



Robex 210LC-7

Standard Equipment

ISO standard cabin

- All-weather steel cab with all-around visibility
- Safety glass windows
- Rise-up type windshield wiper
- Sliding fold-in front window
- Sliding side window
- Lockable door
- Hot & cool box
- Accessory box & Ashtray

Computer Aided Power Optimization (New CAPO) system

- 2-power mode, 3-work mode, 2-user mode
- Auto deceleration & one touch deceleration system
- Auto warm up system
- Auto overheat prevention system

Heater & Defroster (7500 Kcal/hr, 30000 BTU/hr)

Self diagnostic system Starting Aid (air grid heater), cold weather

Centralized monitoring

- LCD display
 - Engine speed
 - Clock & Error code
- Gauges
 - Fuel level gauge
 - Engine coolant temperature gauge
 - Hyd. oil temperature gauge
- Warning
 - Fuel level
 - CPU
 - Engine oil pressure
 - Engine coolant temperature
 - Hyd. oil temperature
 - Low battery
 - Air cleaner clogging
- Indicator
 - Power max
 - Preheat & Engine warming-up
 - One touch decel

Door and cab locks, one key

AM/FM radio and cassette

- Radio remote switch

Two outside rearview mirrors

Fully adjustable suspension seat with seat belt

Slidable joystick, pilot-operated

Console box tilting system(LH.)

Three front 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 (3800kg, 8380lb)

Mono boom (5.68m, 18' 8")

Arm (2.92m, 9' 7")

Track shoes (600m, 24")

Track rail guard

Optional Equipment

Air-conditioner (5,000 kcal/hr, 20,000 BTU/hr)

FATC (Full Automatic Temperature Control)

Sun visor for cabin inside

Fuel filler pump (35 ℓ /min, 9.5 US gpm)

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

Accumulator, work equipment lowering

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

Electric transducer

TET LCA CLUSTER

CD Player

Travel alarm

Various optional Arms

- Super short arm (2.00 m, 6' 7")
- Short arm (2.40 m, 7' 10")
- Long arm (3.90 m, 12' 10")

Various optional Buckets (SAE heaped)

- Standard bucket (0.92 m³, 1.20 yd³)
- Narrow bucket (0.51 m³, 0.67 yd³)
- Narrow bucket (0.80 m³, 1.05 yd³)
- Light duty bucket (1.10 m³, 1.44 yd³)
- Light duty bucket (1.20 m³, 1.57 yd³)
- Light duty bucket (1.34 m³, 1.75 yd³)
- Heavy duty bucket (0.74 m³, 0.97 yd³)
- Heavy duty bucket (0.90 m³, 1.18 yd³)
- Heavy duty bucket (1.05 m³, 1.37 yd³)
- Rock-Heavy duty bucket (0.87 m³, 1.14 yd³)
- Rock-Heavy duty bucket (1.20 m³, 1.57 yd³)
- Slope fishing bucket (0.75 m³, 0.98 yd³)

Cabin FOPS/FOG(ISO/DIS 10262)

- FOPS(Falling Object Protective Structure)
- FOG(Falling Object Guard)

Cabin Roof-cover Transparent

Cabin lights

Track shoes

- Triple grousers shoe (700 mm, 28")
- Triple grousers shoe (800 mm, 32")
- Double grousers shoe (710 mm, 28")

Lower frame under cover

Pre heating system, coolant

Tool kit

Operator suit

Special cooling

- Air vent type side door
- Louver type side door

Low noise kit

Engine emergency control cable

Seat

- Adjustable air suspension seat
- Adjustable air suspension seat with heater
- Mechanical suspension seat with heater

Pattern changer (2pattern)



Some of the Photo may include optional equipment.

Robex CRAWLER EXCAVATOR Applied Tier 2 Engine

210LC-7

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.

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We build a better future

Built for Maximum Power, Performance, Reliability.

A new chapter in construction
equipment has now begun.
Making the dream a reality.



■ Some of the Photo may include optional equipment.

Operator's Comfort is Foremost. Wide Cab Exceeds Industry Standards.



Visibility

- Even more visibility than before, for safer, more efficient operating.

Excellent Ventilation

- Ventilation has been improved by the addition of the larger fresh air intake system, and by providing additional air flow throughout the cab.
- Sliding front and side windows provide improved ventilation.
- A large sunroof offers upward visibility and additional ventilation.

Comfortable Operator Environment

- The control levers and seat can be adjusted to provide maximum operator comfort.
- The seat is fully adjustable for optimum operating position, reducing operator fatigue.
- Console boxes slide forward and backward for improved accessibility.
- The proportional pressure controls reduce unnecessary exertion while ensuring precise operation.
- Large windows allow excellent visibility in all directions.

Low Noise Design

- The Robex 7 series was designed with low operation noise in mind.
- Hyundai engineering helps to keep interior and exterior noise levels to a minimum.
- The cab's noise levels have been additionally reduced by improving the door seals for the cab and engine compartments.
- An insulated diesel engine compartment with sound-damping material also reduces noise.

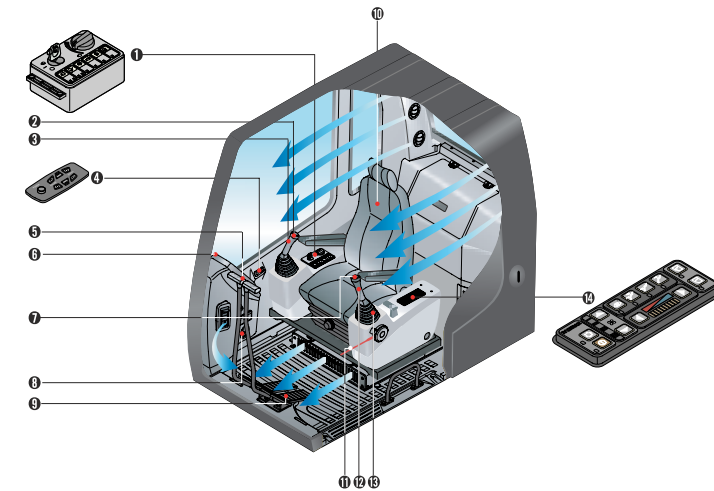


- 1 Wide, Comfortable Operating Space
- 2 Steel Cover Sunroof
- 3 Dial Type Engine Speed Switch and Key Switch

Operating Environment

The best working conditions in a pleasant environment.

