

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
Lockable door
Hot & cool box
Storage compartment & Ashtray
Transparent cabin roof-cover
CD/MP3 Player
Handsfree mobile phone system with USB
Sun visor

Computer aided power optimization (New CAPO) system

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

Automatic climate control

Air conditioner & heater
Defroster

Self-diagnostics system

Starting Aid (air grid heater) for cold weather

Centralized monitoring

LCD display
Engine speed or Trip meter/Accel.
Clock
Gauges
Fuel level gauge
Engine coolant temperature gauge
Hyd. oil temperature gauge
Warnings
Check Engine
Overload
Communication error
Low battery
Air cleaner clogging
Indicators
Max power
Low speed/High speed
Fuel warmer
Auto idle/Auto cruise

Door and cab locks, one key

Two outside rearview mirrors

Fully adjustable suspension seat with seat belt

Pilot-operated slidable joystick

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 (4,200kg, 9,260lb)

Track shoes (700mm, 28")

Track rail guard

Viscous fan clutch

Accumulator for lowering work equipment

Electric transducer

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

Booms

5.68 m, 18' 8"

8.2 m, 26' 11" Long reach

Arms

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

Cabin FOPS/FOG (ISO/DIS 10262)

FOPS (Falling Object Protective Structure)

FOG (Falling Object Guard)

Cabin roof-steel cover

Cabin lights

Cabin front window rain guard

Track shoes

Triple grousers shoe (600 mm, 24")

Triple grousers shoe (800 mm, 32")

Triple grousers shoe (900 mm, 36")

Double grousers shoe (710 mm, 28")

Full track rail guard (High walker only)

Lower frame under-cover

Pre-heating system, coolant

Tool kit

Operator suit

Low-noise kit

Rearview camera

Engine emergency control cable

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

HYUNDAI
HEAVY INDUSTRIES CO., LTD.
CONSTRUCTION EQUIPMENT

Head Office (Korea Office)
PO BOX 4, YONGIN-SI, GYONGGI-DO, KOREA TEL: (82) 52-202-7970, 7729, 0971 FAX: (82) 52-202-7979, 7720

U.S. Operation: Hyundai Construction Equipment U.S.A., Inc.
955 ESTES AVENUE, ELK GROVE VILLAGE, IL. 60007, U.S.A. TEL: (1) 847-437-3333 FAX: (1) 847-437-3574

European Operation: Hyundai Heavy Industries Europe N.V.
VOSSENDAAL 11, 2440 GEEL, BELGIUM TEL: (32) 14-56-2200 FAX: (32) 14-59-3405

India Operation: Hyundai Construction Equipment India Pvt., Ltd.
PLOT NO.A-2, CHAKAN INDUSTRIAL AREA, VILL.- KHALUMBRE. TALUK.- KHED., DIST- PUNE 410 501, INDIA
TEL: (91) 21-3530-1700 FAX: (91) 21-3530-1712

We build a better future

Robex

210LC-9

With Tier 3 Engine in Standard




*Photo may include optional equipment.

Robex 210LC-9

**BUILT FOR MAXIMUM POWER,
PERFORMANCE, AND RELIABILITY.**

A new chapter in construction equipment has begun.



Hi-mate
Remote Management System

Hi-mate, Hyundai's newly developed remote management system, utilizes GPS-satellite technology, to provide our customers with the highest level of service and product support available. Hi-mate enables a dealer or end user to remotely evaluate machine performance, access diagnostic information and verify machine location at the touch of a button.

*Photo may include optional equipment.

Cabin Design Technology

The fully re-designed cabin offers low noise operation and increased visibility, providing a pleasant working environment for the operator.

Ergonomic Joystick

New joystick grips offering precise control are equipped with 4 switches.



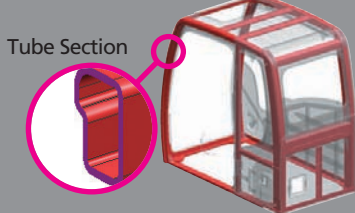
Wide Cabin with Excellent Visibility

The cabin is roomy and ergonomically designed with low noise levels and good visibility. A full-view front window and large rear and side windows provide excellent visibility in all directions.



Enhanced Structure

The operators' cabin tube-structure thickness has been improved for optimum safety.



- 1 Handsfree mobile phone with USB connector
- 2 Small cup holders and ashtray
- 3 MP3/CD Player with remote control
- 4 Seat heater (Optional)
- 5 Storage compartment
- 6 Additional storage area



*Photo may include optional equipment



Centralized Operation Buttons



Sunroof with Sliding Cover



Increased Tilt Angle of Operator's Seat



Rear Window Emergency Exit



Window Locking Device

Improved Performance & Safety Features

Overcome the limits with Robex 9



*Photo may include optional equipment.



Track Rail Guard & Adjusters

Durable track rail guards keep track links in place. Track adjustment is made easy with standard grease cylinder track adjusters and shock absorbing springs.

Cummins QSB6.7 Engine

The 6-cylinders, turbo-charged, 4-cycle charger air-cooled engine is built for power, reliability, and economy. This engine meets the 3 emission regulation.



The Definition of Progress

The Quantum System B-Series 6.7-liter engine combines full-authority electronic controls with reliable performance. The QSB6.7 electronics have been used in our high-horsepower products in the harshest, most demanding environments, including dusty, non-stop mining operations, and meet worldwide emissions regulations. The QSB6.7 features 24 valves designed with centered injectors and a symmetrical piston bowl. The combination of improved airflow and evenly dispersed fuel results in increased power, improved transient response, and reduced fuel consumption.



Strong and Stable Lower Frame

The reinforced box-section frame is welded using low-stress, high-strength steel. The X-leg type center frame is integrally welded for maximum strength and durability.



