

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 (4,600kg, 10,140lb)
Track shoes (600mm, 24")
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
5.85 m, 19' 2"
5.85 m, 19' 2" Heavy duty
Arms
2.1 m, 6' 11"
2.5 m, 8' 2"
3.05 m, 10' 0"
3.6 m, 11' 10"
3.05 m, 10' 0" Heavy duty
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 (700mm, 28")
Triple grousers shoe (800mm, 32")
Triple grousers shoe (900mm, 36")
Double grousers shoe (700mm, 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

www.hyundai-ce.com

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We build a better future

Robex

250LC-9

With Tier 3 Engine in Standard




*Photo may include optional equipment.

HYUNDAI
HEAVY INDUSTRIES CO., LTD.

Robex 250LC-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.



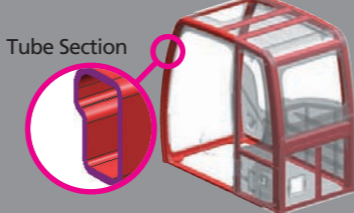
Wide Cabin with Excellent Visibility

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.



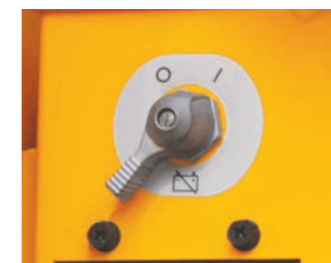
- 1 Reinforced Bucket and Bucket Linkage
Sealed and adjustable bucket linkage produces less wear of pins and bushes and offers silent operation.
- 2 Dial-Type Engine Speed Switch
- 3 Power Boost Control System



Rearview Camera (Optional)



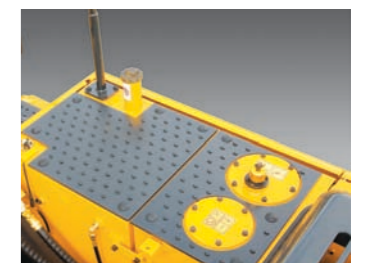
Safety Lever



Master Switch



Anti Restart System



Anti-Slip Plates

<http://thespareparts.com>

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

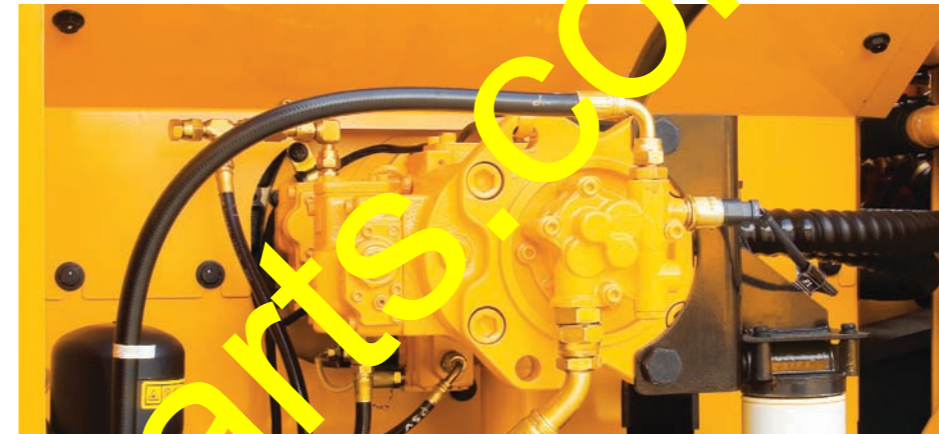


Intelligent main screen lay-out (2 layer)



- 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.

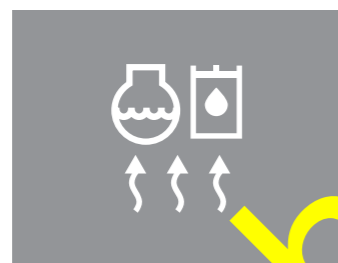
This makes it easier to troubleshoot any problems that occur.

