

# Hyundai R210LC-9

## Hydraulic Excavator



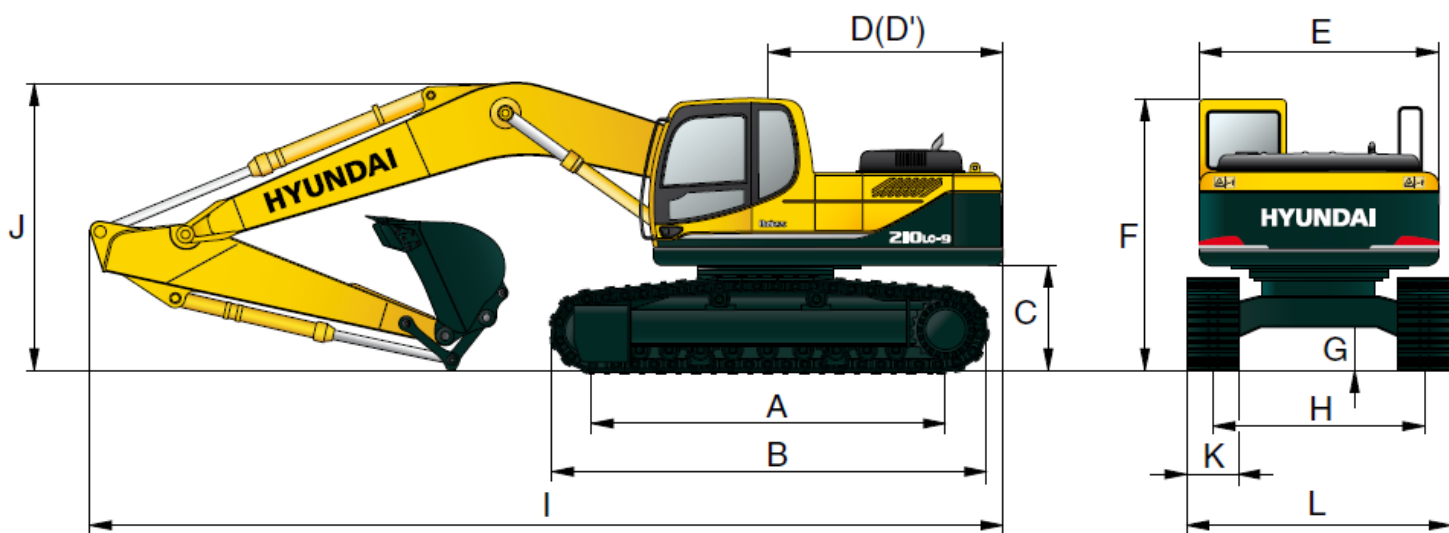
### ENGINE

<b>Model</b>	Cummins QSB6.7		
<b>Type</b>	Water cooled, 4 cycle Diesel, 6-Cylinders in line, direct injection, turbocharged, charged air cooled and low emission		
<b>Rated flywheel horse power</b>	SAE	J1995 (gross)	151 HP (113 kW) / 1,900 rpm
		J1349 (net)	143 HP (107 kW) / 1,900 rpm
	DIN	6271/1 (gross)	153 PS (113 kW) / 1,900 rpm
		6271/1 (net)	145 PS (107 kW) / 1,900 rpm
<b>Max. torque</b>	63.6 kgf.m (460 lbf.ft) / 1,500 rpm		
<b>Bore x stroke</b>	107 x 124 mm (4.2" x 4.9")		
<b>Piston displacement</b>	6,700 cc (409 in3)		
<b>Batteries</b>	2 X 12V X 100AH		
<b>Starting motor</b>	24 V - 4.5 kW		
<b>Alternator</b>	24 V - 50 Amp		

