

We build a better future

**Robex**

**210LC-9**

Equipped with Tier 3 Engine



\*Photo may include optional equipment.



+44 1179 820 123  
INFO@MOLSONGROUP.CO.UK  
WWW.MOLSONGROUP.CO.UK

 **HYUNDAI**  
HEAVY INDUSTRIES EUROPE



# Specifications

## ENGINE

MODEL		CUMMINS QSB6.7	
Type		Water cooled, 4 cycle Diesel, 6-Cylinders in line, direct injection, turbocharged, charged air cooled and low emission	
Rated flywheel horse power	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
Max. torque		63.6 kgf.m (460 lbf.ft) / 1,500 rpm	
Bore x stroke		107 x 124 mm (4.2" x 4.9")	
Piston displacement		6,700 cc (409 in <sup>3</sup> )	
Batteries		2 X 12V X 100AH	
Starting motor		24 V - 4.5 kW	
Alternator		24 V - 50 Amp	

## HYDRAULIC SYSTEM

MAIN PUMP	
Type	Two variable displacement piston pumps
Max. flow	2 X 222 L /min (58.6 US gpm / 48.8 UK gpm)
Sub-pump for pilot circuit	Gear pump
Cross-sensing and fuel saving pump system	

### HYDRAULIC MOTORS

Travel	Two speed axial piston motor with brake valve and parking brake
Swing	Axial piston motor with automatic brake

### RELIEF VALVE SETTING

Implement circuits	350 kgf/cm <sup>2</sup> (4,978 psi)
Travel	350 kgf/cm <sup>2</sup> (4,978 psi)
Power boost (boom, arm, bucket)	380 kgf/cm <sup>2</sup> (5,404 psi)
Swing circuit	265 kgf/cm <sup>2</sup> (3,769 psi)
Pilot circuit	40 kgf/cm <sup>2</sup> (568 psi)
Service valve	Installed

### HYDRAULIC CYLINDERS

No. of cylinder-bore x stroke	Boom : 2 - 120 x 1,290 mm (4.7" x 50.8")
	Arm : 1 - 140 x 1,510 mm (5.5" x 59.4")
	Bucket : 1 - 120 x 1,055 mm (4.7" x 41.5")

## DRIVES & BRAKES

Drive method	Fully hydrostatic type
Drive motor	Axial piston motor, in-shoe design
Reduction system	Planetary reduction gear
Max. drawbar pull	21,100 kgf (46,500lbf)
Max. travel speed (high) / (low)	5.3 km/hr (3.3 mph) / 3.4 km/hr (2.1 mph)
Gradeability	35° (70 %)
Parking brake	Multi wet disc

## CONTROL

Pilot pressure operated joysticks and pedals with detachable lever provide almost effortless and fatiguelless operation.

Pilot control	Two joysticks with one safety lever (LH): Swing and arm (RH): Boom and bucket (ISO)
Traveling and steering	Two levers with pedals
Engine throttle	Electric, Dial type
Lights	Two lights mounted on the boom, one light mounted in the battery box

## SWING SYSTEM

Swing motor	Axial piston motor
Swing reduction	Planetary gear reduction
Swing bearing lubrication	Grease-bathed
Swing brake	Multi wet disc
Swing speed	12 rpm

## COOLANT & LUBRICANT CAPACITY

	liter	US gal	UK gal
Fuel tank	400	105.7	88.0
Engine coolant	35	9.2	7.7
Engine oil	24	6.3	5.3
Swing device - gear oil	5	1.3	1.1
Final drive (each) - gear oil	5.8	2	1
Hydraulic system (including tank)	290	76.6	63.8
Hydraulic tank	160	42.3	35.2

## UNDERCARRIAGE

The X-leg type center frame is integrally welded with reinforced box-section track frames. The undercarriage includes lubricated rollers, idlers, track adjusters with shock absorbing springs and sprockets, and a track chain with double or triple grouser shoes.