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

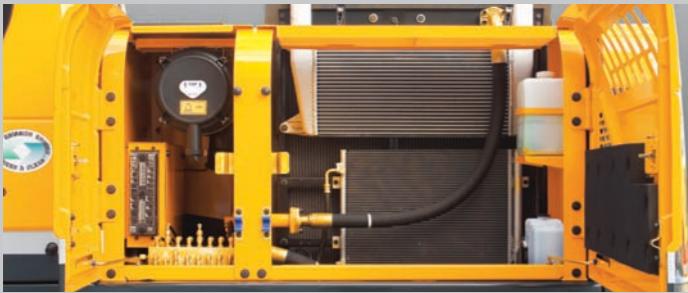
Reliability & Maintenance

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



*Photo may include optional equipment.



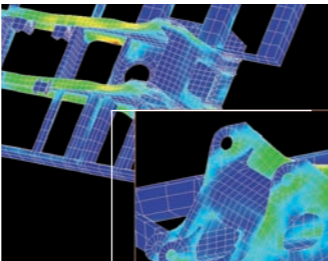
Easy to Access Electric Box



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.

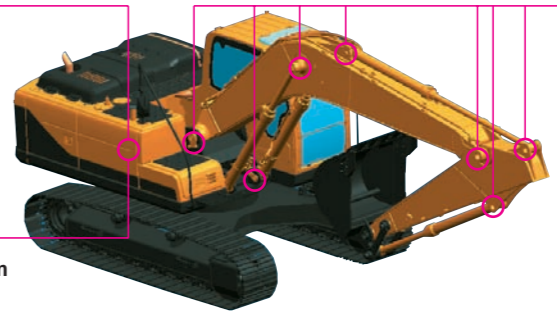
Extended Hydraulic Filter Life

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

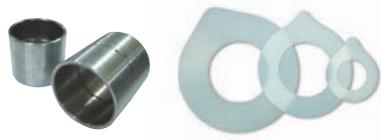


Extended Hydraulic Oil Life

(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 horse power	SAE	J1995(gross)	195 HP (146 kW)/ 1,900 rpm
		J1349 (net)	183 HP (137 kW)/ 1,900 rpm
DIN		6271/1 (gross)	198 PS (146 kW)/ 1,900 rpm
		6271/1 (net)	186 PS (137 kW)/ 1,900 rpm
Max. torque	95.0 kgf-m(687 lbf-ft)/ 1,400 rpm		
Bore X stroke	107 x 124 mm (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	330 kgf/cm ² (4,690 psi)
Power boost (boom, arm, bucket)	380 kgf/cm ² (5,404 psi)
Swing circuit	275 kgf/cm ² (3,910 psi)
Pilot circuit	40 kgf/cm ² (568 psi)
Service valve	Installed

HYDRAULIC CYLINDERS	
No. of cylinder bore X stroke	Boom: 2-135 X 1,345 mm (5.3" X 52.9")
	Arm: 1-145 X 1,620 mm (5.7" X 63.8")
	Bucket: 1-130 X 1,185 mm (5.1" X 46.7")

DRIVES & BRAKES

Drive method	Fully hydrostatic type
Drive motor	Axial piston motor, in-shoe design
Reduction system	Planetary reduction gear
Max. drawbar pull	21,600 kgf (47,600 lbf)
Max. travel speed (high / low)	5.3 km/hr (3.3 mph) / 3.3 km/hr (2.0 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	6	1.6	1.3
Final drive (each)	3.3	0.87	0.73
Hydraulic system (including tank)	285	75.3	62.7
Hydraulic tank	165	43.6	36.3

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	51
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 5,850mm (19' 2") boom, 3,050mm (10' 0") arm, SAE heaped 1.08m³ (1.41 yd³) bucket, lubricant, coolant, full fuel tank, full hydraulic tank and all standard equipments.

MAJOR COMPONENT WEIGHT	
Upperstructure	5,520 kg (12,170 lb)
Counterweight	4,600 kg (10,140 lb)
Boom (with arm cylinder)	2,460 kg (5,420 lb)
Arm (with bucket cylinder)	1,540 kg (3,400 lb)

OPERATING WEIGHT				
Shoes		Operating weight	Ground pressure	
Type	Width mm (in)	kg (lb)	kgf/cm ² (psi)	
Triple grouser	600 mm (24")	R250LC-9	25,500(56,600)	0.51(7.25)
		R250LC-9 H/W	29,650(65,370)	0.53(7.54)
	700 mm (28")	R250LC-9	25,500(56,200)	0.44(6.26)
		R250LC-9 H/W	29,620(61,770)	0.46(6.54)
	800 mm (32")	R250LC-9	25,800(56,900)	0.39(5.55)
		R250LC-9 H/W	28,400(62,610)	0.41(5.83)
Double grouser	700 mm (28")	R250LC-9 H/W	29,650(65,370)	0.49(6.97)

BUCKETS

All buckets are welded with high-strength steel.

