



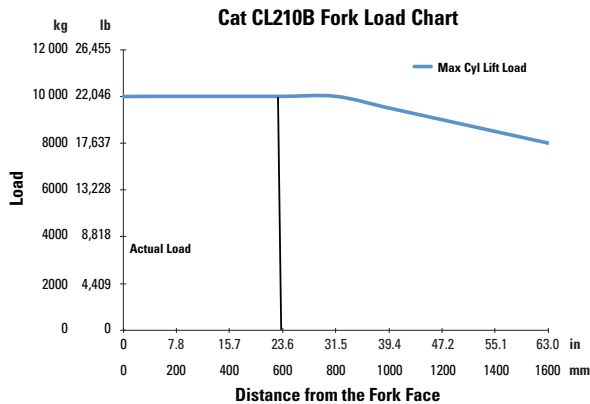
Cat® CL210B

LHD VEHICLE

Specifications

Capacities

Bucket Payload	8000 kg	17,636 lb
RAS Forks, Maximum Payload	10 000 kg	22,046 lb
RAS Slewing Jib, Maximum Payload	7000 kg	15,432 lb
RAS Belt/Cable Reeler, Maximum Payload	7000 kg	15,432 lb
Maximum Un-braked Trailer Mass	10 000 kg	22,046 lb
Maximum Braked Trailer Mass	Consult Caterpillar	



Standard Ejector Bucket

Heaped Capacity (SAE)	3.5 m ³	4.6 yd ³
Struck Capacity	2.7 m ³	3.5 yd ³

Weight

Unladen with Full Tanks and Bucket	19 000 kg	41,887 lb
Laden with Forks and 10T Load	29 000 kg	63,934 lb

Engine (6 Cylinder)

Type	Diesel, Turbocharged	
Cooling System	Coolant Based Radiator	
Radiator Position	Vertical Rear	
Cooling Fan	Hydraulic Driven Fan	
Engine Make/Model	Cat® C7	
Displacement	7.2 L	439.3 in ³
Maximum Power Gross	171.5 kW (230 hp) @ 2,200 rpm	
Maximum Torque Tested	895 N·m (660 lb-ft) @ 1,700 rpm	

Engine Speeds

Low Idle	800 rpm
High Idle	2,300 rpm

Fuel Consumption

At Full Power	39.4 L/hr	10.4 gal/hr
Average Mine Duty	20-40 L/hr	5.3-10.6 gal/hr

Start System

Starter Motor Type	Air Turbine Type
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Intake Air Cleaner

Type/Make	Dry Dual Element/Caterpillar
Intake Flame Trap	Spiral Wound Type

Exhaust Conditioner

Type	Flameproof Wet
Make	Caterpillar
Exhaust Filter	Replaceable Element Except China
Exhaust Flame Trap Aftertreatment	Replaceable China and RSA Catalytic Exhaust Purifier

Transmission

Type	Power Shift with Forward/Reverse
Speeds, Forward and Reverse	4

Axles Standard

Type	Outboard Planetary
Front Axle	Fixed
Rear Axle	Bolster Mount
Type	Bevel Gear and Pinion

Wheels

Make/Model	5 Pieces (Heavy Duty)
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CL210B LHD Vehicle

Tires

Type	XKA Tires		
Size	17.5 × R25		
Ply Rating	Radial		
Inflation Media	Air		
Inflation Pressure	800 kPa	116 psi	

Hydraulic Filtration

Bucket System	Return 10 Micron Replaceable with Bypass
Steer/Brake System	Pressure 10 Micron Replaceable with Bypass

Articulation

Degrees of Turn Either Side	43 Degree
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Oscillation

Degrees Up and Down from Horizon	7.5 Degree
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Seating (Driver)

Type	Cross-seated
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Canopy

Type Protective Device	ROPS/FOPS
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Electrical System