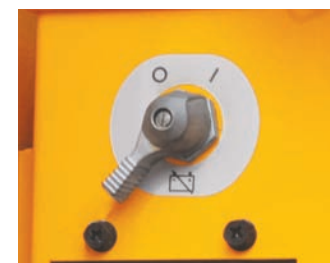
- 1 Reinforced Bucket and Bucket Linkage
Sealed and adjustable bucket linkage produces less wear of pins and bushes and offers silent operation.
- 2 Dial-Type Engine Speed Switch
- 3 Power Boost Control System



Rearview Camera (Optional)



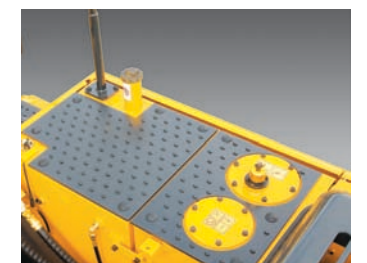
Safety Lever



Master Switch



Anti Restart System



Anti-Slip Plates

Newly Designed Hydraulic System

Powerful and precise swing control

Advanced CAPO System

The advanced CAPO (Computer Aided Power Optimization) system tunes engine and pump power to optimum levels. Multiple mode selections are available for various work loads, maintaining high performance while reducing fuel consumption. Features include auto deceleration and power boost. The system monitors engine speed, coolant and hydraulic oil temperature. Contained within the system are self-diagnostic capabilities which display error codes on the monitor.

New larger display (7inch Wide LCD)

The instrument Panel is installed in front of RH console box, making it easy to check all critical systems via easy-to-read indicators.



Multi Function Wide Color LCD Monitor



Intelligent main screen lay-out (2 layer)



- 1 Power Modes: P-Max Power/S-Standard Power/E-Economy Power
- 2 Work Modes: Digger/Breaker/Crusher
- 3 User Mode: Saved Operator-Preferred Power Settings
- 4 Self-Diagnostics System
- 5 Maintenance List & Security Password
- 6 Rearview camera (Optional)

- Caution Light
- 1 Engine Water Temperature Gauge
- 2 Fuel Gauge
- 3 Hyd. Oil Temperature Gauge
- 4 RPM/Tripmeter Display Window
- 5 Accel. Dial Gauge Bar
- Select Power Button Window
- Select Work Button Window
- Select Attachment Mode Window
- Notice Light
- Select Travel Window
- Select Auto Idle Window



Optimum Hydraulic Performance

The pump output capacity has been increased.

Auto Deceleration System

When the remote-control valves are in the neutral position for more than 4 seconds, the CPU controller instructs the accel. actuator to reduce engine speed to 1,000rpm. And 60 seconds later, engine speed is reduced to low idle automatically. This decreases fuel consumption and reduces cab noise levels.

Boom & Arm Holding System

The holding valves in the main control valve prevent boom & arm lowering during an extended period in the neutral position.

Boom & Arm Flow Regeneration System

The flow regeneration valve provides smooth and fast operation without cylinder cavitation.

Hydraulically Dampened Travel Pedal

Improved travel controllability & smoother travel has been achieved via shock reducing components.

Pump Flow Control System

When in neutral, the pump flow is minimized to reduce power loss. During operation, maximum pump flow is delivered to the actuator to increase speed. Movement of the control lever automatically adjusts pump flow, with cylinder speed controlled proportionally.

Power Boost Control System

In power mode, the digging force increases about 10%.

One-Touch Decel. System

When the one-touch decel. switch is engaged, the CPU controller limits the accel. actuator to an 800rpm idle. When the one-touch decel. Switch is disengaged, the engine speed recovers to its preset rpm.

Self-Diagnostics System

The CPU controller diagnoses problems in the CAPO system caused by electric and hydraulic malfunctions and displays the corresponding displayed on the cluster LCD monitor error codes.

The information via this device, including engine rpm, main pump delivery pressure, battery voltage, hydraulic temperature and the status of electric switches, allows the operator to know the exact operating conditions of the machine.

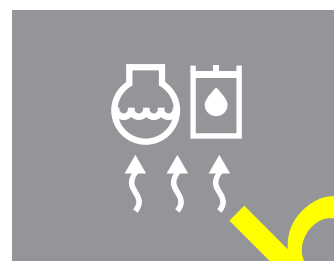
This makes it easier to troubleshoot any problems that occur.

Attachment Flow Control System

Attachment mode provides adequate hydraulic pump flow to each work tool, preventing excess flow and ensuring the regular performance.



Automatic Engine Overheat Prevention



Automatic Warm-Up System

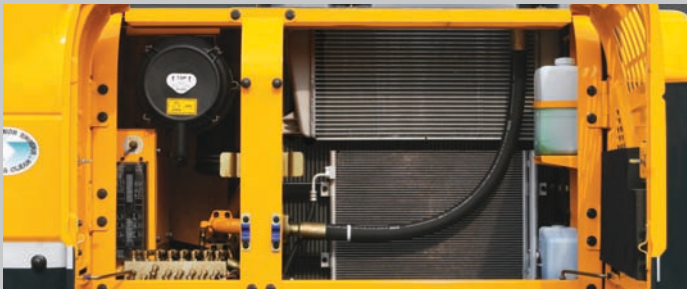
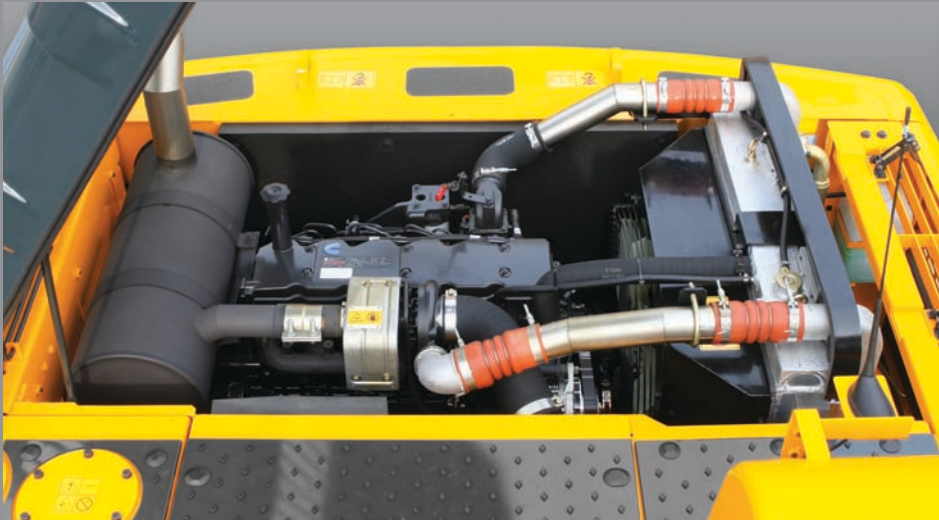
Reliability & Maintenance

Lubrication Fittings

All lube fittings are centralized and in close proximity to each other for easy service.