					
SAE heaped m ³ (yd ³)	0.60 (0.78)	0.73 (0.93)	1.03 (1.35)	1.08 (1.41)	1.50 (1.96)
Capacity m ³ (yd ³)	0.60 (0.78)	0.73 (0.93)	1.03 (1.35)	1.08 (1.41)	1.50 (1.96)
Width mm (ft-in)	760 (24.9)	880 (28.9)	1,010 (33.1)	1,100 (36.1)	1,250 (41.3)
Weight kg (lb)	720 (1,590)	790 (1,740)	890 (1,960)	910 (2,000)	1,080 (2,380)
Recommendation mm (ft-in)					
5,850 (19' 2") Boom					
2,100 (6' 11") Arm		2,500 (8' 2") Arm		3,050 (10' 0") Arm	
3,600 (11' 10") Arm					
SAE heaped	CECE heaped	Without side cutters	With cutters		
0.60 (0.78)	0.55 (0.72)	760 (24.9)	880 (28.9)	●	●
0.73 (0.93)	0.70 (0.92)	880 (28.9)	1,010 (33.1)	●	●
1.03 (1.35)	0.90 (1.18)	1,010 (33.1)	1,100 (36.1)	●	■
1.08 (1.41)	0.95 (1.24)	1,100 (36.1)	1,250 (41.3)	●	▲
1.50 (1.96)	1.30 (1.70)	1,490 (48.7)	1,610 (63.4)	●	■
◆ 1.07 (1.40)	0.85 (1.12)	1,100 (36.1)	-	●	●
◆ 1.15 (1.50)	1.00 (1.31)	1,210 (47.6)	-	●	●
◆ 1.27 (1.66)	1.10 (1.44)	1,310 (51.6)	-	●	●
◆ 1.35 (1.91)	1.20 (1.67)	1,460 (57.5)	-	■	▲
● 1.16 (1.52)	1.00 (1.31)	1,340 (52.8)	-	●	■
● 1.07 (1.40)	0.85 (1.12)	1,290 (50.8)	1,410 (55.5)	●	■

◆ Heavy duty bucket

● Rock heavy duty 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

ATTACHMENT

Booms and arms are welded with a low-stress, full-box section design. 5.85m Boom and 2.1m, 2.5m, 3.05m & 3.6m Arms are available.