Type	Approved Flameproof
Voltage	12V
Polarity	Floating Chassis

Shutdown System

System Type	DCS Electronic
Standard Shutdowns	Intrinsically Safe Approved
	Low Engine Oil Pressure
	Exhaust Temperature
	Engine Coolant Level
	Engine Coolant Temperature
	Turbo Temperature
	Scrubber Level 1
Optional Shutdowns	Scrubber Level 2
	High Methane
	Low Hydraulic Oil
	Exhaust Scrubber Temperature

Lights

Number/Location	2 Front, 2 Rear
	Approved Flameproof

Alternator

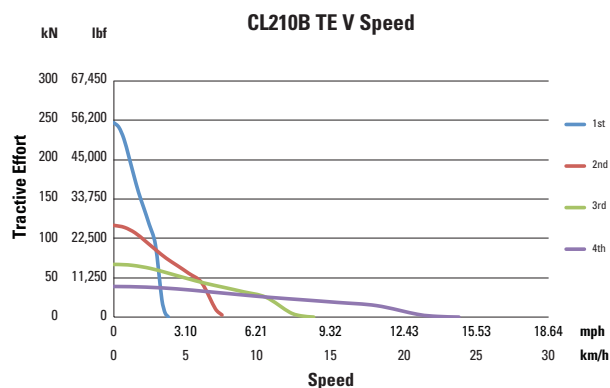
Drive	Hydraulic
Type	Approved Flameproof

Pneumatic System

Compressor Type	Piston Engine Gear Driven	
Air Flow	0.340 m³/min (1.2 ft³/min) @ 1,500 rpm	
Governed Pressure	800 kPa	116 psi
Relief Pressure	830 kPa	120 psi
Air Receiver Volume	150 L	40 gal

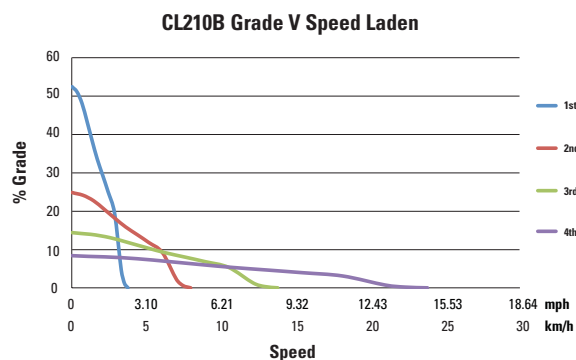
Vehicle Speeds

1st Gear	2.9 km/h	1.8 mph
2nd Gear	6.1 km/h	3.8 mph
3rd Gear	10.5 km/h	6.5 mph
4th Gear	18.1 km/h	11.3 mph