Easy to Maintain Engine Components

The cooling and pre-heating systems are designed for optimal and immediate operation, guaranteeing longer engine and hydraulic components life. Servicing the engine and the hydraulics has been considerably simplified due to accessibility.



Side Cover with Left & Right Swing Open Type

Unrestricted access to vital components allows easy maintenance and repair.



Filter with Extended Exchange Interval (1,000hr)

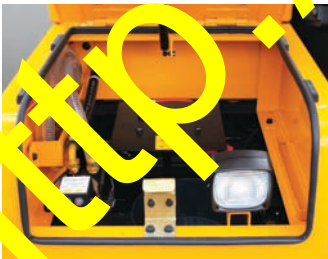
- 1 Drain Filter
- 2 Fuel Pre-Filter
- 3 Engine Oil Filter



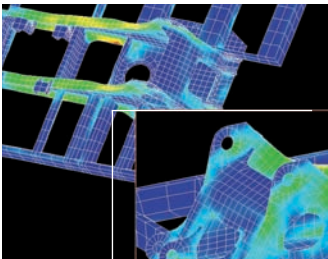
Easy to Access Electric Box



Easy to Change Air Cleaner Assembly



Large Compartment for Extra Storage (Fuel filler pump: Optional)



Structure Durability Proven via FEM Analysis and Long-Term Durability Tests.



*Photo may include optional equipment.

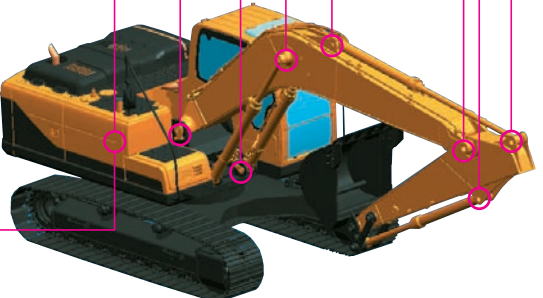
Extended Hydraulic Filter Life

Filters with extended exchange intervals (250hr → 1,000 hr, Fiber glass)

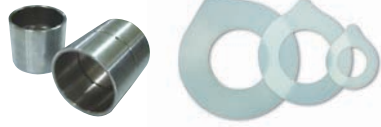


Extended Hydraulic Oil Life

(2,000hr → 5,000 hr, Increase Protection From Oxidization & Heat)



Extended Lubricant Bush Life & Ultra High Molecular Weight Polymer Shim (Wear Resistant & Noise Reducing)



Specifications

ENGINE

MODEL	Cummins Q5B6.7	
Type	Water-cooled, 4-cycle Diesel, 6-Cylinder in-line, Direct injection, Turbocharged, Charge air cooled, Low emission	
Rated flywheel horsepower	SAE J1995 (gross)	151HP (113kW)/ 1,900rpm
	J1349 (net)	143HP (107kW)/ 1,900rpm
DIN	6271/1 (gross)	153PS (113kW)/ 1,900rpm
	6271/1 (net)	145PS (107kW)/ 1,900rpm
Max. torque	63.6kgf-m (460lb-ft)/1,500rpm	
Bore X stroke	107mm X 124mm (4.2" X 4.9")	
Piston displacement	6,700cc (409 in ³)	
Batteries	2 X 12V X 100AH	
Starting motor	24V, 4.5kW	
Alternator	24V, 50Amp	

HYDRAULIC SYSTEM

MAIN PUMP	
Type	Variable displacement tandem-axis 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 pistons motor with brake valve and parking brake
Swing	Axial piston motor with automatic brake

RELIEF VALVE SETTING	
Implement circuits	350 kgf/cm ² (4,978 psi)
Travel	350 kgf/cm ² (4,978 psi)
Power boost (boom, arm, bucket)	380 kgf/cm ² (5,404 psi)
Swing circuit	265 kgf/cm ² (3,769 psi)
Pilot circuit	40 kgf/cm ² (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 fatigueless 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 on the battery

SWING SYSTEM

Swing motor	Two fixed displacement axial pistons motor
Swing reduction	Planetary gear reduction
Swing bearing lubrication	Grease-bathed
Swing brake	Multi wet disc
Swing speed	12.0 rpm

COOLANT & LUBRICANT CAPACITY

Re-filling	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	5	1.3	1.1
Final drive (each)	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)

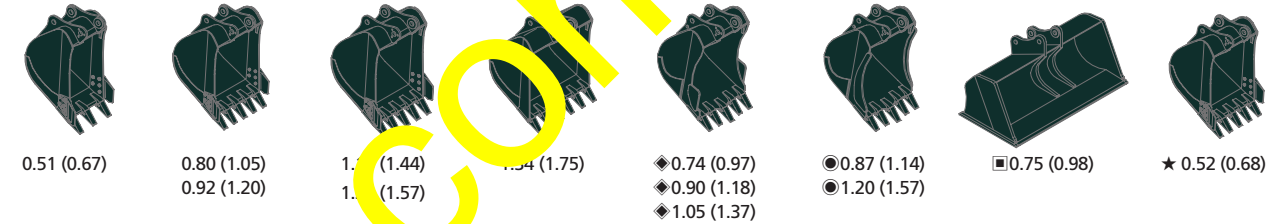
Operating weight, including 5,680mm (18' 8") boom, 2,920mm (9' 7") arm, SAE heaped 0.92m³ (1.20 yd³) bucket, lubricant, coolant, full fuel tank, full hydraulic tank and all standard equipments.