DIGGING FORCE

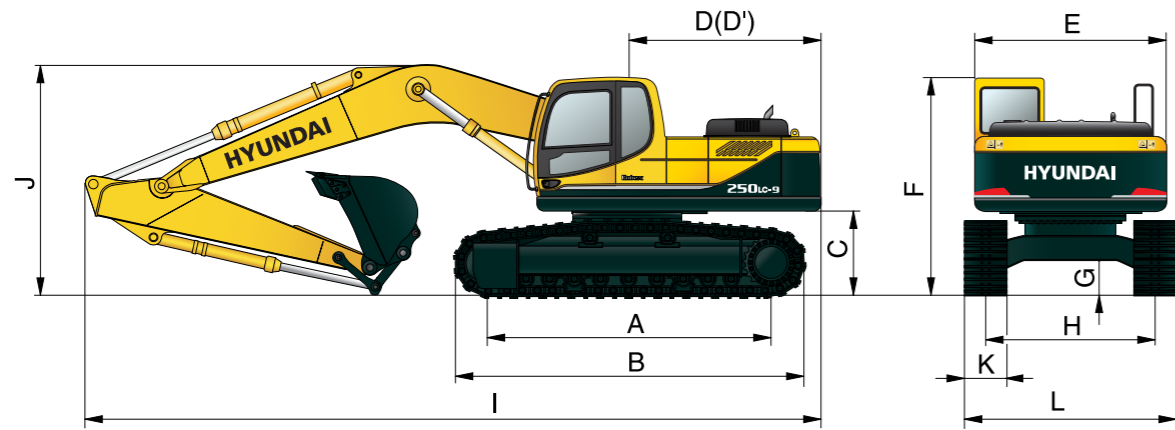
Boom	Length	mm(ft-in)	5,850 (19' 2")				Remark
	Weight	kg(lb)	2,280 (5,030)				
Arm	Length	mm(ft-in)	2,100 (6' 11")	2,500 (8' 2")	3,050 (10' 0")	3,600 (11' 10")	
	Weight	kg(lb)	1,420 (3,130)	1,450 (3,200)	1,540 (3,400)	1,600 (3,530)	
Bucket digging force	SAE	kN	154 [167.2]	154 [167.2]	154 [167.2]	154 [167.2]	
		kgf	15700 [17080]	15700 [17080]	15700 [17080]	15700 [17080]	
		lbf	34610 [37580]	34610 [37580]	34610 [37580]	34610 [37580]	
	ISO	kN	175.5 [190.6]	175.5 [190.6]	175.5 [190.6]	175.5 [190.6]	
		kgf	17900 [19430]	17900 [19430]	17900 [19430]	17900 [19430]	
		lbf	39460 [42840]	39460 [42840]	39460 [42840]	39460 [42840]	
Arm crowd force	SAE	kN	134.4 [145.9]	128.5 [139.5]	114.7 [124.6]	103.0 [111.8]	[]: Power Boost
		kgf	13700 [14870]	13100 [14220]	11700 [12700]	10500 [11400]	
		lbf	30200 [32790]	28880 [31360]	25790 [28000]	23150 [25130]	
	ISO	kN	139.3 [151.2]	133.4 [144.8]	118.7 [128.8]	106.9 [116.1]	
		kgf	14200 [15420]	13600 [14770]	12100 [13100]	10900 [11830]	
		lbf	31310 [33990]	29980 [32550]	26680 [28970]	24030 [26090]	

Note: Boom weight includes arm cylinder, piping, and pin

Arm weight includes bucket cylinder, linkage, and pin

Dimensions & Working Range

R250LC-9 / R250NLC-9 DIMENSIONS

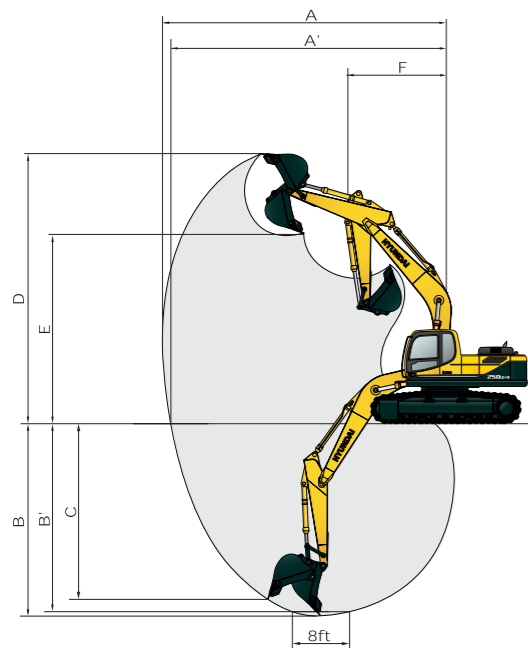


Unit : mm (ft · in)

A Tumbler distance	R250LC-9	3,830 (12' 7")
	R250NLC-9	3,830 (12' 7")
B Overall length of crawler		4,640 (15' 3")
C Ground clearance of counterweight		1,115 (3' 8")
D Tail swing radius		2,975 (9' 9")
D' Rear-end length		2,870 (9' 5")
E Overall width of upperstructure		2,840 (9' 4")
F Overall height of cab		2,990 (9' 10")
G Min. ground clearance		480 (1' 7")
H Track gauge	R250LC-9	2,580 (8' 6")
	R250NLC-9	2,380 (7' 10")