- 1 Centralized control panel
- 2 Horn button
- 3 Option button
- 4 Remote radio control
- 5 Travel lever
- 6 Cluster
- 7 One touch decel button
- 8 Hour meter
- 9 Travel pedal
- 10 Fully adjustable suspension seat
- 11 Safety lever
- 12 Power boost button
- 13 Joystick control lever
- 14 Air conditioner and heater controller



Rear Emergency Exit Window

Rear Exit Window is designed with easy exit for operator's safety.



Rise-up Wiper and Cabin Lights

Raise-up wiper has enhanced for the better front view. Cabin Lights enhances safety by brightly lighting the surroundings during night work(optional)



Wide Cab with Excellent Visibility

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



Highly Sensitive Joystick and Easy Entrance

New joystick grips for precise control have been equipped with double switches. (Left: Power boost / One touch deceleration, Right: Horn/Optional)



Wide, Comfortable Operating Space

All the controls are designed and positioned according to the latest ergonomic research. Reinforced pillars have also been added for greater cab rigidity.



Remote Radio Control and Deluxe Cassette

Smooth Travel Pedal and Foot Rests



Improved Intelligent Display

Instrument Panel is installed in front of RH console box. It is easy to check all critical systems with easy-to-read indicators.



Easy-to-Reach Control Panels

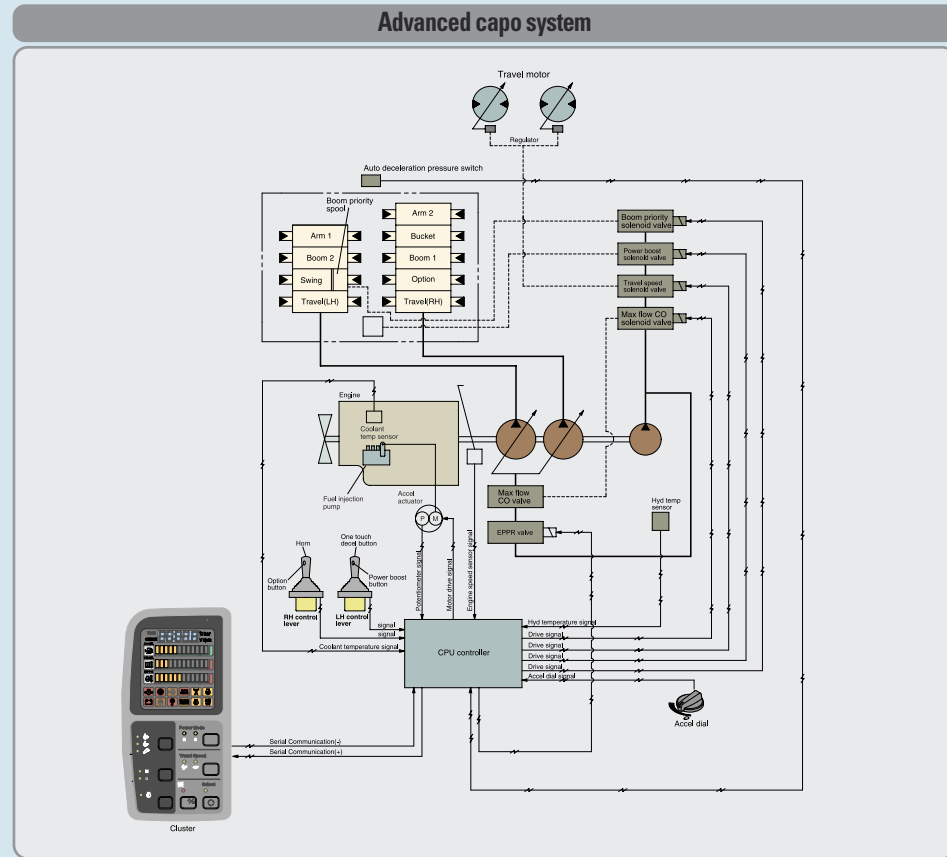
Switches and other essential controls are located near the operator. This helps keep operator movement to a minimum, enhancing control with less operator fatigue.



Storage box and Cup Holder

An additional storage box and cup holder are located behind operator's seat, and it keeps food and beverages cool or hot.

Advanced Hydraulic System



Advanced CAPO System

The Advanced CAPO (Computer Aided Power Optimization) system maintains engine and mutual pump power at optimum levels. Mode selections are designed for various work loads and maintaining high performance while reducing fuel consumption.

Features such as auto deceleration and power boost are included in the system. The system monitors engine speed, coolant temperature, and hydraulic oil temperature. Contained within the system are self diagnostic capabilities, which are displayed by error codes on the cluster.

Self Diagnosis System

The CPU controller diagnoses problems in the CAPO system caused by electric and hydraulic malfunctions and displays them on the LCD monitor of the cluster by error codes. This controller has the capacity to identify 48 distinct types of errors. As the information from this device, such as engine rpm, main pump delivery pressure, battery voltage, hyd. temperature, and the state of all types of electric switches, provides the operator with a much more exact state of machine operating condition. This makes the machine easier to troubleshoot when anything does go wrong.

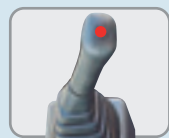
Arm Flow Regeneration System

Arm flow regeneration valve provides smooth arm-in operation without cavitation.

Boom & Arm Holding System

The Holding valves in the main control valve prevents the boom & arm from dropping over an extended period in neutral position.

One Touch Deceleration



When the one touch deceleration button on top of LH joystick is pushed once, the engine rpm will be immediately down to low idle rpm.

Engine speed will be recovered to its preselected rpm in case the button is pushed once more.

