

We build a better future

Robex 800LC-9

Equipped with Tier 3 Engine



*Photo may include optional equipment.

Pleasure works

An operator, who takes pleasure in his work, does a better job. That is why we at Hyundai Heavy Industries do everything we can to make that happen. We merged operator preference, fast precision and lasting performance into a quality product. Hyundai 9 series earthmoving equipment simply makes time fly, makes pleasure work!



*Photo may include optional equipment.

Robex 800LC-9

Machine Walk-Around

Engine Technology

Powerful and reliable, fuel efficient Cummins Tier III QSX15 engine.
Electronical controlled, clean and efficient combustion.
Low noise / Auto engine overheat prevention / Anti-restart function.

Hydraulic System Improvements

New patented hydraulic system for maximum controllability / Improved main control valve for higher efficiency and smoother operation / Auto boom vs. swing priority system for maximum speed / Auto power boost for extra power / Improved arm & boom regeneration for higher speed and better efficiency.

Pump Compartment

Powerful and reliable axial piston pumps, designed by Kawasaki.
Compact solenoid block to control: 2 speed travel, power boost, boom priority and safety lock.

Enhanced Operators' Cabin

Improved Visibility

Enlarged cabin with improved visibility / See-through sunroof for visibility and ventilation.
Large right-side window, for better visibility on foot of boom.
All windows consist of Safety glass.
Roll-up type sun visor for operators' convenience / Reduced front window seam for improved operator view.

Rigid Cabin Construction

New steel tube construction for increased operator safety, higher protection and better durability.
New front window mechanism designed with spring assist.

Improved Seat & Console

Ergonomic joysticks equipped with auxiliary buttons for attachment use.
Standard mechanic suspension with heater or optional air suspension.
New joystick consoles - adjustable in height.
Adjustable arm rests - for optimum comfort.

Advanced 7" Color Cluster

New Color LCD Display with digital gauges for hydraulic oil temperature, coolant temperature and fuel level.
Toggle switch makes it easier to tune your machine and to check diagnostics.
A new developed rear-view camera is integrated into the cluster.
3 power modes : Power / Standard / Economy,
User mode for saving operators' preferences.
Enhanced self-diagnostic features with remote access through the Hi-Mate system.
Anti-theft system with password entry.
Boom speed and arm regeneration can be adjusted through the cluster.
Auto power boost in Power-mode - activated through the cluster.
Air conditioning and heater with automatic climate control.
Hi-Mate (Remote Management System) enables machine owners to follow-up machine performance, to verify machine location and to access diagnostic information on a distance through any internet connection.

Robust Undercarriage

Track chain with urethane seals / Full track rail guard (optional) / Comfortable bolt-on steps / Large upper roller cut-outs / Grease-type track adjusters.



Preference

An operator, who sets his machine to his needs, takes pleasure in his work. 9 Series respects operator preference with regards to comfort, ease-of-use and controllability. The dashboard cluster with 7 inch screen and toggle switch is the preference nerve centre.



*Photo may include optional equipment.



Spacious Cabin with Excellent Visibility

The spacious cabin is ergonomically designed with low noise levels and high visibility. Special attention was paid to create a clear, open and convenient interior with excellent visibility in all directions. This well balanced operators' environment put the operator in the perfect position to work safely and securely.

Operator Comfort

In a 9 series cabin you can adjust the seat, console and armrests to suit your preferred comfort level. Seat and console can be adjusted in position and height together and independent from each other. A fully automatic, high capacity air conditioning system maintains a constant temperature.



Stressless

Work is stressful enough; your working environment should be stressless. Hyundai's 9 series provides improved cabin interior, additional space and a comfortable seat to minimize the stress of the operator. A powerful climate control system provides the operator with his preferred air temperature. An advanced audio system with AM/FM stereo and MP3 capabilities, plus remote controls is installed to listen to your preferred music favorites. Operators can even call while operating with the hands-free mobile phone feature.



Easy to Use Cluster

The advanced cluster with 7 inch wide color LCD screen and toggle switch allows the operator to select his personal machine preferences. Power mode selection, self diagnostics, rear-view camera, maintenance check lists, start-up machine security and video functions are integrated into the cluster to make the machine more versatile and the operator more productive.