Boom length	5,850 (19' 2")			
Arm length	2,100 (6' 11")	2,500 (8' 2")	3,050 (10' 0")	3,600 (11' 10")
I Overall length	10,050 (33' 0")	10,000 (32' 10")	9,920 (32' 7")	9,910 (32' 6")
J Overall height of boom	3,530 (11' 7")	3,590 (11' 9")	3,220 (10' 7")	3,590 (11' 9")
K Track shoe width	600 (24")	700 (28")	800 (32")	900 (36")
L Overall width	R250LC-9	3,180 (10' 5")	3,280 (10' 9")	3,380 (11' 1")
	R250NLC-9	2,980 (9' 9")	-	-

R250LC-9 / R250NLC-9 WORKING RANGE

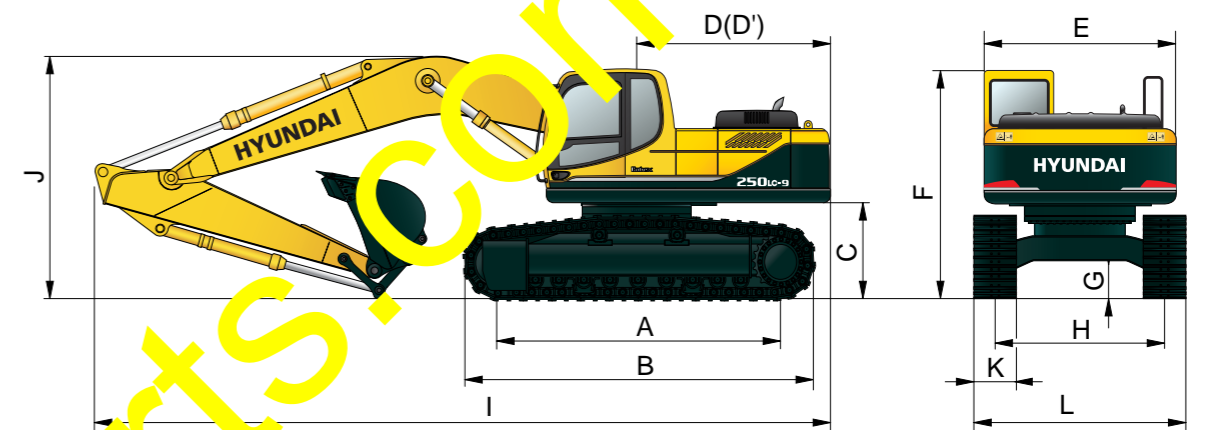


Unit : mm (ft · in)

Boom length	5,850 (19' 2")			
Arm length	2,100 (6' 11")	2,500 (8' 2")	3,050 (10' 0")	3,600 (11' 10")
A Max. digging reach	9,550 (31' 4")	9,870 (32' 5")	10,360 (34' 0")	10,870 (35' 8")
A' Max. digging reach on ground	9,360 (30' 9")	9,680 (31' 9")	10,190 (33' 5")	10,700 (35' 1")
B Max. digging depth	6,050 (19' 10")	6,420 (21' 2")	7,000 (22' 10")	7,550 (24' 9")
B' Max. digging depth (8' level)	5,840 (19' 2")	6,150 (20' 2")	6,830 (22' 5")	7,400 (24' 3")
C Max. vertical wall digging depth	5,480 (18' 0")	5,640 (18' 6")	6,150 (20' 2")	6,830 (22' 5")
D Max. digging height	9,450 (31' 0")	9,760 (31' 9")	10,360 (34' 0")	10,870 (35' 8")
E Max. dumping height	6,360 (20' 10")	6,420 (21' 1")	6,630 (21' 9")	6,860 (22' 6")
F Min. swing radius	4,140 (13' 7")	4,200 (13' 9")	3,980 (13' 1")	3,900 (12' 10")