Max. Flow Cut-off System

For precise control and finishing work, the Max. Flow Cut-off System reduces pump flow, thus allowing smooth operation.

Automatic Engine Overheat Prevention

If the engine coolant temperature gets too high, the CPU controller lowers the engine speed and cools the engine.

Anti Restart System

The new system protects the starter from restarting during engine operation, even if the operator accidentally turns the start key again.

New mode control system

- ▶ **POWER MODE**
H mode: High power S mode: Standard power
- ▶ **WORK MODE**
: Heavy duty work
: General work
: Breaker
- ▶ **USER MODE**
M mode: Maximum Power
U mode: Memorizing Operator's Preferable Power Setting



Power boost control System

When the power boost system is activated, digging power increases about 10%. It is especially useful when extra power is temporarily needed, for instance, when digging hard earth and rock, or if the bucket teeth are stopped by a stubborn tree root.

Automatic Warming-up System

After the engine is started, if the engine coolant temperature is low, the CPU controller increases the engine speed and automatically to warm up the engine more effectively.

Pump Flow Control System

In neutral position: Pump flow is reduced to a minimum to eliminate power loss.
In operation: Maximum pump flow is delivered to the actuator to increase the speed. With movement of the control lever, pump flow is automatically adjusted and the actuator speed can be proportionally controlled.

Hydraulic Damper in Travel Pedal

Improved travel control ability & feeling by shock reducing when starting and stopping.

Strong and Stable Lower Frame

Reinforced box-section frame is all welded, low-stress, high-strength steel. It guarantees safety and resistance against external impact when driving on rough ground and working on wet sites through high tensile strength steel panels, with highly durable upper and lower rollers and track guards. Long undercarriage incorporates heavy duty excavator style components. X-leg type center frame is integrally welded for maximum strength and durability.



Track Rail Guide & Adjusters

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



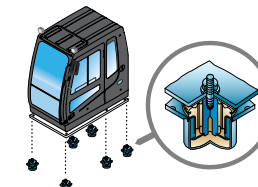
Powerful and Preciser Swing Control

Improved shock absorbing characteristics make stopping a precise and smooth action



Minimization of Shock and Vibration through Cab Mounting System

The application of Viscous Mounting to the cabin support provides the operator with a much improved ride. The operator work efficiency will increase as the shock and noise level in the cabin decreases.



Increased Higher Performance

CUMMINS B5.9-C ENGINE

The six cylinders, turbo-charged, 4 cycle, charger air cooled engine is built for power, reliability, economy and low emissions.



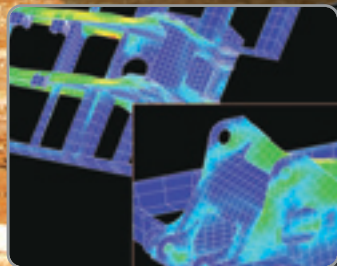
A More Reliable Way To Reach Your Dream.

The Cummins B5.9-C engine has been designed with 40% fewer parts than the competition. That means there's less that can go wrong when you need it most. It also means fewer parts to inventory. Repairs are simplified because no special tools are needed for maintenance. The weight of the machine is reduced without sacrificing strength. The B5.9-C engine is capable of reaching emission standards without electronic engine controls. You get a proven power plant that meets ecological concerns, without paying a premium for technology you don't need.

Reinforced Bucket and Bucket Linkage

Sealed and adjustable bucket linkage provides less wear of pins and bushes as well as silent operation. The design includes bucket link durability and anti wear characteristics. Additional reinforcement plates on cutting edge section. Reinforced bucket is made with thicker steel and additional lateral plate.





Durability of structure proven through FEM(Finite Element Method) analysis and long term durability test.

Some of the Photo may include optional equipment.

Reliability & Serviceability



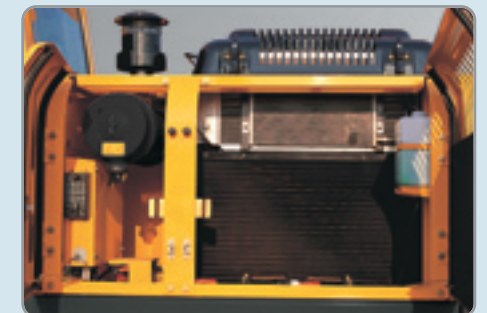
Easy to Maintain Engine Components

The cooling and preheating system are provided for optimum and immediate operation, guaranteeing longer life for the engine and hydraulic components. Servicing of the engine and hydraulics is considerably simplified due to total accessibility.



Centralized Electric Control Box and Easy Change Air Cleaner Assembly

Electric control box and Air cleaner are centralized in one or the same compartment for easy service.

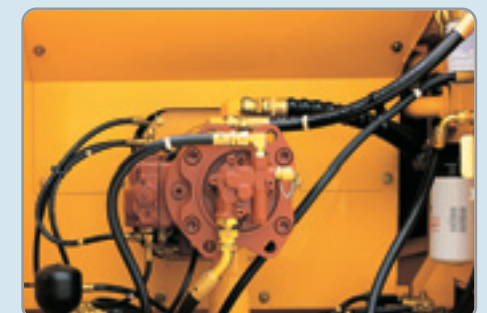


Side Cover with Left & Right Swing Open Type

Easy access to vital components gives unrestricted view of component allows easy maintenance and repair.



Large Tool Box for Extra Storage



Highly Efficient Hydraulic Pump

A pilot pump has been installed resulting in improved control sensitivity.