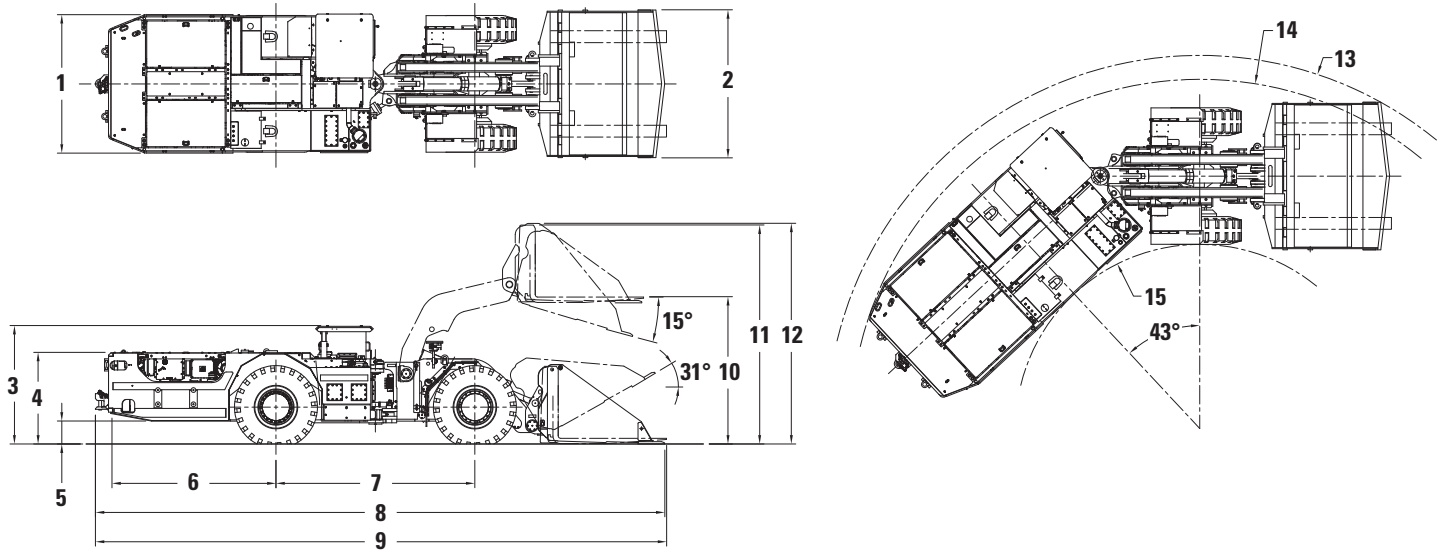
Grade Ability

Front to Rear	1:4
Side to Side (Empty)	1:4
Side to Side (Loaded)	1:8



Service Capacities

Hydraulic Tank	250 L	66 gal
Fuel Tank	200 L	53 gal
Main Air Receiver	150 L	40 gal
Transmission/Converter Oil	40 L	10.6 gal
Engine Crankcase Oil (with Filter)	25 L	6.6 gal
Engine Cooling System Water	72 L	19 gal
Axle Oil (Each)	60 L	15.9 gal
Water Make Up Tank	450 L	118.9 gal



Dimensions (All dimensions are approximate.)

1 Width	2340 mm	92.1 in
2 Width – Overall	2500 mm	98.4 in
3 Height – Top of ROPS		
LOW Canopy Mount	1864 mm	73.4 in
MID Canopy Mount	1927 mm	75.8 in
HIGH Canopy Mount	1990 mm	78.3 in
4 Height – Top of Covers	1550 mm	61 in
5 Height – Ground Clearance	370 mm	14.6 in
6 Length – Rear Axle to Bumper	2770 mm	109 in
7 Length – Wheel Base	3360 mm	132.3 in
8 Length – Overall with Fork	9650 mm	379.7 in
9 Length – Overall with Bucket	9620 mm	378.9 in
10 Lift Height of Fork	2490 mm	98 in
11 Lift Height – Fork Frame	3700 mm	145.7 in
12 Lift Height – Bucket Raised	3730 mm	146.9 in
13 Turn Radius Bucket	6305 mm	248.2 in
14 Outer Turn Radius Frame	5901 mm	232.3 in
15 Inner Turn Radius	3110 mm	122.5 in

CL210B LHD Vehicle

STANDARD EQUIPMENT

- The Cat CL210 comes standard with the Rapid Attachment System (RAS) for rapid pick up and release of attachments.

OPTIONAL EQUIPMENT

- | | | |
|--|---|----------------------------------|
| ■ 10 000 kg (22,046 lb) Forks with Side Shift | ■ Pipe Trailer | ■ Fuel Pod |
| ■ 7000 kg (15,432 lb) Slewing Jib Crane | ■ Power Assist Ready | ■ Concrete Kibble |
| ■ 3.5 m ³ (4.6 yd ³) Bucket – Spade or Straight Lip | ■ 7000 kg (15,432 lb) Belt/Cable Reeler | ■ Trailer Towing Adapter (SH150) |
| ■ 5 m ³ (6.5 yd ³) Bucket (Direct Mount) | ■ 10 000 kg (22,046 lb) Manual Side Shift Forks | ■ Trailer Power Assist (SH150) |
| ■ General Purpose Trailer | ■ Work Platform | |

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