Precision

An operator, who feels his machine respond smoothly, takes pleasure in his work. 9 Series delivers fast precision by combining smoother hydraulics with wider view and less stress. The innovative negative hydraulic system combines straightforward technology with superior response.



*Photo may include optional equipment.

Computer Aided Power

The advanced CAPO (Computer Aided Power Optimization) system tunes engine and pump power to optimum levels. Multiple mode selections are implemented for specific applications, maintaining high performance while reducing fuel consumption. Additional features include auto deceleration and power boost. The LCD-display monitors engine speed, coolant and hydraulic oil temperature and through the self-diagnostic capability, it displays current error codes. Operators can set their own preferences for boom or swing priority and power mode selection at the touch of a button.

Power Mode

Three unique power modes provide the operator with custom engine power and fuel economy. Power-mode maximizes machine speed and power for maximum productivity. Standard-mode provides a reduced, fixed rpm for optimum performance and improved fuel economy. Economy-mode provides precise flow and engine power based on load conditions, for maximum fuel efficiency and controllability.

User Mode

Some jobs require more precise machine settings; some operators prefer different machine settings. Using the User-mode, the operator can customize engine speed, pump output, idle speed and other machine settings according to personal preferences.

Hydraulic System Improvements



To achieve optimum precision, Hyundai redesigned the hydraulic system to provide the operator with super fine touch and top level controllability. Spool valves in the control valve are engineered to provide more precise flow to each function with less effort.

Improved hydraulic valves, variable volume piston pumps, fine-touch pilot controls and enhanced travel functions make any operator look like a smooth operator. Newly improved features include arm and boom

regeneration, enhanced control valve technology and innovative auto boom and swing priority for best performances in any application.



Auto Boom vs. Swing Priority

This smart function adapts the ideal hydraulic flow balance for the boom and swing operation for your application. The advanced CAPO system monitors the hydraulic operations and adjusts the balance to maximize performance and productivity.

Performance

An operator, who can rely on his machine, takes pleasure in his work. 9 Series stands for lasting performance in strength, speed and reliability. The Auto boom-swing priority results into faster movements and shorter cycle times.

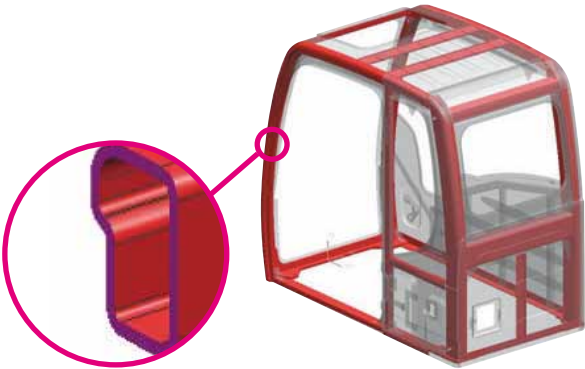


*Photo may include optional equipment.



Track Rail Guard & Adjusters

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



Structural Strength

The 9 series cabin structure is designed with slimmer but stronger tubing for more safety and better visibility. Low-stress and high-strength steel is welded to form a strong and stable lower frame. Structural durability is analyzed and tested by FEM-analysis (Finite Elements Method) and long-term durability tests.

CUMMINS QSX15 Engine

The Tier III compliant, six cylinder, turbo-charged, 4 cycle, water cooled, Cummins QSX15 diesel engine is built for power, reliability, efficiency and reduced emissions.

Heavy-duty strength

The QSX15 features dual overhead cams for superior performance. The first cam drives up to 30,000 psi (2,000 bar) of fuel injection for cleaner, more powerful combustion. The second cam operates the intake and exhaust valves, with a separate set of lobes specifically designed to operate the optional interbrake,™ capable of up to 400hp (298kW). Improved power cylinder components provide up to 40% longer life before cylinder wear out. A patented wastegated turbo with variable step settings delivers maximum performance at high speeds and increased airflow at lower speed for improved response.



Profitability

An owner, who knows his machine saves money, takes pleasure in owning it. 9 Series excavators contribute to your business as a time, fuel, spare-part and cost saving earthmoving solution. The Remote Management System allows machine owners to track, monitor and manage at a distance.