Center frame	X - leg type
Track frame	Pentagonal box type
No. of shoes on each side	49
No. of carrier rollers on each side	2
No. of track rollers on each side	9
No. of rail guards on each side	2

## OPERATING WEIGHT (APPROXIMATE)

Operating weight, including 5,680 mm (18' 8") boom, 2,920 mm (9' 7") arm, SAE heaped 0.92 m<sup>3</sup> (1.20 yd<sup>3</sup>) bucket, lubricant, coolant, full fuel tank, full hydraulic tank, and all standard equipments.

### MAJOR COMPONENT WEIGHT

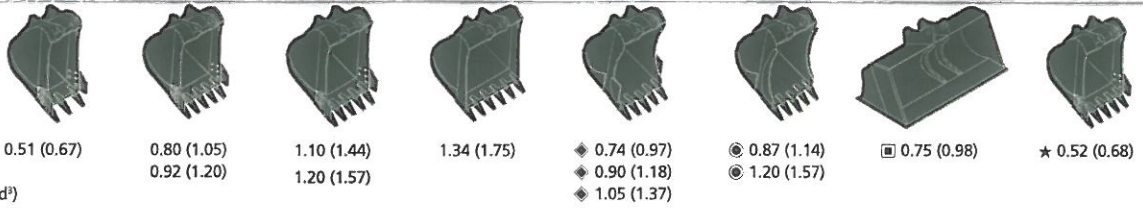
Upperstructure	5,850 kg (12,900 lb)
Counterweight	3,800 kg (8,380 lb)
Boom (with arm cylinder)	1,950 kg (4,300 lb)
Arm (with bucket cylinder)	1,095 kg (2,410 lb)

### OPERATING WEIGHT

Shoes			Operating weight	Ground pressure
Type	Width mm (in)		kg (lb)	kgf/cm <sup>2</sup> (psi)
Triple grouser	600 (24")	R210LC-9	21,900 (48,280)	0.46 (6.54)
		R210LC-9 H/W	23,360 (51,500)	0.50 (7.11)
	700 (28")	R210LC-9	22,250 (49,050)	0.40 (5.69)
		R210LC-9 H/W	23,710 (52,270)	0.43 (6.11)
	800 (32")	R210LC-9	22,515 (49,640)	0.36 (5.12)
		R210LC-9 H/W	23,975 (52,855)	0.38 (5.40)
900 (36")	R210LC-9	22,780 (50,220)	0.32 (4.55)	
	Double grouser	710 (28")	R210LC-9 H/W	24,135 (53,210)

## BUCKETS

All buckets are welded with high-strength steel



SAE heaped m<sup>3</sup> (yd<sup>3</sup>)

Capacity m <sup>3</sup> (yd <sup>3</sup> )		Width mm (in)		Weight kg (lb)	Recommendation m (ft.in)				
SAE heaped	CECE heaped	Without side cutters	With side cutters		5.68 (18' 8") Boom				8.2 (26' 11") Boom
					2.0 (6' 7") Arm	2.4 (7' 10") Arm	2.92 (9' 7") Arm	3.9 (12' 10") Arm	6.3 (20' 8") Arm
0.51 (0.67)	0.45 (0.59)	700 (27.6)	820 (32.3)	570 (1,260)	●	●	●	●	-
0.80 (1.05)	0.70 (0.92)	1,000 (39.4)	1,120 (44.1)	700 (1,540)	●	●	●	■	-
0.92 (1.20)	0.80 (1.05)	1,150 (45.3)	1,270 (50.0)	770 (1,700)	●	●	■	▲	-
1.10 (1.44)	0.96 (1.26)	1,320 (52.0)	1,440 (56.7)	830 (1,830)	■	▲	▲	-	-
1.20 (1.57)	1.00 (1.31)	1,400 (55.1)	1,520 (59.8)	850 (1,870)	■	▲	-	-	-
1.34 (1.75)	1.15 (1.50)	1,550 (61.0)	1,670 (65.7)	920 (2,030)	▲	▲	-	-	-
◆ 0.74 (0.97)	0.65 (0.85)	985 (38.8)	-	770 (1,700)	●	●	●	▲	-
◆ 0.90 (1.18)	0.80 (1.05)	1,070 (42.0)	-	810 (1,790)	●	●	■	-	-
◆ 1.05 (1.37)	0.92 (1.20)	1,290 (50.8)	-	890 (1,960)	■	▲	-	-	-
● 0.87 (1.14)	0.75 (0.98)	1,140 (44.9)	-	900 (1,980)	●	●	■	-	-
● 1.20 (1.57)	1.00 (1.31)	1,410 (55.5)	-	1,030 (2,270)	■	▲	-	-	-
▣ 0.75 (0.98)	0.65 (0.85)	1,790 (70.5)	-	880 (1,940)	●	●	■	▲	-
★ 0.52 (0.68)	0.45 (0.59)	935 (36.8)	1,035 (40.8)	460 (1,010)	-	-	-	-	▲