MAJOR COMPONENT WEIGHT	
Upperstructure	5,850kg (12,900lb)
Counterweight	4,200kg (9,260lb)
Boom (with arm cylinder)	1,950kg (4,300lb)
Arm (with bucket cylinder)	1,095kg (2,410lb)

OPERATING WEIGHT				
Shoes		Operating weight	Ground pressure	
Type	Width mm (in)	kg (lb)	kgf/cm ² (psi)	
Triple grouser	600 mm (24")	R210LC-9	22,750 (50,700)	0.47 (6.68)
		R210LC-9 HWW	23,800 (52,700)	0.50 (7.11)
	700 mm (28")	R210LC-9	22,650 (49,930)	0.41 (5.83)
		R210LC-9 HWW	23,410 (51,550)	0.44 (6.26)
	800 mm (32")	R210LC-9	22,915 (50,520)	0.36 (5.12)
		R210LC-9 HWW	24,375 (53,740)	0.39 (5.55)
900 mm (36")	R210LC-9	23,180 (51,100)	0.33 (4.69)	
	R210LC-9 HWW	24,535 (54,090)	0.44 (6.26)	

BUCKETS

All buckets are welded with high-strength steel.



Capacity m ³ (yd ³)		Width mm (ft-in)		Weight kg (lb)	Recommendation mm (ft-in)					
SAE heaped	CECE heaped	Without side cutters	With side cutters		5,680 (18' 8") Boom				8,200 (26' 11") Boom	
						2,000 (6' 7") Arm	2,400 (7' 10") Arm	2,920 (9' 7") Arm	3,900 (12' 10") Arm	6,300 (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)	1,250 (50.0)	770 (1,700)	●	●	■	▲	-	
1.10 (1.44)	0.96 (1.26)	1,300 (52.0)	1,440 (56.7)	830 (1,830)	■	▲	▲	-	-	
1.20 (1.57)	1.00 (1.31)	1,400 (57.1)	1,520 (59.8)	850 (1,870)	■	▲	-	-	-	
1.34 (1.75)	1.10 (1.44)	1,500 (61.0)	1,670 (65.7)	920 (2,030)	▲	▲	-	-	-	
◆ 0.74 (0.97)	0.65 (0.85)	-	-	770 (1,700)	●	●	●	▲	-	
◆ 0.90 (1.18)	0.80 (1.05)	-	-	810 (1,790)	●	●	■	-	-	
◆ 1.05 (1.37)	0.90 (1.20)	-	-	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)	-	-	-	-	▲	

◆ Low duty bucket ■ Slope finishing bucket ●: Applicable for materials with density of 2,000 kg/m³ (3,370 lb/yd³) or less
 ● Rock-Heavy duty bucket ★ Long reach bucket ■: Applicable for materials with density of 1,600 kg/m³ (2,700 lb/yd³) or less
 ▲: Applicable for materials with density of 1,100 kg/m³ (1,850 lb/yd³) or less

ATTACHMENT

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

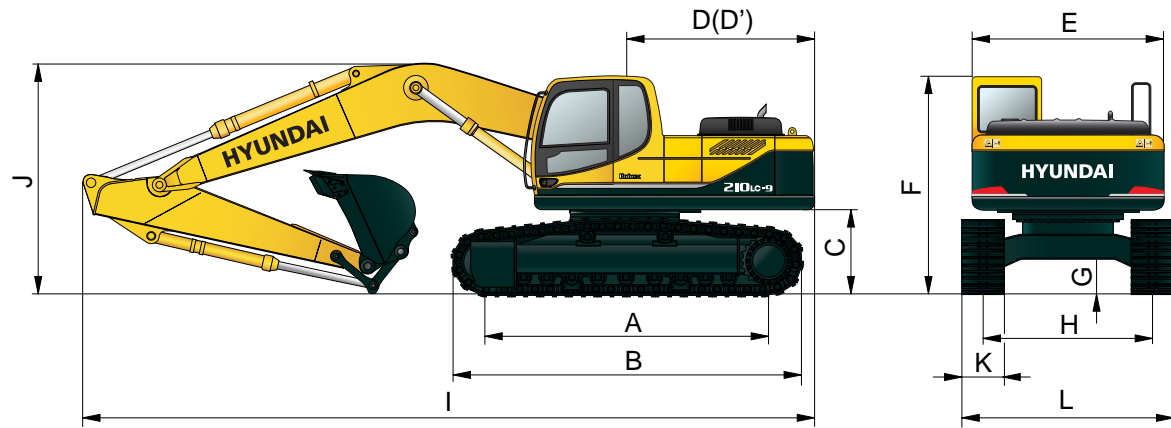
DIGGING FORCE

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		Weight		Weight	
Bucket digging force	SAE	kN	130.4 [141.6]	130.4 [141.6]	130.4 [141.6]	130.4 [141.6]	72.6	[]: Power Boost
		kgf	13300 [14,440]	13300 [14,440]	13300 [14,440]	13300 [14,440]	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 Range

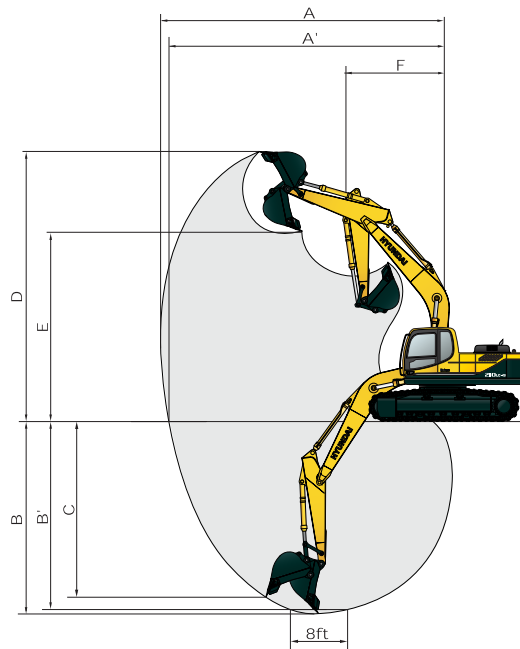
R210LC-9 DIMENSIONS



Unit : mm (ft · in)