*Photo may include optional equipment.

Easy Access

Concentrated engine filters, remote type fuel pre-filter and a central grease system, combined with wide open compartments makes servicing the 9-series a pleasure for your mechanics.

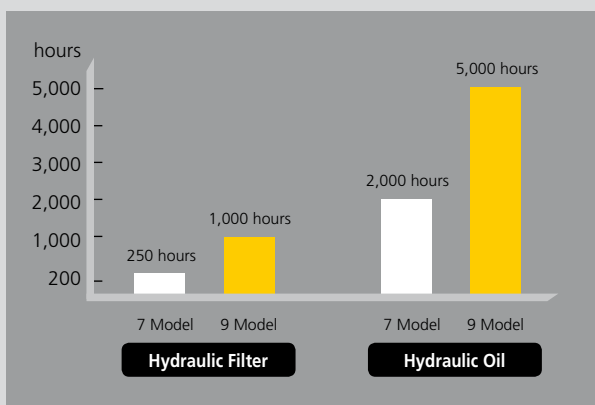


Hi-mate (Remote Management System)

Hi-mate, Hyundai's newly developed remote management system, using GPS-satellite technology, provides our customers with the highest level of service and product support. Hi-mate enables machine owners to follow-up machine performance, to verify machine location and to access diagnostic information on a distance through any internet connection.

Enhanced Safety

Variable cabin guards offer enhanced operator safety. Additional working lamps on the cab improves operator convenience at night time. Wide cat-walks, large handrails and anti-slip plates provide easy and safe access to the cab and during maintenance.



Extended Life of Components

New long-life bushings are designed for extended lube intervals. Wear-resistant polymer shims reduce noise and reduce wear of bushings. Extended-life hydraulic filters last up to 1,000 hrs and new long-life hydraulic oil need only be changed every 5,000 hrs.

Specifications

ENGINE

MODEL	CUMMINS QSX15		
Type	Water-cooled, 4-cycle Diesel, 6-Cylinder in-line, Direct injection, Turbocharged, Charger air cooled, Low emission		
Rated flywheel horse power	SAE	J1995 (gross)	510 HP (380 kW) / 1,800 rpm
		J1349 (net)	490 HP (366 kW) / 1,800 rpm
	DIN	6271/1 (gross)	517 PS (380 kW) / 1,800 rpm
		6271/1 (net)	497 PS (366 kW) / 1,800 rpm
Max. torque	241.1kgf.m (1,744lbf.ft) / 1,400rpm		
Bore X stroke	137mm X 169mm (5.39" X 6.65")		
Piston displacement	15,000cc (915 in ³)		
Batteries	4 X 12V X 160AH		
Starting motor	24V, 9.0kW		
Alternator	24V, 100Amp		

HYDRAULIC SYSTEM

MAIN PUMP	
Type	Variable displacement axis piston pumps
Max. flow	2 X 504 L/min (133.1 US gpm / 110.9 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/cm ² (4,690 psi)
Travel	350 kgf/cm ² (4,980 psi)
Power boost (boom, arm, bucket)	360 kgf/cm ² (5,120 psi)
Swing circuit	290 kgf/cm ² (4,120 psi)
Pilot circuit	40 kgf/cm ² (569 psi)
Service valve	Installed

HYDRAULIC CYLINDERS

No. of cylinder-bore x stroke	Boom : 2-200 x 1,892 mm
	Arm : 1-215 x 2,250 mm
	Bucket (A) : 1-200 x 1,593 mm
	Bucket (B) : 1-215 x 1,593 mm

*Bucket (A) : Boom (8,050mm/8,200mm) + Arm (3,400mm/3,600mm)
 Bucket (B) : Boom (7,200mm) + Arm (2,950mm)

DRIVES & BRAKES

Drive method	Fully hydrostatic type
Drive motor	Axial piston motor, in-shoe design
Reduction system	Planetary reduction gear
Max. drawbar pull	59,300 kgf (130,730 lbf)
Max. travel speed (high) / (low)	4.0 km/hr (2.5 mph) / 2.6 km/hr (1.6 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