Engine

Model		Cummins B5.9-C	
Type		Water cooled, 4 cycle Diesel, 6-Cylinders in line, direct injection, Turbocharged, charge air cooled, Low emission	
Rated flywheel horse power	SAE	J1995 (gross)	150HP (112kW) / 1,950rpm
		J1349 (net)	143HP (107kW) / 1,950rpm
Rated flywheel horse power	DIN	6271/1 (gross)	152PS (112kW) / 1,950rpm
		6271/1 (net)	145PS (107kW) / 1,950rpm
Max. torque		62.6kgf·m (453lbf-ft) / 1,500rpm	
Bore × stroke		102mm (4.02in) × 120mm(4.72in)	
Piston displacement		5,880cc (359 in³)	
Batteries		2 x 12V × 100AH	
Starting motor		24V, 4.5kw	
Alternator		24V, 50Amp	

Hydraulic system

Main pump	
Type	Two variable displacement piston pumps
Max. flow	2 × 220 ℓ /min (58.1 US gpm / 48.4 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	330 kgf/cm² (4,690 psi)
Travel	330 kgf/cm² (4,690 psi)
Power boost (boom, arm, bucket)	360 kgf/cm² (5,120 psi)
Swing circuit	240 kgf/cm² (3,410 psi)
Pilot circuit	35 kgf/cm² (500 psi)
Service valve	Installed
Hydraulic cylinders	
No. of cylinder-bore × stroke	Boom: 2-120 × 1290 mm (4.7" × 50.8")
	Arm: 1-140 × 1510 mm (5.5" × 59.4")
	Bucket: 1-125 × 1055 mm (4.9" × 41.5")

Drives & Brakes

Drive method	Fully hydrostatic type
Drive motor	Axial piston motor, in-shoe design
Reduction system	STD/HC Planetary reduction gear
Max. drawbar pull	21,100 kgf (46,500 lbf)
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 and one 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	12.5 rpm

Coolant & Lubricant capacity

(refilling)	liter	US gal	UK gal
Fuel tank	340	89.8	74.8
Engine coolant	35	9.2	7.7
Engine oil	24	6.3	5.3
Swing device	5	1.3	1.1
Final drive(each)	STD/HC	2	1
Hydraulic system(including tank)	290	76.6	63.8
Hydraulic tank	180	47.6	39.6

Undercarriage

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 spring and sprockets, and 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 roller on each side	2
No. of track roller on each side	9
No. of rail guard on each side	2

Operating weight (approximate)

Operating weight, including 5680mm (18' 8") boom, 2920m (9' 7") arm, SAE heaped 0.92m³ (1.20 yd³) backhoe bucket, lubricant, coolant, full fuel tank, hydraulic tank and the standard equipment.

Major component weight

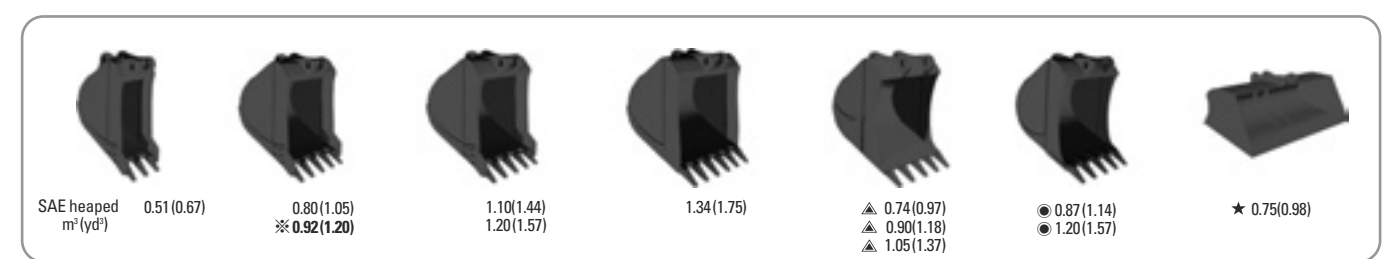
Upperstructure	5,850kg (12,900lb)
Counterweight	3,800kg (8,380lb)
Boom (with Arm cylinder)	1,950kg (4,300lb)

Operating weight

Type	Shoes Width mm(in)	Operating weight		Ground pressure kgf/cm²(ksi)
		R210LC-7	kg(lb)	
Triple grouser	※ 600 mm (24")	R210LC-7	21,700 (47,800)	0.46 (6.54)
		R210LC-7 H/C	23,160 (51,060)	0.49 (6.97)
	700 mm (28")	R210LC-7	21,980 (48,460)	0.40 (5.69)
		R210LC-7 H/C	23,440 (51,680)	0.43 (6.12)
	800 mm (32")	R210LC-7	22,270 (49,070)	0.35 (4.98)
		R210LC-7 H/C	23,730 (52,320)	0.38 (5.40)
Double grouser	710 mm (28")	R210LC-7	22,560 (49,740)	0.32 (4.55)
		R210LC-7 H/C	23,770 (52,400)	0.43 (6.12)

※ Standard equipment

Buckets



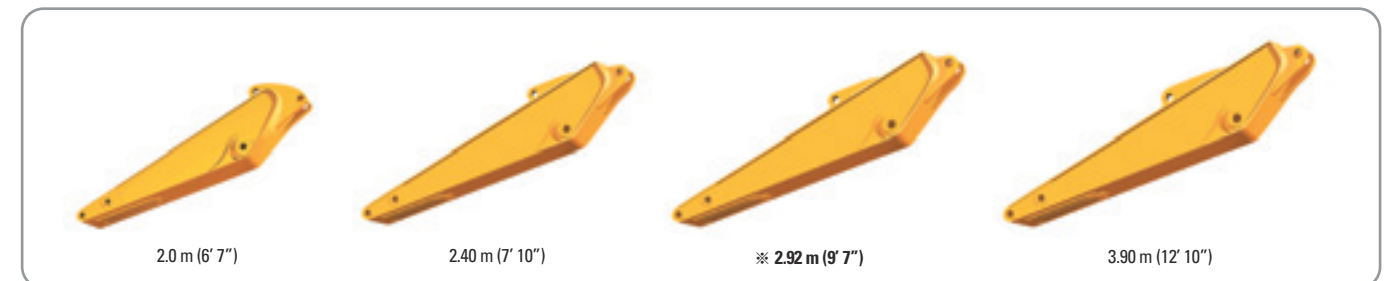
Capacity m³ (yd³)	Width mm (in)	Weight kg(lb)	Recommendation mm(ft.in)			
			2,000 (6' 7")	2,400 (7' 10")	※ 2,920 (9' 7")	3,900 (12' 10")
0.51(0.67)	700(27.6)	570(1260)	●	●	●	●
0.80(1.05)	1000(39.4)	700(1540)	●	●	●	■
※ 0.92(1.20)	1150(45.3)	770(1700)	●	●	■	▲
1.10(1.44)	1320(52.0)	830(1830)	■	▲	▲	-
1.20(1.57)	1400(55.1)	850(1870)	■	▲	-	-
1.34(1.75)	1550(61.0)	920(2030)	▲	▲	-	-
▲ 0.74(0.97)	985(38.8)	770(1700)	●	●	●	▲
▲ 0.90(1.18)	1070(42.0)	810(1790)	●	●	■	-
▲ 1.05(1.37)	1290(50.8)	890(1960)	■	▲	-	-
● 0.87(1.14)	1140(44.9)	900(1980)	●	●	■	-
● 1.20(1.57)	1410(55.5)	1030(2270)	■	▲	-	-
★ 0.75(0.98)	1790(70.5)	880(1940)	●	●	■	▲