A Tumbler distance	3,650 (12' 0")	Boom length				5,680 (18' 8")	8,200 (26' 11")			
B Overall length of crawler	4,440 (14' 7")	Arm length				2,000 (6' 7")	2,400 (7' 10")	2,920 (9' 7")	3,900 (12' 10")	6,300 (20' 8")
C Ground clearance of counterweight	1,060 (3' 6")	I Overall length				9,650 (31' 8")	9,570 (31' 5")	9,530 (31' 3")	9,520 (31' 3")	12,030 (39' 6")
D Tail swing radius	2,830 (9' 3")	J Overall height of boom				3,200 (10' 6")	3,110 (10' 2")	3,030 (9' 11")	3,480 (11' 5")	3,280 (10' 9")
D' Rear-end length	2,770 (9' 1")	K Track shoe width				600 (24")	700 (28")	800 (32")	900 (36")	
E Overall width of upperstructure	2,740 (9' 0")	L Overall width				2,990 (9' 10")	3,090 (10' 2")	3,190 (10' 6")	3,290 (10' 10")	
F Overall height of cab	2,920 (9' 7")									
G Min. ground clearance	480 (1' 7")									
H Track gauge	2,390 (7' 10")									

R210LC-9 WORKING RANGE

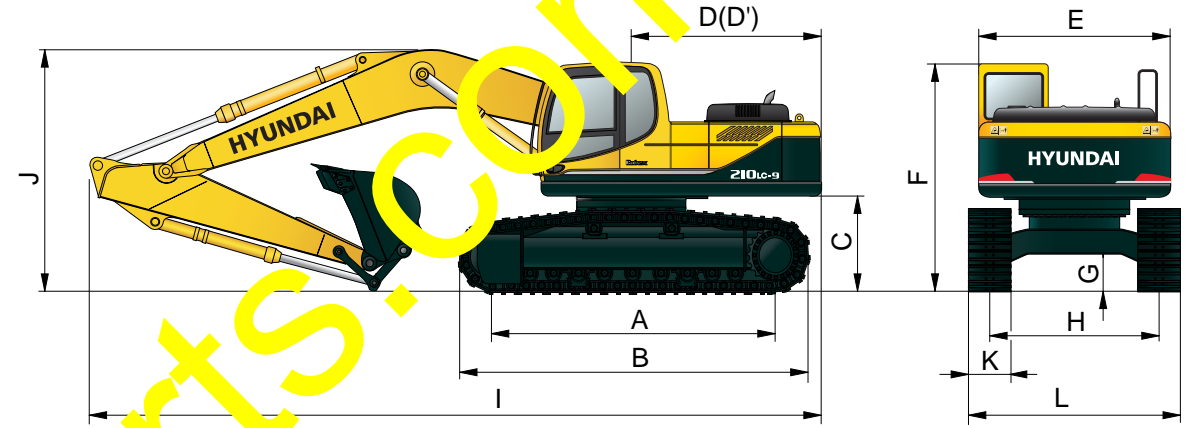


Unit : mm (ft · in)

Boom length	5,680 (18' 8")					8,200 (26' 11")
Arm length	2,000 (6' 7")	2,400 (7' 10")	2,920 (9' 7")	3,900 (12' 10")	6,300 (20' 8")	
A Max. digging reach	9,140 (30' 0")	9,500 (31' 2")	9,980 (32' 9")	10,910 (35' 10")	12,220 (39' 10")	
A' Max. digging reach on ground	8,960 (29' 5")	9,330 (30' 7")	9,820 (32' 3")	10,770 (35' 4")	12,120 (39' 7")	
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' Max. digging depth (8' level)	5,580 (18' 4")	6,000 (19' 9")	6,560 (21' 6")	7,580 (24' 10")	11,650 (38' 3")	
C 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")	
D Max. digging height	9,140 (30' 0")	9,540 (30' 7")	9,600 (31' 6")	10,110 (33' 2")	12,550 (41' 2")	
E Max. dumping height	6,330 (20' 9")	6,520 (21' 5")	6,780 (22' 3")	7,290 (23' 11")	10,280 (33' 8")	
F Min. swing radius	3,750 (12' 4")	3,740 (12' 3")	3,740 (12' 3")	3,650 (11' 12")	4,870 (16' 0")	

Dimensions & Working Range

R210LC-9 HIGH WALKER DIMENSIONS

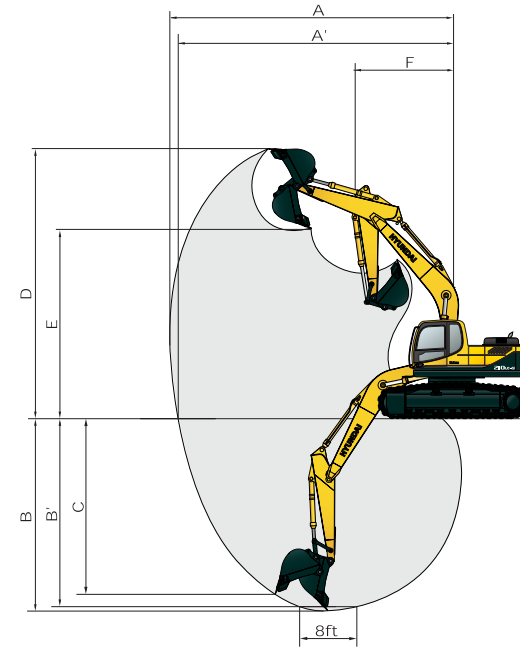


Unit : mm (ft · in)

A Tumbler distance	3,650 (12' 0")	Boom length				5,680 (18' 8")				
B Overall length of crawler	4,440 (14' 7")	Arm length				2,000 (6' 7")	2,400 (7' 10")	2,920 (9' 7")	3,900 (12' 10")	
C Ground clearance of counterweight	1,240 (4' 1")	I Overall length				9,650 (31' 8")	9,550 (31' 4")	9,470 (31' 1")	9,560 (31' 4")	
D Tail swing radius	2,840 (9' 4")	J Overall height of boom				3,290 (10' 10")	3,170 (10' 5")	3,060 (10' 0")	3,450 (11' 4")	
D' Rear-end length	2,770 (9' 1")	K Track shoe width				Type		Triple grouser		Double grouser
E Overall width of upperstructure	2,740 (9' 0")	Width		600 (24")	700 (28")	800 (32")	710 (28")			
F Overall height of cab	3,100 (10' 2")	L Overall width				3,395 (11' 2")	3,495 (11' 6")	3,595 (12' 0")	3,505 (11' 6")	
G Min. ground clearance	660 (2' 2")									
H Track gauge	2,795 (9' 2")									