SWING SYSTEM

Swing motor	Axial piston motor
Swing reduction	Planetary gear reduction
Swing bearing lubrication	Grease-bathed
Swing brake	Multi wet disc
Swing speed	6.5 rpm

COOLANT & LUBRICANT CAPACITY

Refilling	liter
Fuel tank	940.0
Engine coolant	59.0
Engine oil	43.5
Swing device - gear oil	8.0
Final drive (each) - gear oil	20.0
Hydraulic system (including tank)	800.0
Hydraulic tank	450.0

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	3
No. of track rollers on each side	9
No. of rail guards on each side	2

OPERATING WEIGHT (APPROXIMATE)

Operating weight, including 7,200mm (23' 7") boom, 2,950mm (9' 8") arm, SAE heaped 4.53m³ (5.93 yd³) bucket, lubricant, coolant, full fuel tank, full hydraulic tank, and all standard equipments.

MAJOR COMPONENT WEIGHT

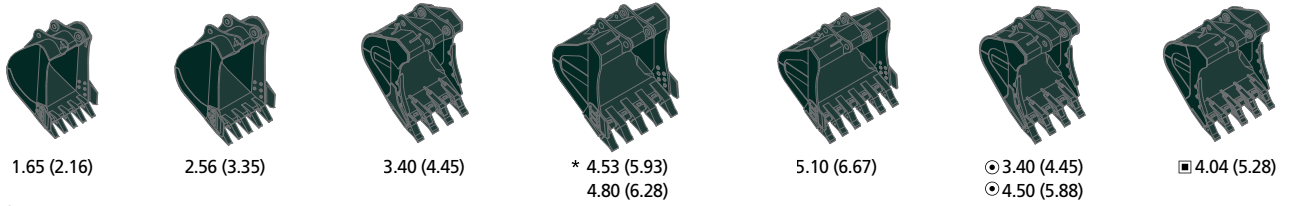
Upperstructure	37,510kg (82,700lb)
Counterweight	12,500kg (27,560lb)
Boom (with arm cylinder)	7,690kg (16,954lb)

OPERATING WEIGHT

Shoes		Operating weight	Ground pressure
Type	Width mm (in)	kg (lb)	kgf/cm ² (psi)
Double grouser	700 mm (28")	83,120 (183,250)	1.08 (15.36)
	800 mm (32")	83,570 (184,240)	0.95 (13.51)
	900 mm (35")	84,380 (186,030)	0.85 (12.09)

BUCKETS

All buckets are welded with high-strength steel.



SAE heaped m³ (yd³)

Capacity m ³ (yd ³)		Width mm (in)		Weight kg (lb)	Recommendation m (ft-in)				
SAE heaped	CECE heaped	Without sidecutters	With sidecutters		7,200 (23' 7") Boom	8,050 (26' 5") Boom	8,200 (26' 11") Boom	10,500 (34' 5") Boom	11,300 (37' 1") Boom
					2,950 (9' 8") Arm	3,400 (11' 2") Arm	3,600 (11' 10") Arm	6,500 (21' 4") Arm	8,000 (26' 3") Arm
1.65 (2.16)	1.48 (1.94)	1,140 (44.9")	1,290 (50.8")	1,520 (3,350)	—	—	—	■	▲
2.56 (3.35)	2.27 (2.97)	1,635 (64.4")	1,785 (70.3")	1,870 (4,120)	—	—	—	▲	—
3.40 (4.45)	3.00 (3.92)	1,615 (63.6")	1,775 (69.9")	3,550 (7,830)	●	●	■	—	—
* 4.53 (5.93)	3.95 (5.17)	2,040 (80.3")	2,200 (86.6")	4,190 (9,240)	■	▲	▲	—	—
4.80 (6.28)	4.19 (5.48)	2,135 (84.1")	2,295 (90.4")	4,310 (9,490)	▲	—	—	—	—
5.10 (6.67)	4.44 (5.81)	2,245 (88.4")	2,405 (94.7")	4,560 (10,050)	▲	—	—	—	—
◎ 3.40 (4.45)	3.00 (3.92)	1,635 (64.4")	-	3,750 (8,270)	●	■	■	—	—
◎ 4.50 (5.88)	3.94 (5.15)	2,100 (82.7")	-	4,540 (10,010)	▲	—	—	—	—
▣ 4.04 (5.28)	3.48 (4.55)	2,040 (80.3")	-	3,870 (8,530)	■	■	▲	—	—

* Standard backhoe bucket

◎ Rock bucket

▣ 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 of all-welded, low-stress, full-box section design.