※ : Standard backhoe bucket
 ▲ : Heavy-duty
 ● : Rock-Heavy duty bucket
 ★ : Slope finishing bucket

● Applicable for materials with density of 2,000 kg / m³ (3,370 lb/yd³) or less
 ■ 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

Backhoe Attachment

Boom and arms are of all-welded, low-stress, full-box section design. 5.68m(18' 8") mono boom and 2.0m(6' 7"), 2.4m (7' 10"), 2.92m (9' 7"), 3.90m (12' 10") arm are available. Buckets are all-welded, high-strength steel implements.



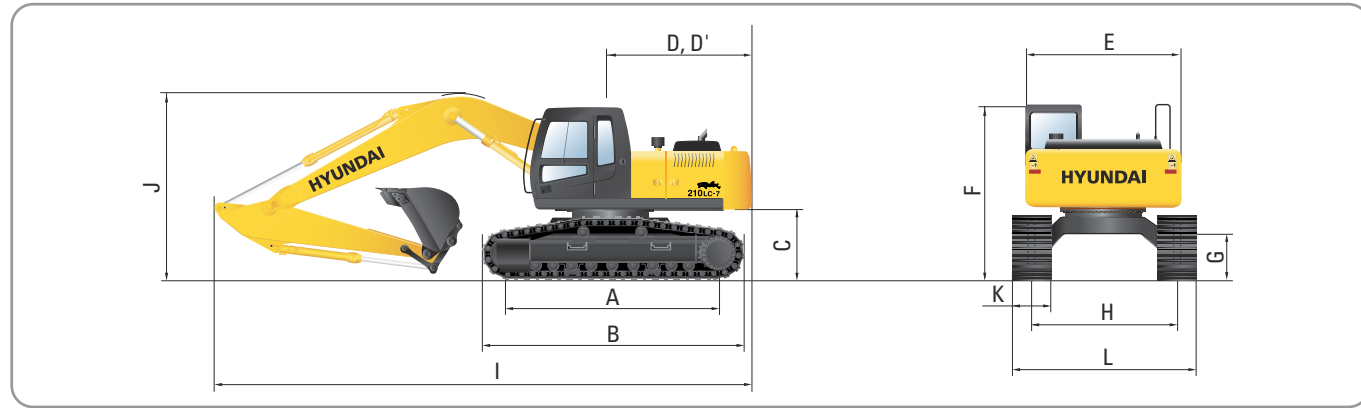
Digging force

Arm	Length mm(ft.in)	Weight kg(lb)	2,000 (6' 7")	2,400 (7' 10")	※ 2,920 (9' 7")	3,900 (12' 10")	Remark
			860 (1,890)	950 (2,090)	990 (2,180)	1,200 (2,650)	
Bucket digging force	SAE	kN	133.4 [145.5]	133.4 [145.5]	133.4 [145.5]	133.4 [145.5]	[]: Power Boost
			kgf	13600 [14840]	13600 [14840]	13600 [14840]	
Arm crowd force	SAE	kN	152.0 [165.8]	152.0 [165.8]	152.0 [165.8]	152.0 [165.8]	
			kgf	15500 [16910]	15500 [16910]	15500 [16910]	
Bucket digging force	ISO	kN	29980 [32710]	29980 [32710]	29980 [32710]	29980 [32710]	
			kgf	34170 [37280]	34170 [37280]	34170 [37280]	
Arm crowd force	ISO	kN	135.3 [147.6]	112.8 [123.1]	97.1 [105.9]	79.4 [86.6]	
			kgf	13800 [15050]	11500 [12550]	9900 [10800]	8100 [8840]
Bucket digging force	ISO	kN	30420 [33190]	25350 [27650]	21830 [23810]	17860 [19480]	
			kgf	31970 [34880]	26460 [28870]	22710 [24770]	19180 [20920]