Call 01304 840845

**OVENDEN**

DIG IT > LOAD IT > CLEAR IT > MOVE IT



## DIMENSIONS

<b>Boom Length</b>		5,680mm
<b>Arm Length</b>		2,920mm
<b>A</b>	Tumbler Distance	3,650mm
<b>B</b>	Overall Length of crawler	4,440mm
<b>C</b>	Ground Clearance of counterweight	1,060mm
<b>D</b>	Tail Swing Radius	2,840mm
<b>D'</b>	Rear end length	2,770mm
<b>E</b>	Overall Width upper structure	2,740mm
<b>F</b>	Overall Height of cabin	2,920mm
<b>G</b>	Min Ground Clearance	480mm
<b>H</b>	Track Gauge	2,390mm
<b>I</b>	Overall Length	9,530mm
<b>J</b>	Overall Height of boom	3,030mm

## HYDRAULIC SYSTEM

<b>Pump type</b>	Two variable displacement piston pumps
<b>Main Pump</b>	2 X 222 L /min
<b>Travel:</b>	Two speed axial piston motor with brake valve and parking brake
<b>Swing:</b>	Axial piston motor with automatic brake

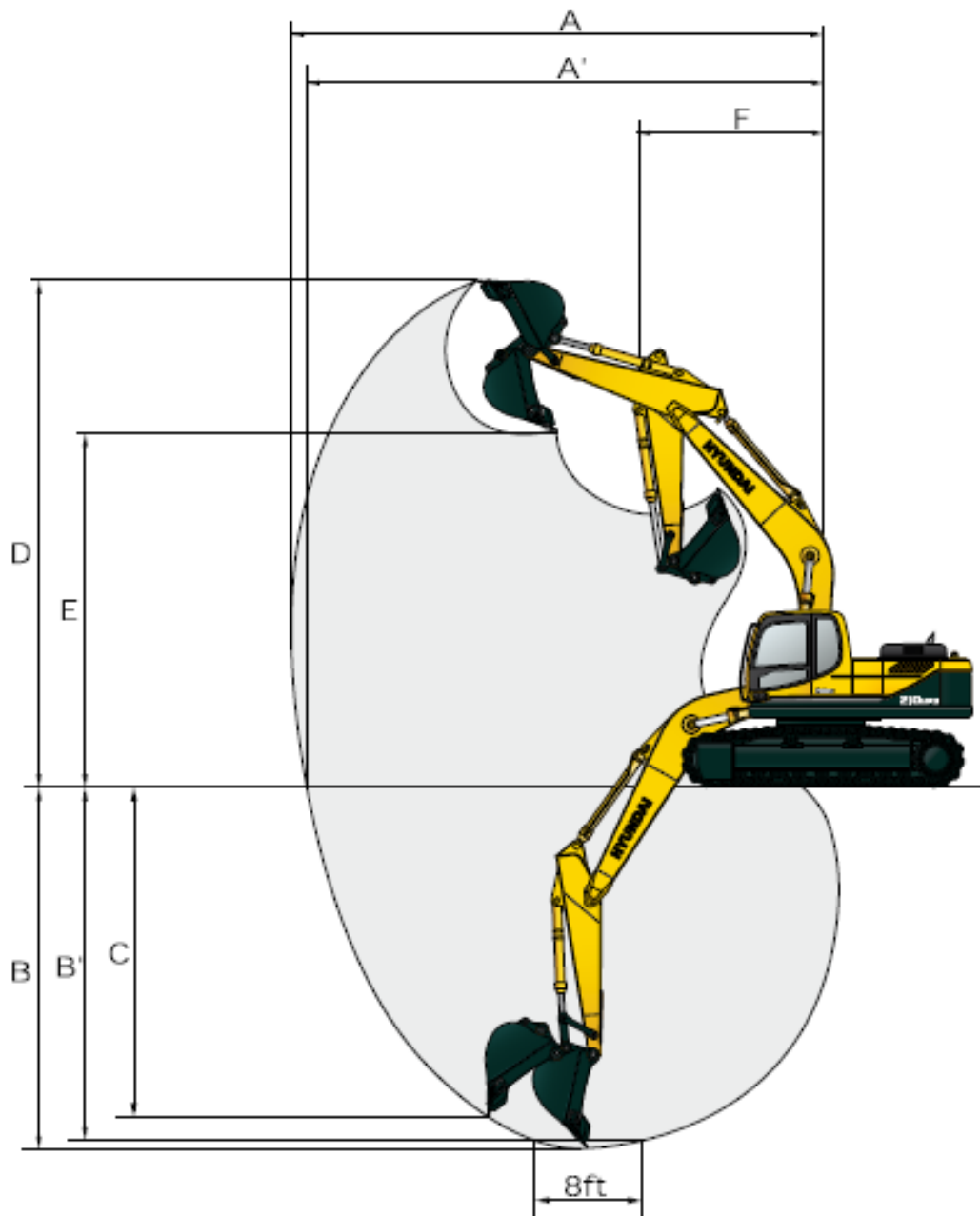
## HYDRAULIC CYLINDERS

Cylinders	Quantity	Bore x Rod diameter x stroke
Boom	2	120 x 1,290 mm
Arm	1	140 x 1,510 mm
Bucket	1	120 x 1,055 mm

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












DIMENSIONS		
<b>Boom Length</b>		5,680mm
<b>Arm Length</b>		2,920mm
<b>A</b>	Max digging reach	9,980mm
<b>A'</b>	Max digging reach on ground	9,820mm
<b>B</b>	Max digging depth	6,730mm
<b>B'</b>	Max digging depth (8' Level)	6,560mm
<b>C</b>	Max vertical wall digging height	6,280mm
<b>D</b>	Max digging height	9,600mm
<b>E</b>	Max dumping height	6,780mm
<b>F</b>	Min swing radius	3,740mm

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## LIFTING CAPACITY

Boom : 5.68 m (18' 8") / Arm : 2.92 m (9' 7") / Bucket : 0.92 m<sup>3</sup> (1.20 yd<sup>3</sup>) SAE heaped / Shoe : 600 mm (24") triple grouser with 3,800 kg (8,380 lb) Counterweight