DIGGING FORCE

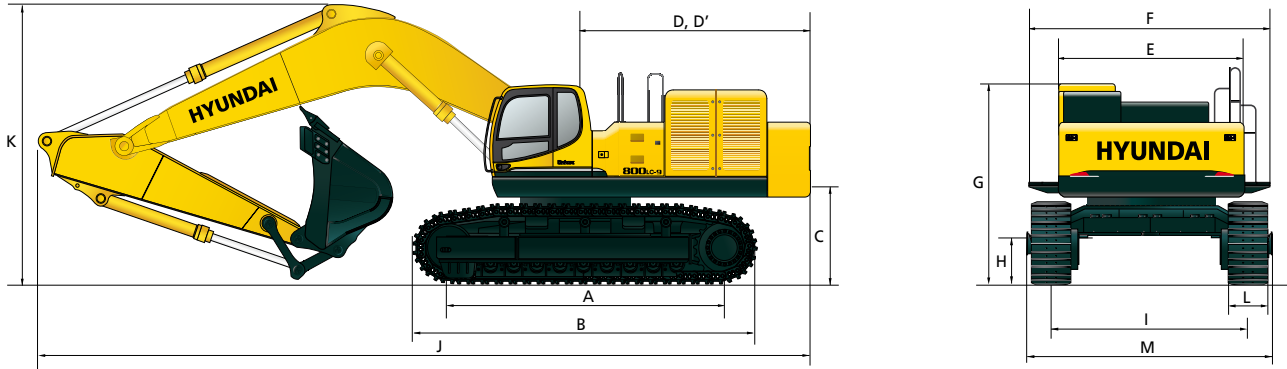
Boom	Length	mm (ft-in)	7,200 (23' 7")	8,050 (26' 5")	8,200 (26' 11")	10,500 (34' 5")	11,300 (37' 1")	Remarks
	Weight	kg (lb)	6,370 (14,043)	7,020 (15,476)	7,480 (16,491)	7,300 (16,090)	7,500 (16,530)	
Arm	Length	mm (ft-in)	2,950 (9' 8")	3,400 (11' 2")	3,600 (11' 8")	6,500 (21' 4")	8,000 (26' 3")	Remarks
	Weight	kg (lb)	2,910 (6,420)	3,070 (6,770)	3,290 (7,250)	3,600 (7,940)	3,850 (8,490)	
Bucket digging force	SAE	kN	388.3 [423.6]	336.4 [367.0]	336.4 [367.0]	248.0	248.0	[]: Power Boost
		kgf	39600 [43200]	34300 [37420]	34300 [37420]	25290	25290	
		lbf	87300 [95240]	75620 [82500]	75620 [82500]	55750	55750	
	ISO	kN	443.3 [483.6]	384.4 [419.3]	384.4 [419.3]	291.1	291.1	
		kgf	45200 [49310]	39200 [42760]	39200 [42760]	29680	29680	
		lbf	99650 [108710]	86420 [94270]	86420 [94270]	65430	65430	
Arm crowd force	SAE	kN	318.7 [347.7]	292.2 [318.8]	282.4 [308.1]	181.4	153.5	
		kgf	32500 [35460]	29800 [32510]	28800 [31420]	18500	15650	
		lbf	71650 [78180]	65670 [71670]	63490 [69270]	40790	34500	
	ISO	kN	333.4 [363.7]	305.0 [332.7]	294.2 [321.0]	186.1	156.9	
		kgf	34000 [37090]	31100 [33930]	30000 [32730]	18980	16000	
		lbf	74960 [81770]	68560 [74800]	66140 [72160]	41840	35270	