R210LC-9 HIGH WALKER WORKING RANGE

Unit : mm (ft · in)



Boom length	5,680 (18' 8")					8,200 (26' 11")
Arm length	2,000 (6' 7")	2,400 (7' 10")	2,920 (9' 7")	3,900 (12' 10")	6,300 (20' 8")	
A Max. digging reach	9,140 (30' 0")	9,500 (31' 2")	9,980 (32' 9")	10,910 (35' 10")	12,220 (39' 10")	
A' Max. digging reach on ground	8,920 (29' 3")	9,290 (30' 6")	9,820 (32' 3")	10,730 (35' 2")	12,120 (39' 7")	
B Max. digging depth	5,630 (18' 6")	6,010 (19' 9")	6,550 (21' 6")	7,530 (24' 8")	11,760 (38' 7")	
B' Max. digging depth (8' level)	5,390 (17' 8")	5,820 (19' 1")	6,380 (20' 11")	7,390 (24' 3")	11,650 (38' 3")	
C Max. vertical wall digging depth	5,090 (16' 8")	5,630 (18' 6")	6,100 (20' 0")	7,050 (23' 1")	9,610 (31' 6")	
D Max. digging height	9,330 (30' 7")	9,530 (31' 3")	9,780 (32' 1")	10,300 (33' 9")	12,550 (41' 2")	
E Max. dumping height	6,520 (21' 5")	6,710 (22' 0")	6,960 (22' 10")	7,480 (24' 6")	10,280 (33' 8")	
F Min. swing radius	3,750 (12' 4")	3,740 (12' 3")	3,740 (12' 3")	3,650 (11' 12")	4,870 (16' 0")	

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Lifting Capacity

R210LC-9

Rating over-front Rating over-side or 360 degree

Boom : 5.68m (18' 8") / Arm : 2.0 m (6' 7") / Bucket : 0.92 m³ (1.20 yd³) SAE heaped / Shoe : 700mm (28") triple grouser with 4,200kg (9,260lb) Counterweight

Load point height m (ft)	Load radius										At max. reach	
	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									*4010	*4010	6.65
	lb									*8840	*8840	(21.8)
6.0 m (20.0 ft)	kg					*4440	*4440			*4060	3270	7.78
	lb					*9790	*9790			*8950	7210	(25.5)
4.5 m (15.0 ft)	kg			*5730	*5730	*4860	*4860			*4190	2760	8.43
	lb			*12630	*12630	*10710	*10710			*9240	6080	(27.7)
3.0 m (10.0 ft)	kg			*7460	7320	*5610	4690	*4830	3250	4330	2520	8.74
	lb			*16450	16140	*12370	10340	*10650	7170	9550	5560	(28.7)
1.5 m (5.0 ft)	kg			*8990	6800	*6390	4440	*5180	3140	4270	2470	8.73
	lb			*19820	14990	*14090	9790	*11420	6920	9410	5450	(28.6)
Ground Line	kg			*9690	6570	*6910	4280	5330	3060	4500	2600	8.42
	lb			*21360	14480	*15230	9440	11750	6750	9920	5730	(27.6)
-1.5 m (-5.0 ft)	kg	*13990	13160	*9630	6550	*6990	4230			*4880	2990	7.76
	lb	*30840	29010	*21230	14440	*15410	9330			*10760	6590	(25.5)
-3.0 m (-10.0 ft)	kg	*12500	*12500	*8820	6660	*6350	4320			*4850	3940	6.61
	lb	*27560	*27560	*19440	14680	*14000	9520			*10690	8690	(21.7)
-4.5 m (-15.0 ft)	kg	*9460	*9460									
	lb	*20860	*20860									

Boom : 5.68m (18' 8") / Arm : 2.40 m (7' 10") / Bucket : 0.92 m³ (1.20 yd³) SAE heaped / Shoe : 700mm (28") triple grouser with 4,200kg (9,260lb) 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	7.15
	lb											*8160	*8160	(23.5)
6.0 m (20.0 ft)	kg					*4010	*4010					*3780	2980	8.20
	lb					*8840	*8840					*8330	6570	(26.9)
4.5 m (15.0 ft)	kg					*4490	*4490	*4230	3370			*3900	2540	8.82
	lb					*9900	*9900	*9330	7430			*8600	5600	(28.9)
3.0 m (10.0 ft)	kg					*6900	*6900	*5280	4730	*4560	3260	4030	2330	9.11
	lb					*15210	*15210	*11640	10430	*10050	7190	8880	5140	(29.9)
1.5 m (5.0 ft)	kg					*8560	6860	*6120	4450	*4970	3130	3980	2280	9.10
	lb					*18870	15120	*13490	9810	*10960	6900	8770	5030	(29.9)
Ground Line	kg			*8790	*8790	*9490	6560	*6740	4260	*5300	3030	4170	2390	8.81
	lb			*19380	*19380	*20920	14460	*14860	9390	*11680	6680	9190	5270	(28.9)
-1.5 m (-5.0 ft)	kg	*9760	*9760	*13510	12960	*9650	6480	*6960	4180			*4630	2710	8.18
	lb	*21520	*21520	*29780	28570	*21270	14290	*15340	9220			*10210	5970	(26.8)
-3.0 m (-10.0 ft)	kg	*14150	*14150	*13240	13180	*9090	6550	*6590	4220			*4700		7.12
	lb	*31200	*31200	*29190	29060	*20040	14440	*14530	9300			*10360	7610	(23.5)
-4.5 m (-15.0 ft)	kg			*10630	*10630	*7400	6810							
	lb			*23440	*23440	*16310	15010							