Note : Arm weight including bucket cylinder and linkage. ※ Standard arm

Dimensions & Working ranges

Dimensions R210LC-7

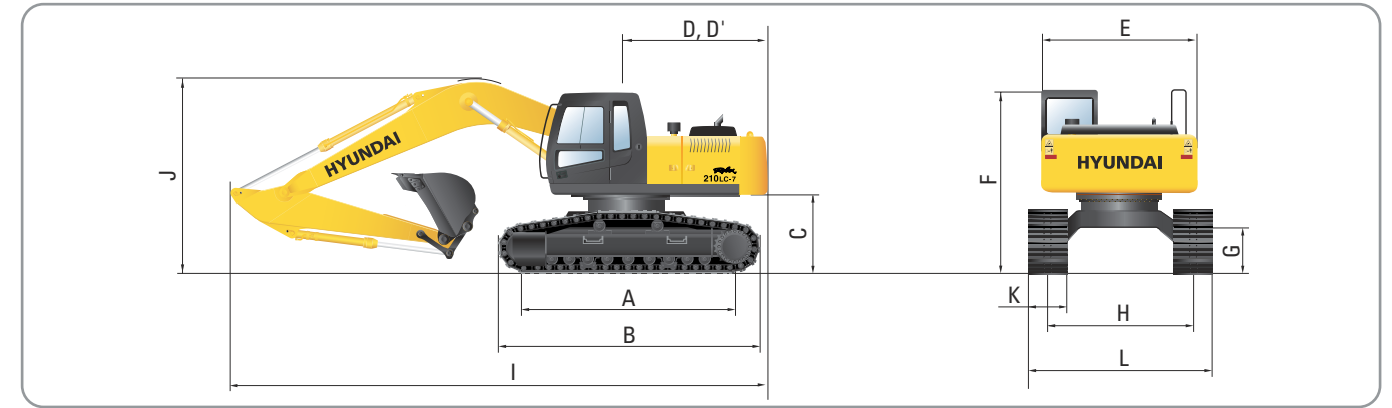


	mm (ft · in)
A Tumbler distance	3,650 (12' 0")
B Overall length of crawler	4,440 (14' 7")
C Ground clearance of counterweight	1,060 (3' 6")
D Tail swing radius	2,830 (9' 3")
D' Rear-end length	2,770 (9' 1")
E Overall width of upperstructure	2,700 (8' 10")
F Overall height of cab	2,920 (9' 7")
G Min. ground clearance	480 (1' 7")
H Track gauge	2,390 (7' 10")

	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")
I Overall length	9,650 (31' 8")	9,570 (31' 5")	9,520 (31' 3")	9,520 (31' 3")
J Overall height of boom	3,200 (10' 6")	3,110 (10' 2")	2,990 (9' 10")	3,480 (11' 5")
K Track shoe width	600 (24")	700 (28")	800 (32")	900 (35.4")
L Overall width	2,990 (9' 10")	3,090 (10' 2")	3,190 (10' 6")	3,290 (10' 10")

※ Standard Equipment

Dimensions R210LC-7 High Chassis



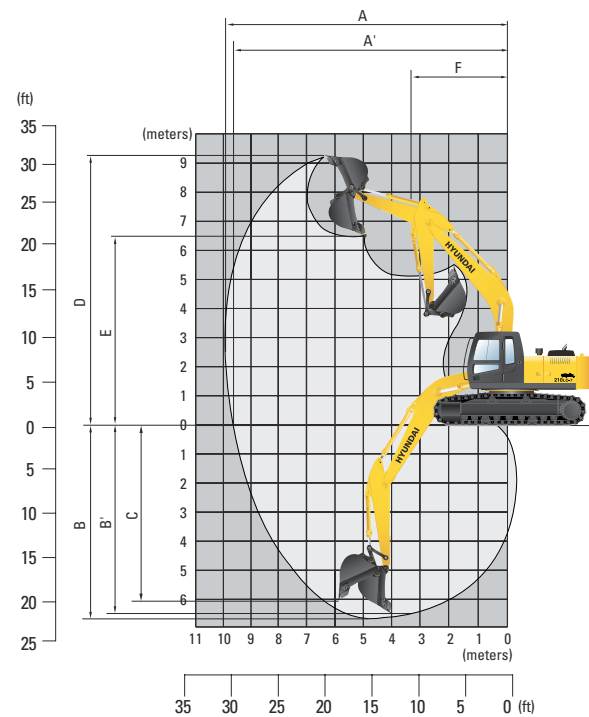
	mm (ft · in)
A Tumbler distance	3,650 (12' 0")
B Overall length of crawler	4,440 (14' 7")
C Ground clearance of counterweight	1,260 (4' 2")
D Tail swing radius	2,830 (9' 3")
D' Rear-end length	2,770 (9' 1")
E Overall width of upperstructure	2,700 (8' 10")
F Overall height of cab	3,100 (10' 2")
G Min. ground clearance	660 (2' 2")
H Track gauge	2,795 (9' 2")

	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")
I Overall length	9,640 (31' 7")	9,550 (31' 4")	9,470 (31' 1")	9,560 (31' 4")
J Overall height of boom	3,320 (10' 11")	3,220 (10' 7")	3,080 (10' 1")	3,490 (11' 5")

K Track shoe width	Type	Triple grouser			Double grouser
		width	700 (28")	800 (32")	710 (28")
L Overall width		3,395 (11' 2")	3,495 (11' 6")	3,595 (12' 0")	3,505 (11' 6")