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

Arm weight includes bucket cylinder, linkage, and pin

Dimensions & Working Ranges

DIMENSIONS R800LC-9



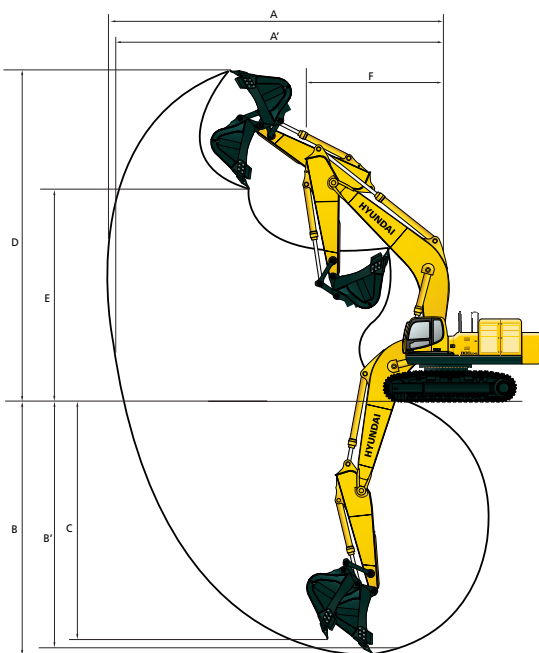
mm (ft · in)

mm (ft · in)

A Tumbler distance	5,030 (16' 6")	Boom length	7,200 (23' 7")	8,050 (26' 5")	8,200 (26' 11")	10,500 (34' 5")	11,300 (37' 1")
B Overall length of crawler	6,335 (20' 9")	Arm length	2,950 (9' 8")	3,400 (11' 2")	3,600 (11' 8")	6,500 (21' 4")	8,000 (26' 3")
C Ground clearance of counterweight	1,570 (5' 2")	J Overall length	13,100 (43' 0")	13,950 (45' 9")	14,110 (46' 4")	16,120 (52' 11")	16,500 (54' 2")
D Tail swing radius	4,315 (14' 2")	K Overall height of boom	5,040 (16' 6")	5,360 (17' 7")	5,390 (17' 8")	5,500 (18' 1")	7,020 (23' 0")
D' Rear-end length	4,200 (13' 9")	L Track shoe width	700 (28")		800 (32")	900 (35")	
E Overall width of upperstructure	3,420 (11' 3")	M Overall width	Extended	4,395 (14' 5")	4,495 (14' 9")	4,595 (15' 1")	
F Overall width with catwalk	4,290 (14' 1")		Retracted	3,675 (12' 1")	4,015 (13' 2")	4,365 (14' 3")	
G Overall height of cab	3,830 (12' 7")						
H Min. ground clearance	880 (2' 11")						
I Track gauge (Extended / Retracted)	3,500 (11' 6") / 2,780 (9' 11")						

WORKING RANGES R800LC-9

mm (ft · in)



Boom length	7,200 (23' 7")	8,050 (26' 5")	8,200 (26' 11")	10,500 (34' 5")	11,300 (37' 1")
Arm length	2,950 (9' 8")	3,400 (11' 2")	3,600 (11' 8")	6,500 (21' 4")	8,000 (26' 3")
A Max. digging reach	12,250 (40' 2")	13,420 (44' 0")	13,670 (44' 10")	18,470 (60' 7")	20,720 (67' 12")
A' Max. digging reach on ground	11,970 (39' 3")	13,160 (43' 2")	13,420 (44' 0")	18,280 (59' 12")	20,550 (67' 5")
B Max. digging depth	7,240 (23' 9")	8,450 (27' 9")	8,750 (28' 8")	13,040 (42' 9")	15,090 (49' 6")
B' Max. digging depth (8' level)	7,080 (23' 3")	8,320 (27' 4")	8,630 (28' 4")	12,940 (42' 5")	15,010 (49' 3")
C Max. vertical wall digging depth	5,670 (18' 7")	6,190 (20' 4")	6,170 (20' 3")	12,190 (39' 12")	14,320 (46' 12")
D Max. digging height	11,750 (38' 7")	11,820 (38' 9")	11,780 (38' 8")	15,050 (49' 5")	16,420 (53' 10")
E Max. dumping height	7,500 (24' 7")	7,740 (25' 5")	7,770 (25' 6")	11,680 (38' 4")	12,570 (41' 3")
F Min. front swing radius	5,120 (16' 10")	6,000 (19' 8")	6,080 (19' 11")	7,620 (25' 0")	8,080 (26' 6")