- ◆ Heavy-duty bucket
- Heavy duty Rock-bucket

- ▣ Slope finishing bucket
- ★ Long Reach bucket

- Applicable for materials with density of 2,000 kg/m<sup>3</sup> (3,370 lb/yd<sup>3</sup>) or less
- Applicable for materials with density of 1,600 kg/m<sup>3</sup> (2,700 lb/yd<sup>3</sup>) or less
- ▲ Applicable for materials with density of 1,100 kg/m<sup>3</sup> (1,850 lb/yd<sup>3</sup>) or less

## ATTACHMENT

Booms and arms are welded, a low-stress, full-box section design. 5.68 m and 8.2 m booms and 2.0 m; 2.4 m; 2.92 m; 3.9 m & 6.3 m arms are available.

## DIGGING FORCE

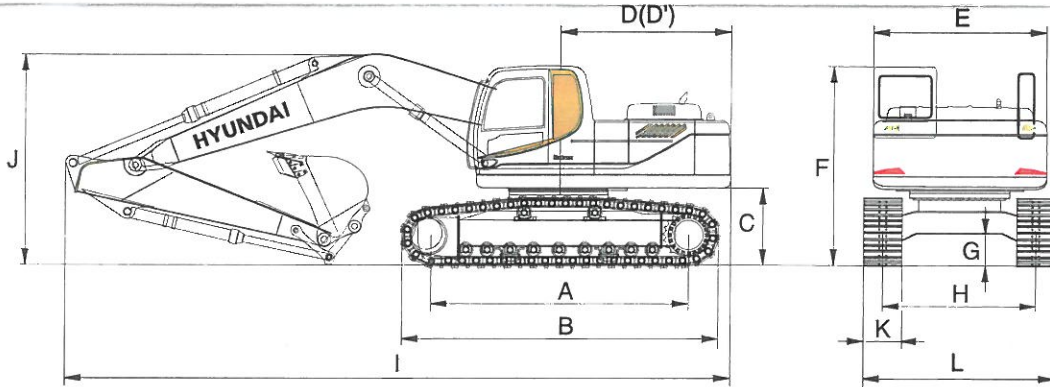
Boom	Length	mm (ft.in)	5,680 (18' 8")				8,200 (26' 11")	Remarks
			1,950 (4,300)				2,350 (5,180)	
Arm	Length	mm (ft.in)	2,000 (6' 7")	2,400 (7' 10")	2,920 (9' 7")	3,900 (12' 10")	6,300 (20' 8")	
			Weight	kg (lb)	975 (2,150)	1,045 (2,300)	1,095 (2,410)	1,295 (2,850)
Bucket digging force	SAE	kN	130.4 [141.6]	130.4 [141.6]	130.4 [141.6]	130.4 [141.6]	72.6	
		kgf	13300 [14,440]	13300 [14440]	13300 [14440]	13300 [14440]	7400	
		lbf	29320 [31830]	29320 [31830]	29320 [31830]	29320 [31830]	16310	
	ISO	kN	149.1 [161.8]	149.1 [161.8]	149.1 [161.8]	149.1 [161.8]	83.4	
		kgf	15200 [16500]	15200 [16500]	15200 [16500]	15200 [16500]	8500	
		lbf	33510 [36380]	33510 [36380]	33510 [36380]	33510 [36380]	18740	
Arm crowd force	SAE	kN	144.2 [156.5]	119.6 [129.9]	102.0 [110.7]	84.3 [91.6]	49.0	
		kgf	14700 [15960]	12200 [13250]	10400 [11290]	8600 [9340]	5000	
		lbf	32410 [35190]	26900 [29210]	22930 [24900]	18960 [20590]	11020	
	ISO	kN	151.0 [164.0]	125.5 [136.3]	106.9 [116.1]	87.3 [94.8]	50.0	
		kgf	15400 [16720]	12800 [13900]	10900 [11830]	8900 [9660]	5100	
		lbf	33950 [36860]	28220 [30640]	24030 [26090]	19620 [21300]	11240	

