



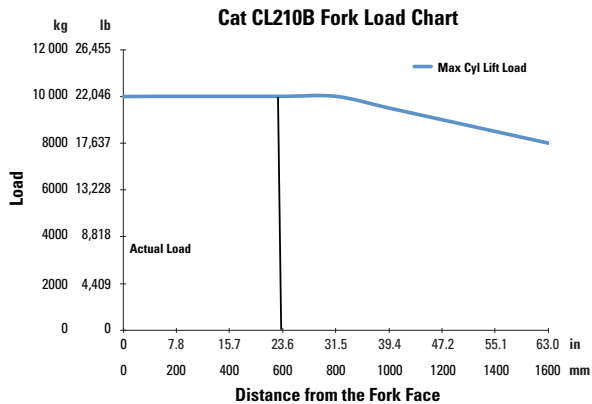
# Cat<sup>®</sup> CL210B

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 <sup>3</sup>	4.6 yd <sup>3</sup>
Struck Capacity	2.7 m <sup>3</sup>	3.5 yd <sup>3</sup>

### 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 <sup>®</sup> C7	
Displacement	7.2 L	439.3 in <sup>3</sup>
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	Replaceable China and RSA
Aftertreatment	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
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## Alternator

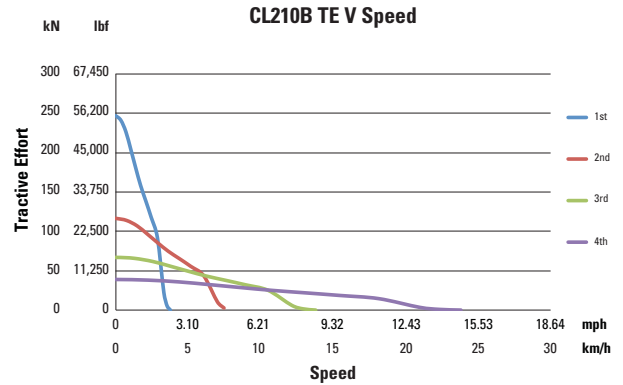
Drive	Hydraulic
Type	Approved Flameproof

## Pneumatic System

Compressor Type	Piston Engine Gear Driven	
Air Flow	0.340 m <sup>3</sup> /min (1.2 ft <sup>3</sup> /min) @ 1,500 rpm	
Governed Pressure	800 kPa	116 psi
Relief Pressure	830 kPa	120 psi
Air Receiver Volume	150 L	40 gal

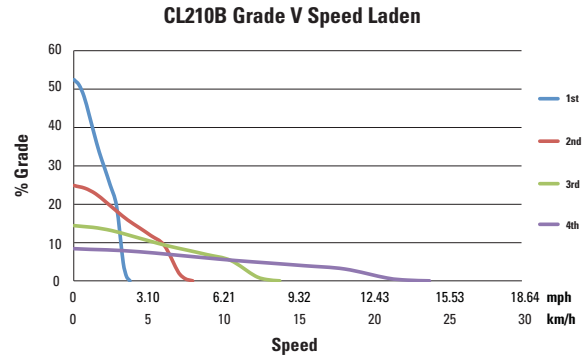
## Vehicle Speeds

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



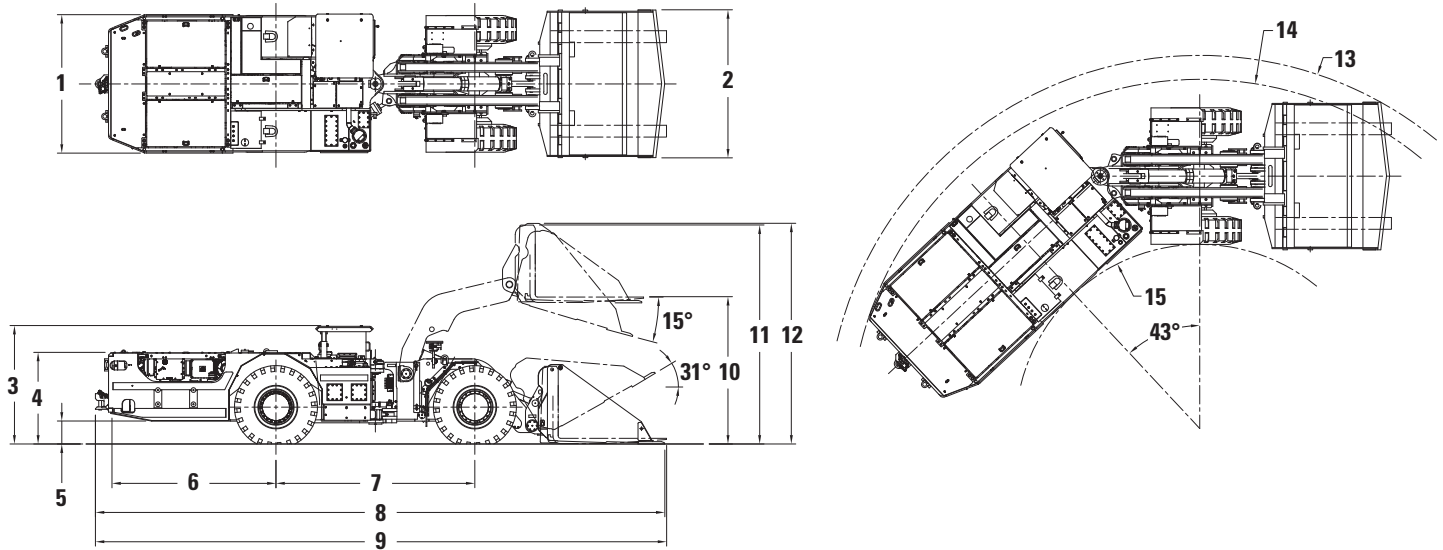
## Grade Ability

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.)

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

# CL210B LHD Vehicle

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## STANDARD EQUIPMENT

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

## OPTIONAL EQUIPMENT

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- |  |   |                                  |
|--|---|----------------------------------|
| ■ 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 <sup>3</sup> (4.6 yd <sup>3</sup> ) Bucket – Spade or Straight Lip | ■ 7000 kg (15,432 lb) Belt/Cable Reeler         | ■ Trailer Towing Adapter (SH150) |
| ■ 5 m <sup>3</sup> (6.5 yd <sup>3</sup> ) 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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