Lifting Capacities

R800LC-9



Rating over-front



Rating over-side or 360 degrees

Boom : 7.20 m (23' 7") / Arm : 2.95 m (9' 8") / Bucket : 4.53 m³ (5.93 yd³) SAE heaped / Shoe : 700 mm (28") double grouser

Load point height m (ft)	Load radius										At max. reach			
	2.0m(5 ft)		4.5m(15 ft)		6.0m(20 ft)		7.5m(25 ft)		9.0m(30 ft)		Capacity		Reach	
													m (ft)	
9.0m (30 ft)	kg													
	lb													
7.5m (25 ft)	kg													
	lb													
6.0m (20 ft)	kg													
	lb													
4.5m (15 ft)	kg													
	lb													
3.0m (10 ft)	kg													
	lb													
1.5m (5 ft)	kg													
	lb													
Ground Line	kg													
	lb													
-1.5m (-5 ft)	kg													
	lb													
-3.0m (-10 ft)	kg													
	lb													
-4.5m (-15 ft)	kg													
	lb													

Boom : 8.05 m (25' 5") / Arm : 3.40 m (11' 2") / Bucket : 3.4 m³ (4.45 yd³) SAE heaped / Shoe : 700 mm (28") double grouser

Load point height m (ft)	Load radius										At max. reach				
	3.0m(10 ft)		4.5m(15 ft)		6.0m(20 ft)		7.5m(25 ft)		9.0m(30 ft)		10.5m(35 ft)		Capacity		Reach
															m (ft)
10.5m (35 ft)	kg														
	lb														
9.0m (30 ft)	kg														
	lb														
7.5m (25 ft)	kg														
	lb														
6.0m (20 ft)	kg														
	lb														
4.5m (15 ft)	kg														
	lb														
3.0m (10 ft)	kg														
	lb														
1.5m (5 ft)	kg														
	lb														
Ground Line	kg														
	lb														
-1.5m (-5 ft)	kg														
	lb														
-3.0m (-10 ft)	kg														
	lb														
-4.5m (-15 ft)	kg														
	lb														
-6.0m (-20 ft)	kg														
	lb														

Boom : 8.20 m (26' 11") / Arm : 3.60 m (11' 8") / Bucket : 3.4 m³ (4.45 yd³) SAE heaped / Shoe : 700 mm (28") double grouser

Load point height m (ft)	Load radius										At max. reach				
	3.0m(10 ft)		4.5m(15 ft)		6.0m(20 ft)		7.5m(25 ft)		9.0m(30 ft)		10.5m(35 ft)		Capacity		Reach
															m (ft)
10.5m (35 ft)	kg														
	lb														
9.0m (30 ft)	kg														
	lb														
7.5m (25 ft)	kg														
	lb														
6.0m (20 ft)	kg														
	lb														
4.5m (15 ft)	kg														
	lb														
3.0m (10 ft)	kg														
	lb														
1.5m (5 ft)	kg														
	lb														
Ground Line	kg														
	lb														
-1.5m (-5 ft)	kg														
	lb														
-3.0m (-10 ft)	kg														
	lb														
-4.5m (-15 ft)	kg														
	lb														
-6.0m (-20 ft)	kg														
	lb														

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

Lifting Capacities

R800LC-9



Rating over-front



Rating over-side or 360 degrees

Boom : 10.50 m (34' 5") / Arm : 6.50 m (21' 4") / Bucket : 2.56 m³ (3.35 yd³) SAE heaped / Shoe : 700 mm (28") double grouser