Dimensions & Working Range

R250LC-9 HIGH WALKER DIMENSIONS



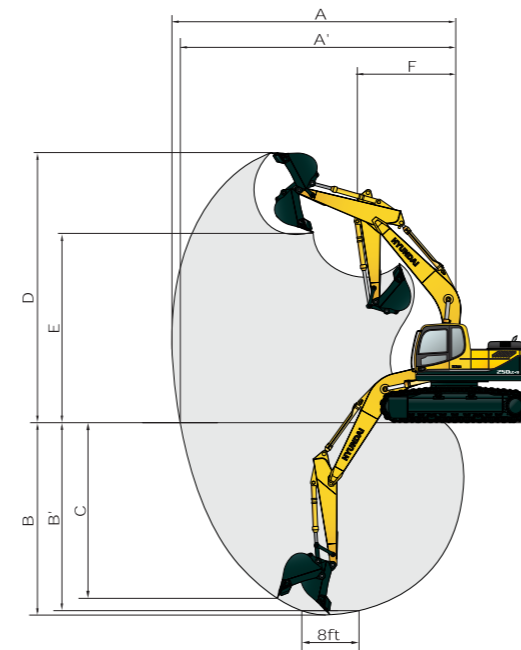
Unit : mm (ft · in)

A Tumbler distance	4,030 (13' 3")
B Overall length of crawler	4,940 (16' 2")
C Ground clearance of counterweight	1,470 (4' 10")
D Tail swing radius	2,975 (9' 9")
D' Rear-end length	2,870 (9' 5")
E Overall width of upperstructure	2,840 (9' 4")
F Overall height of cab	3,345 (11' 0")
G Min. ground clearance	765 (2' 6")
H Track gauge	2,790 (9' 2")

Boom length	5,850 (19' 2")			
Arm length	2,100 (6' 11")	2,500 (8' 2")	3,050 (10' 0")	3,600 (11' 10")
I Overall length	10,060 (33' 0")	9,970 (32' 9")	9,760 (32' 0")	9,930 (32' 7")
J Overall height of boom	3,610 (11' 10")	3,750 (12' 4")	3,240 (10' 8")	3,620 (11' 11")
K Track shoe width	Type	Triple grouser		
	Width	600 (24")	700 (28")	800 (32")
L Overall width	Double grouser	700 (28")		
	Width	3,390 (11' 1")	3,490 (11' 5")	3,590 (11' 9")

R250LC-9 HIGH WALKER WORKING RANGE

Unit : mm (ft · in)



Boom length	5,850 (19' 2")			
Arm length	2,100 (6' 11")	2,500 (8' 2")	3,050 (10' 0")	3,600 (11' 10")
A Max. digging reach	9,550 (31' 4")	9,870 (32' 5")	10,360 (34' 0")	10,870 (35' 8")
A' Max. digging reach on ground	9,280 (30' 5")	9,160 (31' 6")	10,110 (33' 2")	10,360 (34' 11")
B Max. digging depth	5,680 (18' 8")	6,080 (19' 11")	6,630 (21' 9")	7,180 (23' 7")
B' Max. digging depth (8' level)	5,470 (17' 11")	5,890 (19' 4")	6,460 (21' 2")	7,030 (23' 1")
C Max. vertical wall digging depth	5,120 (16' 10")	5,300 (17' 5")	5,790 (19' 0")	6,470 (21' 3")
D Max. digging height	9,820 (32' 3")	9,840 (32' 3")	10,040 (32' 11")	10,280 (33' 9")
E Max. dumping height	6,730 (22' 1")	6,790 (22' 3")	7,000 (23' 0")	7,220 (23' 8")
F Min. swing radius	4,140 (13' 7")	4,030 (13' 3")	3,940 (12' 11")	3,900 (12' 10")

Lifting Capacity

R250NLC-9

Rating over-front Rating over-side or 360 degree

Boom : 5.85m (19' 2") / Arm : 3.05 m (10' 0") / Bucket : 1.08 m³ (1.41 yd³) SAE heaped / Shoe : 600mm (24") triple grouser with 4,600kg (10,140 lb) Counterweight