※ Standard Equipment

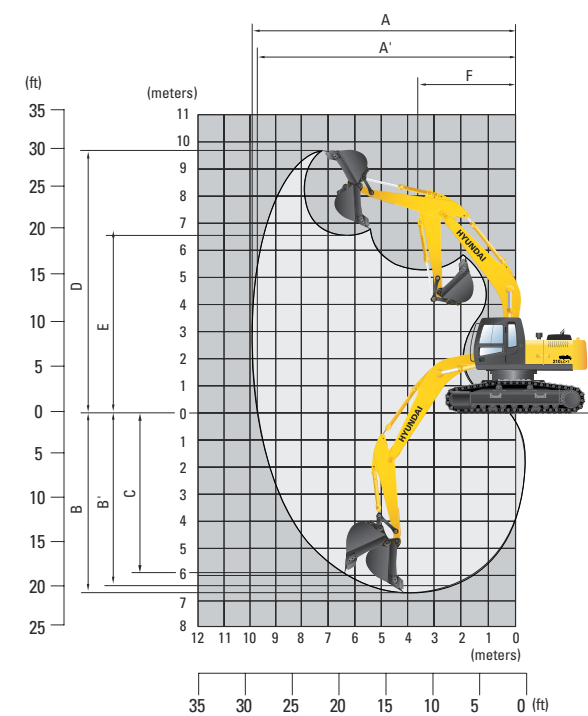
Working ranges R210LC-7



	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")
A Max. digging reach	9,140 (30' 0")	9,500 (31' 2")	9,940 (32' 7")	10,910 (35' 10")
A' Max. digging reach on ground	8,960 (29' 5")	9,330 (30' 7")	9,780 (32' 1")	10,770 (35' 4")
B Max. digging depth	5,820 (19' 1")	6,220 (20' 5")	6,740 (22' 1")	7,720 (25' 4")
B' Max. digging depth (8' level)	5,580 (18' 4")	6,010 (19' 9")	6,550 (21' 6")	7,580 (24' 10")
C Max. vertical wall digging depth	5,280 (17' 4")	5,720 (18' 9")	6,120 (20' 1")	7,240 (23' 9")
D Max. digging height	9,140 (30' 0")	9,340 (30' 8")	9,470 (31' 1")	10,110 (33' 2")
E Max. dumping height	6,330 (20' 9")	6,520 (21' 5")	6,670 (21' 11")	7,290 (23' 11")
F Min. swing radius	3,750 (12' 4")	3,740 (12' 3")	3,640 (11' 11")	3,650 (11' 12")

※ Standard Equipment

Working ranges R210LC-7 High Chassis



	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")
A Max. digging reach	9,140 (30' 0")	9,500 (31' 2")	9,940 (32' 7")	10,910 (35' 10")
A' Max. digging reach on ground	8,920 (29' 3")	9,290 (30' 6")	9,740 (31' 11")	10,730 (35' 2")
B Max. digging depth	5,630 (18' 6")	6,010 (19' 9")	6,550 (21' 6")	7,530 (24' 8")
B' Max. digging depth (8' level)	5,390 (17' 8")	5,820 (19' 1")	6,360 (20' 10")	7,390 (24' 3")
C Max. vertical wall digging depth	5,090 (16' 8")	5,530 (18' 2")	5,930 (19' 5")	7,050 (23' 1")
D Max. digging height	9,330 (30' 7")	9,530 (31' 3")	9,660 (31' 8")	10,300 (33' 9")
E Max. dumping height	6,520 (21' 5")	6,710 (22' 0")	6,860 (22' 6")	7,480 (24' 6")
F Min. swing radius	3,750 (12' 4")	3,740 (12' 3")	3,640 (11' 11")	3,650 (11' 12")

※ Standard Equipment

Lifting Capacities



Lifting capacities R210LC-7



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 : 600mm(24") triple grouser with 3,800kg (8,380 lb) 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	
	Rating over-front	Rating over-side or 360 degree	Rating over-front	Rating over-side or 360 degree	Rating over-front	Rating over-side or 360 degree	Rating over-front	Rating over-side or 360 degree	kg (lb)	kg (lb)	m (ft)	
7.5 m (25.0 ft)	kg									*3750	*3750	6.64
	lb									*8270	*8270	(21.8)
6.0 m (20.0 ft)	kg					*4150	*4150			*3800	*3060	7.78
	lb					*9150	*9150			*8380	6750	(25.5)
4.5 m (15.0 ft)	kg		*5360	*5360	*4540	*4540				*3910	2560	8.43
	lb		*11820	*11820	*10010	*10010				*8620	5640	(27.7)
3.0 m (10.0 ft)	kg		*6970	6830	*5240	4380	*4500	3020		*4050	2340	8.74
	lb		*15370	15060	*11550	9660	*9920	6660		*8930	5160	(28.7)
1.5 m (5.0 ft)	kg		*8380	6310	*5950	4120	*4820	2900		4000	2280	8.73
	lb		*18470	13910	*13120	9080	*10630	6390		8820	5030	(28.6)
Ground Line	kg		*9020	6080	*6430	3960	4980	2830		4210	2400	8.42
	lb		*19890	13400	*14180	8730	10980	6240		9280	5290	(27.6)
-1.5 m (-5.0 ft)	kg	*13020	12190	*8960	6050	*6510	3910			*4550	2770	7.76
	lb	*28700	26870	*19750	13340	*14350	8620			*10030	6110	(25.5)
-3.0 m (-10.0 ft)	kg	*11620	*11620	*8210	6160	*5910	3990			*4510	3660	6.61
	lb	*25620	*25620	*18100	13580	*13030	8800			*9940	8070	(21.7)
-4.5 m (-15.0 ft)	kg	*8770	*8770									
	lb	*19330	*19330									

• Boom : 5.68m (18' 8") • Arm : 2.4 m (7' 10") • Bucket : 0.92 m³ (1.20 yd³) SAE heaped • Shoe : 600mm(24") triple grouser with 3,800kg (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	
	Rating over-front	Rating over-side or 360 degree	Rating over-front	Rating over-side or 360 degree	Rating over-front	Rating over-side or 360 degree	Rating over-front	Rating over-side or 360 degree	Rating over-front	Rating over-side or 360 degree	kg (lb)	kg (lb)	m (ft)	
7.5 m (25.0 ft)	kg										*3630	3190	7.15	
	lb										*8000	7030	(23.5)	
6.0 m (20.0 ft)	kg						*3750	*3750			*3520	2490	8.20	
	lb						*8270	*8270			*7760	5490	(26.9)	
4.5 m (15.0 ft)	kg						*4190	*4190	*3940	3140	*3450	2200	8.82	
	lb						*9240	*9240	*8690	6920	*7610	4850	(28.9)	
3.0 m (10.0 ft)	kg				*6420	*6420	*4920	4400	*4240	3020	3770	2100	9.11	
	lb				*14150	*14150	*10850	9700	*9350	6660	8310	4630	(29.9)	
1.5 m (5.0 ft)	kg				*7960	6360	*5690	4130	*4620	2890	3720	2150	9.10	
	lb				*17550	14020	*12540	9110	*10190	6370	8200	4740	(29.9)	
Ground Line	kg			*8300	*8300	*8820	6050	*6260	3930	*4920	2790	3890	2350	8.81
	lb			*18300	*18300	*19440	13340	*13800	8660	*10850	6150	8580	5180	(28.9)
-1.5 m (-5.0 ft)	kg	*9220	*9220	*12750	11960	*8970	5970	*6460	3850		*4300	2780	8.18	
	lb	*20330	*20330	*28110	26370	*19780	13160	*14240	8490		*9480	6130	(26.8)	
-3.0 m (-10.0 ft)	kg	*13340	*13340	*12280	12180	*8430	6040	*6110	3890		*4360	*3450	7.12	
	lb	*29410	*29410	*27070	26850	*18580	13320	*13470	8580		*9610	*7610	(23.4)	
-4.5 m (-15.0 ft)	kg			*9840	*9840	*6850	6300							
	lb			*21690	*21690	*15100	13890							