Note: Boom weight includes arm cylinder, piping, and pin  
Arm weight includes bucket cylinder, linkage, and pin



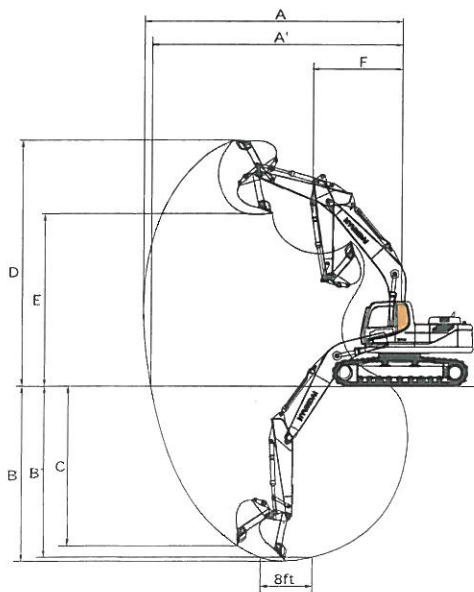
# Dimensions & Working Ranges

## DIMENSIONS R210LC-9



mm (ft · in)		mm (ft · in)				
<b>A</b> Tumbler distance	3,650 (12' 0")	Boom length				
<b>B</b> Overall length of crawler	4,440 (14' 7")	5,680 (18' 8")				
<b>C</b> Ground clearance of counterweight	1,060 (3' 6")	Arm length				
<b>D</b> Tail swing radius	2,840 (9' 4")	2,000 (6' 7")	2,400 (7' 10")	2,920 (9' 7")	3,900 (12' 10")	6,300 (20' 8")
<b>D'</b> Rear-end length	2,770 (9' 1")	<b>I</b> Overall length				
<b>E</b> Overall width of upperstructure	2,740 (9' 0")	9,650 (31' 8")	9,570 (31' 5")	9,530 (31' 3")	9,520 (31' 3")	12,030 (39' 6")
<b>F</b> Overall height of cab	2,920 (9' 7")	<b>J</b> Overall height of boom				
<b>G</b> Min. ground clearance	480 (1' 7")	3,200 (10' 6")	3,110 (10' 2")	3,030 (9' 11")	3,480 (11' 5")	3,280 (10' 9")
<b>H</b> Track gauge	2,390 (7' 10")	<b>K</b> Track shoe width				
		600 (24")	700 (28")	800 (32")	900 (36")	
		<b>L</b> Overall width				
		2,990 (9' 10")	3,090 (10' 2")	3,190 (10' 6")	3,290 (10' 10")	