Load point height m (ft)		Load radius										At max. reach		
		1.5 m (5.0 ft)		3.0 m (10.0 ft)		4.5 m (15.0 ft)		6.0 m (20.0 ft)		7.5 m (25.0 ft)		Capacity		Reach
														m (ft)
7.5 m (25.0 ft)	kg lb											*3360 *7410	3150 6940	7.78 (25.5)
6.0 m (20.0 ft)	kg lb									*2340 *5160	*2340 *5160	*3450 *7610	2460 5420	8.74 (28.7)
4.5 m (15.0 ft)	kg lb							*4010 *8840	*4010 *8840	*3830 *8440	3180 7010	*3580 *7890	2100 4630	9.32 (30.6)
3.0 m (10.0 ft)	kg lb			*9780 *21560	*9780 *21560	*6150 *13560	*6150 *13560	*4840 *10670	4460 9830	*4230 *9330	3040 6700	3440 7580	1930 4250	9.59 (31.5)
1.5 m (5.0 ft)	kg lb			*8810 *19420	*8810 *19420	*7960 *17550	6490 14310	*5750 *12680	4160 9170	*4710 *10380	2880 6350	3390 7470	1880 4140	9.59 (31.5)
Ground Line	kg lb			*9550 *21050	*9550 *21050	*9160 *20190	6090 13430	*6490 *14310	3920 8640	4930 10870	2750 6060	3520 7760	1950 4300	9.31 (30.5)
-1.5 m (-5.0 ft)	kg lb	*8810 *19420	*8810 *19420	*12610 *27800	11870 26170	*9600 *21160	5940 13100	*6870 *15150	3800 8380	4860 10710	2690 5930	3920 8640	2190 4830	8.72 (28.6)
-3.0 m (-10.0 ft)	kg lb	*12190 *26870	*12190 *26870	*13980 *30820	12040 26540	*9320 *20550	5960 13140	*6740 *14860	3800 8380			*4460 *9830	2710 5970	7.75 (25.4)
-4.5 m (-15.0 ft)	kg lb			*11860 *26150	*11860 *26150	*8120 *17900	6140 13540					*4330 *9550	4080 8990	6.16 (20.2)

1. Lifting capacity is based on SAE J1097, ISO 10567.
2. Lifting capacity of the Robex Series does not exceed 75% of the tipping load with the machine on firm, level ground or 87% of full hydraulic capacity.
3. The load point is a hook located on the back of the bucket.
4. (\*) indicates the load limited by hydraulic capacity.

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