• Boom : 5.68m (18' 8") • Arm : 2.92 m (9' 7") • Bucket : 0.92 m³ (1.20 yd³) SAE heaped • Shoe : 600mm(24") triple grouser with 3,800kg (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		
	Rating over-front	Rating over-side or 360 degree	Rating over-front	Rating over-side or 360 degree	Rating over-front	Rating over-side or 360 degree	Rating over-front	Rating over-side or 360 degree	Rating over-front	Rating over-side or 360 degree	kg (lb)	kg (lb)	m (ft)		
7.5 m (25.0 ft)	kg										*3120	*3120	7.72		
	lb										*6880	*6880	(25.3)		
6.0 m (20.0 ft)	kg										*3210	2530	8.69		
	lb										*7080	5580	(28.5)		
4.5 m (15.0 ft)	kg							*3770	*3770	*3590	3210	*3340	2170	9.27	
	lb							*8310	*8310	*7910	7080	*7360	4780	(30.4)	
3.0 m (10.0 ft)	kg			*9160	*9160	*5760	*5760	*4530	4490	*3950	3070	*3490	1980	9.55	
	lb			*20190	*20190	*12700	*12700	*9990	9900	*8710	6770	*7690	4370	(31.3)	
1.5 m (5.0 ft)	kg			*8660	*8660	*7430	6550	*5380	4180	*4390	2910	3440	1930	9.54	
	lb			*19090	*19090	*16380	14330	*11860	9220	*9680	6420	7580	4250	(31.3)	
Ground Line	kg			*9310	*9310	*8550	6100	*6060	3950	*4770	2780	3580	2000	9.26	
	lb			*20530	*20530	*18850	13450	*13360	8710	*105520	6130	7890	4410	(30.4)	
-1.5 m (-5.0 ft)	kg	*8550	*8550	*12160	11830	*8950	5940	*6400	3820		4870	2720	3970	2230	8.67
	lb	*18850	*18850	*26810	26080	*19730	13100	*14110	8420		10740	6000	8750	4920	(28.4)
-3.0 m (-10.0 ft)	kg	*11700	*11700	*13020	11990	*8680	5960	*6280	3820			*4230	2770	7.69	
	lb	*25790	*25790	*28700	26430	*19140	13140	*13850	8420			*9330	6110	(25.2)	
-4.5 m (-15.0 ft)	kg			*11040	*11040	*7560	6130					*4140	*4140	6.09	
	lb			*24340	*24340	*16670	13510					*9130	*9130	(20.0)	

• Boom : 5.68m (18' 8") • Arm : 3.9 m (12' 9") • Bucket : 0.92 m³ (1.20 yd³) SAE heaped • Shoe : 600mm(24") triple grouser with 3,800kg (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	
	Rating over-front	Rating over-side or 360 degree	Rating over-front	Rating over-side or 360 degree	Rating over-front	Rating over-side or 360 degree	Rating over-front	Rating over-side or 360 degree	Rating over-front	Rating over-side or 360 degree	Rating over-front	Rating over-side or 360 degree	kg (lb)	kg (lb)	m (ft)	
9.0 m (30.0 ft)	kg													*2590	*2590	7.66
	lb													*5710	*5710	(25.1)
7.5 m (25.0 ft)	kg													*1870	*1870	8.94
	lb													*4120	*4120	(29.3)
6.0 m (20.0 ft)	kg													*2670	*2670	9.77
	lb													*5890	*5890	(32.1)
4.5 m (15.0 ft)	kg													*2910	*2910	10.28
	lb													*6420	*6420	(33.7)
3.0 m (10.0 ft)	kg													*3710	*3710	10.52
	lb													*8180	*8180	(34.5)
1.5 m (5.0 ft)	kg													*3340	3130	10.52
	lb													*7360	6900	(34.5)
Ground Line	kg	*4950	*4950	*9990	*9990	*7720	6170	*5490	3960	*4360	2760	*3340	2000	2970	1610	10.27
	lb	*10910	*10910	*22020	*22020	*17020	13600	*12100	8730	*9610	6080	*7360	4410	6550	3550	(33.7)
-1.5 m (-5.0 ft)	kg	*7060	*7060	*10980	*10980	*8560	5860	*6070	3750	*4710	2640	*2240	1950	3220	1760	9.75
	lb	*15560	*15560	*24210	*24210	*18870	12920	*13380	8270	*10380	5820	*4940	4300	7100	3880	(32.0)
-3.0 m (-10.0 ft)	kg	*9410	*9410	*13520	11550	*8760	5760	*6270	3670	4750	2600			*3650	2080	8.91
	lb	*20750	*20750	*29810	25460	*19310	12700	*13820	8090	10470	5730			*8050	4590	(29.2)
-4.5 m (-15.0 ft)	kg	*12210	*12210	*12480	11790	*8250	5830	*5920	3720					*3770	2770	7.62
	lb	*26920	*26920	*27510	25990	*18190	12850	*13050	8200					*8310	6110	(25.0)
6.0 m (20.0 ft)	kg															
	lb															

• Boom : 5.68m (18' 8") • Arm : 2.0 m (6' 7") • Bucket : 0.92 m³ (1.20 yd³) SAE heaped • Shoe : 800mm(32") triple grouser with 3,800kg (8,380 lb) 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
	Rating over-front	Rating over-side or 360 degree	Rating over-front	Rating over-side or 360 degree	Rating over-front						