Load point height m(ft)		Load radius										At max. reach					
		1.5 m (5.0ft)		3.0 m (10.0ft)		4.5 m (15.0ft)		6.0 m (20.0ft)		7.5 m (25.0ft)		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	m (ft)			
6.0 m (20.0 ft)	kg																
	lb																
4.5 m (15.0 ft)	kg							*5350	5230	*5060	3440	3860	2020	9.74			
	lb							*11790	11530	*11160	7580	8510	4450	(32.0)			
3.0 m (10.0 ft)	kg			*13640	*13640	*8400	7780	*6540	4830	*5660	3240	3610	1840	9.98			
	lb			*30070	*30070	*18520	17150	*14420	10650	*12480	7140	7960	4060	(32.7)			
1.5 m (5.0 ft)	kg			*9450	*9450	*10870	6940	*7820	4420	5720	3030	3560	1790	9.95			
	lb			*20830	*20830	*23960	15300	*17240	9740	12610	6680	7850	3950	(32.6)			
Ground Line	kg			*10570	*10570	*12490	6430	7980	4120	5530	2850	3710	1860	9.65			
	lb			*23300	*23300	*27540	14180	17590	9080	12190	6280	8180	4100	(31.7)			
-1.5 m (-5.0 ft)	kg	*9940	*9940	*13870	12620	12870	6250	7790	3960	5430	2760	4130	2100	9.05			
	lb	*21910	*21910	*30580	27820	28370	13780	17170	8730	11970	6080	9110	4630	(29.7)			
-3.0 m (-10.0 ft)	kg	*13540	*13540	*18430	12840	*12780	6270	7780	3950			5060	2640	8.06			
	lb	*29850	*29850	*40630	28310	*28180	13820	17150	8710			11160	5820	(26.4)			
-4.5 m (-15.0 ft)	kg	*17830	*17830	*16580	13290	*11360	6490	7980	4120			*5940	4010	6.48			
	lb	*39310	*39310	*36550	29300	*25040	14310	17590	9080			*13100	8840	(21.3)			

Boom : 5.85m (19' 2") / Arm : 3.60 m (11' 10") / Bucket : 1.08 m³ (1.41 yd³) SAE heaped / Shoe : 600mm (24") triple grouser with 4,600kg (10,140 lb) Counterweight

Load point height m(ft)		Load radius										At max. reach					
		1.5 m (5.0ft)		3.0 m (10.0ft)		4.5 m (15.0ft)		6.0 m (20.0ft)		7.5 m (25.0ft)		9.0 m (30.0ft)		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	m (ft)	
6.0 m (20.0 ft)	kg																
	lb																
4.5 m (15.0 ft)	kg																
	lb																
3.0 m (10.0 ft)	kg																
	lb																
1.5 m (5.0 ft)	kg			*12610	*12610	*9960	7160	*7260	4510	5760	3060	4180	2130	3240	1580	10.46	
	lb			*27800	*27800	*21960	15790	*16010	9940	12700	6750	9220	4700	7140	3480	(34.3)	
Ground Line	kg			*11020	*11020	*11930	6540	8030	4160	5540	2860	4070	2030	3360	1640	10.18	
	lb			*24290	*24290	*26300	14420	17700	9170	12210	6310	8970	4480	7410	3620	(33.4)	
-1.5 m (-5.0 ft)	kg	*9010	*9010	*13200	12560	12890	6250	7790	3950	5400	2730			3690	1830	9.62	
	lb	*19860	*19860	*29100	27690	28420	13780	17170	8710	11900	6020			8140	4030	(28.6)	
-3.0 m (-10.0 ft)	kg	*12120	*12120	*16820	12660	12820	6190	7710	3880	5370	2700			4390	2240	8.71	
	lb	*26720	*26720	*37080	27910	28260	13650	17000	8550	11840	5950			9680	4940	(28.6)	
-4.5 m (-15.0 ft)	kg	*15830	*15830	*17940	13010	*12020	6330	7820	3970					*5790	3100	7.00	
	lb	*34900	*34900	*39550	28680	*26500	13960	17240	8750					*12760	6030	(24.1)	

R250LC-9 HIGH WALKER

Rating over-front Rating over-side or 360 degree

Boom : 5.85m (19' 2") / Arm : 2.10 m (6' 11") / Bucket : 1.08 m³ (1.41 yd³) SAE heaped / Shoe : 600mm (24") triple grouser with 4,600kg (10,140 lb) Counterweight