## WORKING RANGES R210LC-9



mm (ft · in)		mm (ft · in)				
Boom length		5,680 (18' 8")				
Arm length		2,000 (6' 7")	2,400 (7' 10")	2,920 (9' 7")	3,900 (12' 10")	6,300 (20' 8")
<b>A</b> Max. digging reach	9,140 (30' 0")	9,500 (31' 2")	9,980 (32' 9")	10,910 (35' 10")	15,220 (50' 0")	
<b>A'</b> Max. digging reach on ground	8,960 (29' 5")	9,330 (30' 7")	9,820 (32' 3")	10,770 (35' 4")	15,120 (49' 7")	
<b>B</b> Max. digging depth	5,820 (19' 1")	6,220 (20' 5")	6,730 (22' 1")	7,720 (25' 4")	11,760 (38' 7")	
<b>B'</b> Max. digging depth (8' level)	5,580 (18' 4")	6,010 (19' 9")	6,560 (21' 6")	7,580 (24' 10")	11,650 (38' 3")	
<b>C</b> Max. vertical wall digging depth	5,280 (17' 4")	5,720 (18' 9")	6,280 (20' 7")	7,240 (23' 9")	9,610 (31' 6")	
<b>D</b> Max. digging height	9,140 (30' 0")	9,340 (30' 8")	9,600 (31' 6")	10,110 (33' 2")	12,550 (41' 2")	
<b>E</b> Max. dumping height	6,330 (20' 9")	6,520 (21' 5")	6,780 (22' 3")	7,290 (23' 11")	10,280 (33' 8")	
<b>F</b> Min. swing radius	3,750 (12' 4")	3,740 (12' 3")	3,740 (12' 3")	3,650 (11' 12")	4,870 (16' 0")	

# Lifting Capacities

## R210LC-9

Rating over-front Rating over-side or 360 degrees

Boom : 5.68 m (18' 8") / Arm : 2.0 m (6' 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		Reach m (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			
7.5 m (25.0 ft)	kg									*4010	*4010	6.65
	lb									*8840	*8840	(21.8)
6.0 m (20.0 ft)	kg					*4440	*4440			*4060	3040	7.78
	lb					*9790	*9790			*8950	6700	(25.5)
4.5 m (15.0 ft)	kg			*5730	*5730	*4860	4630			*4190	2540	8.43
	lb			*12630	*12630	*10710	10210			*9240	5600	(27.7)
3.0 m (10.0 ft)	kg			*7460	6840	*5610	4370	*4830	3000	4040	2310	8.74
	lb			*16450	15080	*12370	9630	*10650	6610	8910	5090	(28.7)
1.5 m (5.0 ft)	kg			*8990	6320	*6390	4120	5060	2890	3990	2260	8.73
	lb			*19820	13930	*14090	9080	11160	6370	8800	4980	(28.6)
Ground Line	kg			*9690	6090	*6910	3950	4980	2810	4200	2380	8.42
	lb			*21360	13430	*15230	8710	10980	6190	9260	5250	(27.6)
-1.5 m (-5.0 ft)	kg	*13990	12260	*9630	6070	*6990	3910			4820	2750	7.76
	lb	*30840	27030	*21230	13380	*15410	8620			10630	6060	(25.5)
-3.0 m (-10.0 ft)	kg	*12500	12500	*8820	6180	*6350	3990			*4850	3650	6.61
	lb	*27560	27560	*19440	13620	*14000	8800			*10690	8050	(21.7)
-4.5 m (-15.0 ft)	kg	*9460	*9460									
	lb	*20860	*20860									