Boom : 5.68m (18' 8") / Arm : 2.92 m (9' 7") / Bucket : 0.92 m³ (1.20 yd³) SAE heaped / Shoe : 700mm (28") triple grouser with 4,200kg (9,260lb) 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											*3600	*3360	7.78
	lb											*7910	*7410	(25.5)
6.0 m (20.0 ft)	kg					*2340	*2340	*3450	2670					8.74
	lb					*5160	*5160	*7610	5890					(28.7)
4.5 m (15.0 ft)	kg							*4010	*4010	*4130	3430	*3580	2300	9.32
	lb							*8840	*8840	*9100	7560	*7890	5070	(30.6)
3.0 m (10.0 ft)	kg			*9780	*9780	*6150	*6150	*4840	4790	*4250	3290	3700	2110	9.59
	lb			*21560	*21560	*13560	*13560	*10670	10560	*9330	7250	8160	4650	(31.5)
1.5 m (5.0 ft)	kg			*8810	*8810	*7960	6970	*5750	4110	*4110	3130	3640	2060	9.59
	lb			*19420	*19420	*17550	15370	*12680	9880	*9100	6900	8020	4540	(31.5)
Ground Line	kg			*9550	*9550	*9160	6570	*6490	4250	*5110	3000	3790	2140	9.31
	lb			*21050	*21050	*20190	14480	*14310	9370	*11270	6610	8360	4720	(30.5)
-1.5 m (-5.0 ft)	kg	*8810	*8810	*12610	*12610	*9600	6400	*6170	4110			5200	2940	8.72
	lb	*19420	*19420	*27800	*27800	*21160	14150	*15150	9110			11460	6480	(28.6)
-3.0 m (-10.0 ft)	kg	*12190	*12190	*13980	12930	*9320	6430	*6740	4130				2950	7.75
	lb	*26870	*26870	*30820	28510	*20550	14180	*14860	9110				6500	(25.4)
-4.5 m (-15.0 ft)	kg			*11860	*11860	*8100	6000						4330	6.16
	lb			*26150	*26150	*17900	13450						*9550	(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 Capacity

R210LC-9

Rating over-front Rating over-side or 360 degree

Boom : 5.68m (18' 8") / Arm : 3.90 m (12' 10") / Bucket : 0.92 m³ (1.20 yd³) SAE heaped / Shoe : 700mm (28") triple grouser with 4,200kg (9,260lb) 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	2620	8.94	
	lb									*4370	*4370			*6170	5780	(29.3)	
6.0 m (20.0 ft)	kg									*2840	*2840			*2900	2140	9.77	
	lb									*6260	*6260			*6390	4720	(32.1)	
4.5 m (15.0 ft)	kg									*3090	*3090	*2040	*2040	*3020	1870	10.28	
	lb									*6810	*6810	*4500	*4500	*6660	4120	(33.7)	
3.0 m (10.0 ft)	kg											*3940	*3940	*3560	3330	10.52	
	lb											*8690	*8690	*7850	7340	(34.5)	
1.5 m (5.0 ft)	kg													*4950	4550	10.52	
	lb													*10910	10030	(34.5)	
Ground Line	kg	*5260	*5260	*10600	*10600	*8250	6600	*5860	4240	*4650	2950	*3530	2150	3160	1720	10.27	
	lb	*11600	*11600	*23370	*23370	*18190	14550	*12920	9350	*10250	6500	*7780	4740	6970	3790	(33.7)	
-1.5 m (-5.0 ft)	kg	*7500	*7500	*16530	*16530	*11650	*9150	*6290	4030	*5030	2830	*2370	2100	3430	1880	9.75	
	lb	*16530	*16530	*36580	*36580	*25680	*20170	13870	*14310	8880	*11090	6240	*5220	4630	7560	4140	(32.0)
-3.0 m (-10.0 ft)	kg	*12900	*12900	*14350	12430	*9360	6200	*6700	3950	5060	2790				3900	2230	8.91
	lb	*28500	*28500	*31640	27400	*20640	13670	*14770	8710	11160	6150				*8600	4920	(29.2)
-4.5 m (-15.0 ft)	kg	*12900	*12900	*13360	12680	*8830	6280	*6340	4000						*4030	2970	7.62
	lb	*28500	*28500	*29450	27950	*19470	13850	*13980	8820						*8880	6550	(25.0)
-6.0 m (-20.0 ft)	kg					*10610	*10610	*7100	6560								
	lb					*23390	*23390	*15650	14460								

R210LC-9 HIGH WALKER

Rating over-front Rating over-side or 360 degree

Boom : 5.68m (18' 8") / Arm : 2.40 m (7' 10") / Bucket : 0.92 m³ (1.20 yd³) SAE heaped / Shoe : 700mm (28") triple grouser with 4,200kg (9,260lb) Counterweight

Lifting Capacity

R210LC-9 HIGH WALKER

Rating over-front Rating over-side or 360 degree

Boom : 5.68m (18' 8") / Arm : 3.90 m (12' 10") / Bucket : 0.92 m³ (1.20 yd³) SAE heaped / Shoe : 700mm (28") triple grouser with 4,200kg (9,260lb) 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												*2750	*2750	7.86	
	lb												*6060	*6060	(25.8)	
7.5 m (25.0 ft)	kg								*2220	*2220			*2810	*2810	9.06	
	lb								*4890	*4890			*6190	*6190	(29.7)	
6.0 m (20.0 ft)	kg								*2850	*2850			*2910	2750	9.85	
	lb								*6280	*6280			*6420	6060	(32.3)	
4.5 m (15.0 ft)	kg								*3140	*3140	*2180	*2180	*3030	2450	10.33	
	lb								*6920	*6920	*4810	*4810	*6680	5400	(33.9)	
3.0 m (10.0 ft)	kg												*4060	*4060	10.54	
	lb												*8950	*8950	(34.6)	
1.5 m (5.0 ft)	kg														10.50	
	lb														(34.4)	
Ground Line	kg	*5540	*5540	*10590	*10590	*8400	*8400	*5960	5500	*4710	3870	*3480	2860	3420	2350	10.22
	lb	*12210	*12210	*23350	*23350	*18520	*18520	*13140	12130	*10380	8530	*7670	6310	7540	5180	(33.5)
-1.5 m (-5.0 ft)	kg	*7800	*7800	*11920	*11920	*9220	8360	*6540	5310	*5060	3750			*3730	2580	9.67
	lb	*17200	*17200	*26280	*26280	*20330	18430	*14420	11710	*11160	8270			*8220	5690	(31.7)
-3.0 m (-10.0 ft)	kg	*10330	*10330	*14530	*14530	*9340	8280	*6690	5240	*5090	3730			*3920	3050	8.78
	lb	*22770	*22770	*32030	*32030	*20590	18250	*14750	11550	*11220	8220			*8640	6720	(28.8)
-4.5 m (-15.0 ft)	kg	*13390	*13390	*13120	*13120	*8690	8390	*6230	5310					*4030	*4030	7.41
	lb	*29520	*29520	*28920	*28920	*19160	18500	*13730	11710					*8880	*8880	(24.3)
-6.0 m (-20.0 ft)	kg			*10090	*10090	*6720	*6720									
	lb			*22240	*22240	*14820	*14820									