Load point height m(ft)		Load radius										At max. reach				
		3.0 m (10.0ft)		4.5 m (15.0ft)		6.0 m (20.0ft)		7.5 m (25.0ft)		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	m (ft)				
6.0 m (20.0 ft)	kg															
	lb															
4.5 m (15.0 ft)	kg															
	lb															
3.0 m (10.0 ft)	kg															
	lb															
1.5 m (5.0 ft)	kg			*12610	9280	*8890	5970	4210	2040	5080	3120	3120	9.09			
	lb			*27800	20460	*19600	13160	15080	7800	11200	6880	6880	(29.8)			
Ground Line	kg			*13240	9080	*9480	5790	6740	4120	5450	3360	3360	8.68			
	lb			*29190	20020	*20900	12760	14860	9080	12020	7410	7410	(28.5)			
-1.5 m (-5.0 ft)	kg	*17510	*17510	*12940	9100	*9460	5790	6740	4120	5450	3360	3360	7.91			
	lb	*38600	*38600	*28530	20060	*20860	12700	14860	9080	12020	7410	7410	(26.0)			
-3.0 m (-10.0 ft)	kg	*16440	*16440	*11670	9310	*8440	5920	6740	4120	5450	3360	3360	6.61			
	lb	*36240	*36240	*25730	20530	*18610	13050	14860	9080	12020	7410	7410	(21.7)			

- 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

R250LC-9 HIGH WALKER

Rating over-front Rating over-side or 360 degree

Boom : 5.85m (19' 2") / Arm : 2.50 m (8' 2") / Bucket : 1.08 m³ (1.41 yd³) SAE heaped / Shoe : 600mm (24") triple grouser with 4,600kg (10,140 lb) Counterweight

Load point height m(ft)		Load radius										At max. reach				
		1.5 m (5.0ft)		3.0 m (10.0ft)		4.5 m (15.0ft)		6.0 m (20.0ft)		7.5 m (25.0ft)		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	m (ft)		
6.0 m (20.0 ft)	kg															
	lb															
4.5 m (15.0 ft)	kg															
	lb															
3.0 m (10.0 ft)	kg															
	lb															
1.5 m (5.0 ft)	kg															
	lb															
Ground Line	kg															
	lb															
-1.5 m (-5.0 ft)	kg	*12120	*12120	*16820	12660	12820	6190	7710	3880	5370	2700			4390	2240	8.71
	lb	*26720	*26720	*37080	27910	28260	13650	17000	8550	11840	5950			9680	4940	(28.6)
-3.0 m (-10.0 ft)	kg	*14470	*14470	*18710	12660	12820	6190	7710	3880	5370	2700			4390	2240	8.71
	lb	*31900	*31900	*41250	27910	28260	13650	17000	8550	11840	5950			9680	4940	(28.6)
-4.5 m (-15.0 ft)	kg	*16850	*16850	*17220	12660	12820	6190	7710	3880	5370	2700			4390	2240	8.71
	lb	*37150	*37150	*37960	27910	28260	13650	17000	8550	11840	5950			9680	4940	(28.6)

Boom : 5.85m (19' 2") / Arm : 3.60 m (11' 10") / Bucket : 1.08 m³ (1.41 yd³) SAE heaped / Shoe : 600mm (24") triple grouser with 4,600kg (10,140 lb) Counterweight

Load point height m(ft)		Load radius										At max. reach				
		1.5 m (5.0ft)		3.0 m (10.0ft)		4.5 m (15.0ft)		6.0 m (20.0ft)		7.5 m (25.0ft)		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	m (ft)		
6.0 m (20.0 ft)	kg															
	lb															
4.5 m (15.0 ft)	kg															
	lb															
3.0 m (10.0 ft)	kg															
	lb															
1.5 m (5.0 ft)	kg															
	lb															
Ground Line	kg															
	lb															
-1.5 m (-5.0 ft)	kg	*10760	*10760	*14820	12660	12820	6190	7710	3880	5370	2700			4390	2240	8.71
	lb	*23720	*23720	*32670	27910	28260	13650	17000	8550	11840	5950			9680	4940	(28.6)
-3.0 m (-10.0 ft)	kg	*14470	*14470	*18710	12660	12820	6190	7710	3880	5370	2700			4390	2240	8.71
	lb	*31900	*31900	*41250	27910	28260	13650	17000	8550	11840	5950			9680	4940	(28.6)
-4.5 m (-15.0 ft)	kg	*15670	*15670	*15670	12660	12820	6190	7710	3880	5370	2700			4390	2240	8.71
	lb	*34550	*34550	*34550	27910	28260	13650	17000	8550	11840	5950					