Boom : 5.68 m (18' 8") / Arm : 2.4 m (7' 10") / 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		Reach m (ft)			
	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		
7.5 m (25.0 ft)	kg											*3700	3640	7.15
	lb											*8160	8020	(23.5)
6.0 m (20.0 ft)	kg						*4010	*4010				*3780	2760	8.20
	lb						*8840	*8840				*8330	6080	(26.9)
4.5 m (15.0 ft)	kg						*4490	*4490	*4230	3130		*3900	2340	8.82
	lb						*9900	*9900	*9330	6900		*8600	5160	(28.9)
3.0 m (10.0 ft)	kg					*6900	*6900	*5280	4400	*4560	3010	*3760	2130	9.11
	lb					*15210	*15210	*11640	9700	*10050	6640	8290	4700	(29.9)
1.5 m (5.0 ft)	kg					*8560	6380	*6120	4130	*4970	2880	3710	2080	9.10
	lb					*18870	14070	*13490	9110	*10960	6350	8180	4590	(29.9)
Ground Line	kg			*8790	*8790	*9490	6080	*6740	3930	4950	2780	3890	2180	8.81
	lb			*19380	*19380	*20920	13400	*14860	8660	10910	6130	8580	4810	(28.9)
-1.5 m (-5.0 ft)	kg	*9760	*9760	*13510	12060	*9650	6000	*6960	3850			4390	2480	8.18
	lb	*21520	*21520	*29780	26590	*21270	13230	*15340	8490			9680	5470	(26.8)
-3.0 m (-10.0 ft)	kg	*14150	*14150	*13240	12280	*9090	6080	*6590	3900			*4700	3190	7.12
	lb	*31200	*31200	*29190	27070	*20040	13400	*14530	8600			*10360	7030	(23.4)
-4.5 m (-15.0 ft)	kg			*10630	*10630	*7400	6330							
	lb			*23440	*23440	*16310	13960							

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

- Lifting capacity is based on SAE J1097, ISO 10567.
- 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.
- The load point is a hook located on the back of the bucket.
- (\*) indicates the load limited by hydraulic capacity.



# Lifting Capacities

## R210LC-9

Rating over-front Rating over-side or 360 degrees

Boom : 5.68 m (18' 8") / Arm : 3.9 m (12' 10") / 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)		9.0 m (30.0 ft)		Capacity	Reach			
															m (ft)		
9.0 m (30.0 ft)	kg														*2740	*2740	7.66
	lb														*6040	*6040	(25.1)
7.5 m (25.0 ft)	kg								*1980	*1980					*2800	2420	8.94
	lb								*4370	*4370					*6170	5340	(29.3)
6.0 m (20.0 ft)	kg								*2840	*2840					*2900	1960	9.77
	lb								*6260	*6260					*6390	4320	(32.1)
4.5 m (15.0 ft)	kg								*3090	*3090	*2040	*2040			*3020	1700	10.28
	lb								*6810	*6810	*4500	*4500			*6660	3750	(33.7)
3.0 m (10.0 ft)	kg							*3940	*3940	*3560	3080	*2910	2140		2890	1560	10.52
	lb							*8690	*8690	*7850	6790	*6420	4720		6370	3440	(34.5)
1.5 m (5.0 ft)	kg			*11130	*11130	*6640	*6640	*4950	4220	*4120	2880	*3450	2040		2840	1510	10.52
	lb			*24540	*24540	*14640	*14640	*10910	9300	*9080	6350	*7610	4500		6260	3330	(34.5)
Ground Line	kg	*5260	*5260	*10600	*10600	*8250	6130	*5860	3910	*4650	2710	*3530	1950		2930	1550	10.27
	lb	*11600	*11600	*23370	*23370	*18190	13510	*12920	8620	*10250	5970	*7780	4300		6460	3420	(33.7)
-1.5 m (-5.0 ft)	kg	*7500	*7500	*11650	11540	*9150	5810	*6490	3700	4750	2590	*2370	1900		3180	1700	9.75
	lb	*16530	*16530	*25680	25440	*20170	12810	*14310	8160	10470	5710	*5220	4190		7010	3750	(32.0)
-3.0 m (-10.0 ft)	kg	*9990	*9990	*14350	11540	*9360	5720	*6700	3620	4710	2550				3710	2030	8.91
	lb	*22020	*22020	*31640	25440	*20640	12610	*14770	7980	10380	5620				8180	4480	(29.2)
-4.5 m (-15.0 ft)	kg	*12960	*12960	*13360	11780	*8830	5800	*6340	3670						*4030	2730	7.62
	lb	*28570	*28570	*29450	25970	*19470	12790	*13980	8090						*8880	6020	(25.0)
-6.0 m (-20.0 ft)	kg			*10610	*10610	*7100	6080										
	lb			*23390	*23390	*15650	13400										

