final drivers-rear	28L

Tires

17.5-25

Equipment

- | • Standard | ▲ Optional |
|---|---------------------------|
| • CUMMINS Q585.9-C130 engine | • Pilot control |
| • ZF 4WG158 transmission | • Liugong axles |
| • Automatic bucket leveler | • lift kick-out system |
| • ROPS / FOPS cab | • Air conditioner |
| • General bucket | • Back-up alarm |
| • Radial ply tubeless tires | |
| ▲ Side dump | ▲ Log fork |
| ▲ Wheel loader scale | ▲ Ore bucket |
| ▲ Automatic single lever with pilot control | ▲ Rock bucket |
| ▲ Centralized automatic lubricating system | ▲ Bias ply tubeless tires |
| ▲ Emergency steering system | ▲ Quick couplers |
| ▲ Boom suspension system | |

Dimensions with Bucket

A: Height to top of cab and canopy	3260±30mm	K: Dump height	2911±30mm
B: Ground clearance	312±30mm	L: Maximum rollback at ground	40°
C: Length from centerline of front axle	1300mm	M: Hinge pin height at carry position	465mm
D: Wheelbase	2800mm	N: Maximum digging depth	35mm
E: Overall length	6940±50mm	O: Width over tires	2300±50mm
F: Maximum rollback at full height	60°	P: Tread width	1850±20mm
G: Bucket dump at full height	45°	Q: Turning radius outside tires	4960mm
H: Dump reach	1080±30mm	R: Maximum steering angle(each side)	40°
I: Maximum overall height	4588mm	S: Bucket width	2456±10mm
J: Hinge pin height at full lift	3721mm	T: Turning radius outside bucket	5618mm