Boom : 5.68m (18' 8") / Arm : 2.40 m (7' 10") / Bucket : 0.92 m³ (1.20 yd³) SAE heaped / Shoe : 800mm (32") triple grouser with 4,200kg (9,260 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	8.30	
	lb												*8930	*8930	(27.2)	
4.5 m (15.0 ft)	kg												*5360	*5360	8.87	
	lb												*11820	*11820	(29.1)	
3.0 m (10.0 ft)	kg												*7130	*7130	9.42	
	lb												*15720	*15720	(29.9)	
1.5 m (5.0 ft)	kg												*8720	*8720	9.08	
	lb												*19220	*19220	(29.8)	
Ground Line	kg			*9305	*9305	*9550	8680	*6790	5570	*5320	3970			*4470	3075	9.75
	lb			*20610	*20610	*21050	19140	*14970	12280	*11730	8750			*9850	7010	(28.4)
-1.5 m (-5.0 ft)	kg	*10290	*10290	*14180	*14180	*9620	8610	*6950	5500					*4650	3670	8.07
	lb	*22690	*22690	*31260	*31260	*21210	18980	*15320	12130					*10250	8000	(26.5)
-3.0 m (-10.0 ft)	kg	*14760	*14760	*12990	*12990	*8950	8720	*6470	5560					*3730	4620	6.94
	lb	*32540	*32540	*28640	*28640	*19730	19220	*14260	12260					*8340	10320	(22.8)
-4.5 m (-15.0 ft)	kg			*10150	*10150	*7020	*7020									
	lb			*22380	*22380	*15480	*15480									

Boom : 5.68m (18' 8") / Arm : 2.92 m (9' 7") / Bucket : 0.92 m³ (1.20 yd³) SAE heaped / Shoe : 800mm (32") triple grouser with 4,200kg (9,260 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	8.83	
	lb												*5950	*5950	(29.0)	
4.5 m (15.0 ft)	kg												*4110	*4110	9.37	
	lb												*9060	*9060	(30.7)	
3.0 m (10.0 ft)	kg												*10440	*10440	9.60	
	lb												*23020	*23020	(31.5)	
1.5 m (5.0 ft)	kg												*8610	*8610	9.57	
	lb												*18980	*18980	(31.4)	
Ground Line	kg			*9870	*9870	*9260	8680	*6560	5550	*5150	3940			*4110	2880	9.25
	lb			*21760	*21760	*20410	19140	*14460	12240	*11350	8690			*9060	6350	(30.3)
-1.5 m (-5.0 ft)	kg	*9210	*9210	*13090	*13090	*8500	8500	*6300	5440	*5300	3890			*4340	3230	8.62
	lb	*20300	*20300	*28860	*28860	*21160	18830	*15170	11990	*11680	8580			*9570	7120	(28.3)
-3.0 m (-10.0 ft)	kg	*12660	*12660	*13780	*13780	*9230	8580	*6670	5460					*4470	4000	7.59
	lb	*27910	*27910	*30380	*30380	*20350	1920	*14700	12040					*9850	8820	(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)

Lifting Capacity

R210LC-9 HIGH WALKER

Rating over-front Rating over-side or 360 degree

Boom : 5.68m (18' 8") / Arm : 3.90 m (12' 10") / Bucket : 0.92 m³ (1.20 yd³) SAE heaped / Shoe : 800mm (32") triple grouser with 4,200kg (9,260 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														*2750	*2750	7.86
	lb														*6060	*6060	(25.8)
7.5 m (25.0 ft)	kg														*2220	*2220	9.06
	lb														*4890	*4890	(29.7)
6.0 m (20.0 ft)	kg														*2850	*2850	9.85
	lb														*6280	*6280	(32.3)
4.5 m (15.0 ft)	kg														*3140	*3140	10.33
	lb														*6920	*6920	(33.9)
3.0 m (10.0 ft)	kg														*4060	*4060	10.54
	lb														*8950	*8950	(34.6)
1.5 m (5.0 ft)	kg																10.50
	lb																(34.4)
Ground Line	kg	*5540	*5540	*10590	*10590	*8400	*8400	*5960	5530	*4710	3890	*3480	2880	3440	2370	10.22	
	lb	*12210	*12210	*23350	*23350	*18520	*18520	*13140	12190	*10380	8580	*7670	6350	7580	5220	(33.5)	
-1.5 m (-5.0 ft)	kg	*7800	*7800	*11920	*11920	*9220	8400	*6540	5340	*5060	3770			*3730	2590	9.67	
	lb	*17200	*17200	*26280	*26280	*20330	18520	*14420	11770	*11160	8310			*8220	5710	(31.7)	
-3.0 m (-10.0 ft)	kg	*10330	*10330	*14530	*14530	*9340	8330	*6690	5270	*5090	3750			*3920	3060	8.78	
	lb	*22770	*22770	*32030	*32030	*20590	18360	*14750	11620	*11220	8270			*8640	6750	(28.8)	
-4.5 m (-15.0 ft)	kg	*13390	*13390	*13120	*13120	*8690	8430	*6230	5340					*4030	*4030	7.41	
	lb	*29520	*29520	*28920	*28920	*19160	18580	*13730	11770					*8880	*8880	(24.3)	
-6.0 m (-20.0 ft)	kg			*10090	*10090	*6720	*6720										
	lb			*22240	*22240	*14820	*14820										

R210LC-9 LONG REACH

Rating over-front Rating over-side or 360 degree

Boom : 8.2m (27' 11") / Arm : 6.3