## R210LC-9 HIGH WALKER

Rating over-front Rating over-side or 360 degrees

Boom : 5.68 m (18' 8") / Arm : 2.4 m (7' 10") / 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												*3700	*3700	7.31	
	lb												*8160	*8160	(24.0)	
6.0 m (20.0 ft)	kg							*4050	*4050					*3790	3480	8.30
	lb							*8930	*8930					*8360	7670	(27.2)
4.5 m (15.0 ft)	kg					*5360	*5360	*4580	*4580	*4260	4030			*3920	3020	8.87
	lb					*11820	*11820	*10100	*10100	*9390	8880			*8640	6660	(29.1)
3.0 m (10.0 ft)	kg					*7130	*7130	*5390	*5390	*4610	3900			*4010	2810	9.12
	lb					*15720	*15720	*11880	*11880	*10160	8600			*8840	6190	(29.9)
1.5 m (5.0 ft)	kg					*8720	8370	*6220	5360	*5020	3770			3990	2780	9.08
	lb					*19220	18450	*13710	11820	*11070	8310			8800	6130	(29.8)
Ground Line	kg			*9350	*9350	*9550	8080	*6790	5170	5290	3670			4210	2940	8.75
	lb			*20610	*20610	*21050	17810	*14970	11400	11660	8090			9280	6480	(28.7)
-1.5 m (-5.0 ft)	kg	*10290	*10290	*14180	*14180	*9620	8020	*6950	5100					*4650	3360	8.07
	lb	*22690	*22690	*31260	*31260	*21210	17680	*15320	11240					*10250	7410	(26.5)
-3.0 m (-10.0 ft)	kg	*14760	*14760	*12990	*12990	*8950	8120	*6470	5170					*4690	4350	6.94
	lb	*32540	*32540	*28640	*28640	*19730	17900	*14260	11400					*10340	9590	(22.8)
-4.5 m (-15.0 ft)	kg			*10150	*10150	*7020	*7020									
	lb			*22380	*22380	*15480	*15480									

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												*3370	*3370	7.93	
	lb												*7430	*7430	(26.0)	
6.0 m (20.0 ft)	kg									*2700	*2700			*3460	3130	8.83
	lb									*5950	*5950			*7630	6900	(29.0)
4.5 m (15.0 ft)	kg							*4110	*4110	*3870	*3870			*3600	2740	9.37
	lb							*9060	*9060	*8530	*8530			*7940	6040	(30.7)
3.0 m (10.0 ft)	kg			*10440	*10440	*6400	*6400	*4960	*4960	*4290	3930			3680	2560	9.60
	lb			*23020	*23020	*14110	*14110	*10930	*10930	*9460	8660			8110	5640	(31.5)
1.5 m (5.0 ft)	kg			*8610	*8610	*8150	*8150	*5860	5380	*4760	3770			3650	2530	9.57
	lb			*18980	*18980	*17970	*17970	*12920	11860	*10490	8310			8050	5580	(31.4)
Ground Line	kg			*9870	*9870	*9260	8080	*6560	5150	*5150	3640			3820	2650	9.25
	lb			*21760	*21760	*20410	17810	*14460	11350	*11350	8020			8420	5840	(30.3)
-1.5 m (-5.0 ft)	kg	*9210	*9210	*13090	*13090	*9600	7940	*6880	5040	5200	3590			4280	2980	8.62
	lb	*20300	*20300	*28860	*28860	*21160	17500	*15170	11110	11460	7910			9440	6570	(28.3)
-3.0 m (-10.0 ft)	kg	*12660	*12660	*13780	*13780	*9230	7990	*6670	5060					*4470	3710	7.59
	lb	*27910	*27910	*30380	*30380	*20350	17610	*14700	11160					*9850	8180	(24.9)
-4.5 m (-15.0 ft)	kg			*11470	*11470	*7860	*7860							*4250	*4250	5.89
	lb			*25290	*25290	*17330	*17330							*9370	*9370	(19.3)

## STANDARD EQUIPMENT

### ISO Standard cabin

All-weather steel cab with 360° visibility  
Safety glass windows  
Rise-up type windshield wiper  
Sliding fold-in front window  
Sliding side window  
One key fits all lockable doors  
Hot & cool box  
Storage compartment & Ashtray  
Transparent cabin roof-cover  
CD/MP3 Player with AUX-input  
Handsfree mobile phone system with USB-charging device  
Sun visor

### Computer aided power optimization (New CAPO) system

3-power modes, 3-work modes, User mode  
Auto & one-touch deceleration system  
Auto warm-up system  
Overheat prevention system

### Self-diagnostics system

### Starting Aid (air grid heater) for cold weather

### Centralized monitoring

LCD display  
Engine speed or Trip meter  
Clock  
Gauges  
Fuel level gauge  
Engine coolant temperature gauge  
Hyd. oil temperature gauge  
Warning lamps  
Engine warning  
Overload  
Communication error  
Low battery  
Air filter clogging  
Indicators  
Max power  
Low speed/High speed  
Fuel warmer  
Auto deceleration

### Door and cab locks, one key

### Two outside rearview mirrors

### Fully adjustable suspension seat with seat belt

### Adjustable joysticks

### Console box tilting system (LH.)

### Three frontal working lights

### Electric horn

### Batteries (2 x 12V x 100 AH)

### Battery master switch

### Removable clean-out screen for oil cooler

### Automatic swing brake

### Removable reservoir tank

### Fuel pre-filter with fuel warmer

### Boom holding system

### Arm holding system

### Counterweight (3,800 kg; 8,380 lb)

### Track shoes (600 mm; 24")

### Track rail guard

### Viscous fan clutch

### Accumulator for lowering work equipment

### Electric transducer

### Lower frame under cover

## OPTIONAL EQUIPMENT

### Fuel filler pump (50 L/min)

### Beacon lamp

### Safety lock valve for boom cylinder with overload warning device

### Safety lock valve for arm cylinder

### Single-acting piping kit (breaker, etc.)

### Double-acting piping kit (clamshell, etc.)

### Quick coupler

### 12 volt power outlet (24V DC to 12V DC converter)

### Travel alarm

### Boom

Short boom (5.68 m; 18' 8")

Long reach boom (8.2 m; 26' 11")

### Arm

2.0 m; 6' 7"

2.4 m; 7' 10"

2.92 m; 9' 7"

3.9 m; 12' 10"

6.3 m; 20' 8" Long reach

### Automatic climate control

Full-automatic air conditioner & heater

Semi-automatic air conditioner & heater

Air conditioner

Heater

Defroster

### Cabin FOPS/FOG (ISO/DIS 10262)

FOPS (Falling Object Protective Structure)

FOG (Falling Object Guard)

### Cabin roof-steel cover

### Cabin lights

### Rain guard - front window

### Track shoes

Triple grouser shoe (700 mm; 28")

Triple grouser shoe (800 mm; 32")

Triple grouser shoe (900 mm; 36")

Double grouser shoe (710 mm; 28")

Full track rail guard (High walker only)

### Additional cover under lower frame

### Coolant pre-heating system

### Tool kit

### Operator suit

### Low-noise kit

### Rearview camera

### Seat

Adjustable air suspension seat

Adjustable air suspension seat with heater

Mechanical suspension seat with heater

### Pattern change valve (4 patterns)

### Hi-mate (Remote Management System)

Standard and optional equipment may vary. Contact your Hyundai dealer for more information. The machine may vary according to International standards. All imperial measurements rounded off to the nearest pound or inch.

PLEASE CONTACT