Load point height m (ft)	Load radius														At max. reach				
	3.0m(10 ft)		4.5m(15 ft)		6.0m(20 ft)		7.5m(25 ft)		9.0m(30 ft)		10.5m(35 ft)		12.0m(40 ft)		Capacity		Reach		
																	m (ft)		
12.0m (40 ft)	kg																*6740	*6740	15.14
	lb																*14860	*14860	(49.7)
10.5m (35 ft)	kg																*6540	6250	16.01
	lb																*14420	13780	(52.5)
9.0m (30 ft)	kg																*6440	5550	16.68
	lb																*14200	12240	(54.7)
7.5m (25 ft)	kg																*6320	5040	17.19
	lb																*13930	11110	(56.4)
6.0m (20 ft)	kg													*8800	*8800	*6240	4670	17.54	
	lb													*19400	*19400	*13760	10300	(57.5)	
4.5m (15 ft)	kg									*12460	*12460	*10610	*10610	*9270	*9270	*6180	4410	17.74	
	lb									*27470	*27470	*23390	*23390	*20440	*20440	*13620	9720	(58.2)	
3.0m (10 ft)	kg					*22220	*22220	*16780	*16780	*13490	*13490	*11300	*11300	*9730	9500	*6130	4250	17.81	
	lb					*48990	*48990	*36990	*36990	*29740	*29740	*24910	*24910	*21450	20940	*13510	9370	(58.4)	
1.5m (5 ft)	kg					*23920	*23920	*18000	*18000	*14340	14310	*11880	11230	*10120	8980	*6080	4180	17.74	
	lb					*52730	*52730	*39680	*39680	*31610	31550	*26190	24760	*22310	19800	*13400	9220	(58.2)	
Ground Line	kg			*12960	*12960	*21520	*21520	*18680	17660	*14890	13460	*12280	10610	*10390	8530	*6030	4210	17.53	
	lb			*28570	*28570	*47440	*47440	*41180	38930	*32830	29670	*27070	23390	*22910	18810	*13290	9280	(57.5)	
-1.5m (-5 ft)	kg	*11860	*11860	*15180	*15180	*22180	*22180	*18800	16930	*15080	12850	*12440	10130	*10480	8170	*5940	4340	17.17	
	lb	*26150	*26150	*33470	*33470	*48900	*48900	*41450	37320	*33250	28330	*27430	22330	*23100	18010	*13100	9570	(56.3)	
-3.0m (-10 ft)	kg	*14720	*14720	*17880	*17880	*23250	*23250	*18390	16520	*14890	12470	*12310	9810	*10340	7920	*5820	4590	16.66	
	lb	*32450	*32450	*39420	*39420	*51260	*51260	*40540	36420	*32830	27490	*27140	21630	*22800	17460	*12830	10120	(54.7)	
-4.5m (-15 ft)	kg	*17670	*17670	*20980	*20980	*21760	*21760	*17490	16380	*14300	12280	*11860	9640	*9920	7790	*5610	4990	15.99	
	lb	*38960	*38960	*46250	*46250	*47970	*47970	*38560	36110	*31530	27070	*26150	21250	*21870	17170	*12370	11000	(52.5)	
-6.0m (-20 ft)	kg	*20850	*20850	*24540	*24540	*19720	*19720	*16090	*16090	*13260	12270	*11010	9620	*9110	7780	*5280	*5280	15.11	
	lb	*45970	*45970	*54100	*54100	*43480	*43480	*35470	*35470	*29230	27050	*24270	21210	*20080	17150	*11640	*11640	(49.6)	

Boom : 11.30 m (37' 1") / Arm : 8.00 m (26' 3") / Bucket : 1.65 m³ (2.16 yd³) SAE heaped / Shoe : 700 mm (28") double grouser

Load point height m (ft)	Load radius														At max. reach																				
	3.0m(10 ft)		4.5m(15 ft)		6.0m(20 ft)		7.5m(25 ft)		9.0m(30 ft)		10.5m(35 ft)		12.0m(40 ft)		13.5m(45 ft)		15.0m(50 ft)		16.5m(55 ft)		Capacity		Reach												
																							m (ft)												
15.0m (50 ft)	kg																						*5600	*5600	15.72										
	lb																							*12350	*12350	(51.6)									
13.5m (45 ft)	kg																							*5310	*5310	16.85									
	lb																							*11710	*11710	(55.3)									
12.0m (40 ft)	kg																							*1650	*1650	*5120	5090	17.76							
	lb																							*3640	*3640	*11290	11220	(58.3)							
10.5m (35 ft)	kg																							*3150	*3150	*5010	4480	18.50							
	lb																							*6940	*6940	*11050	9880	(60.7)							
9.0m (30 ft)	kg																							*5200	*5200	*4050	*4950	4010	19.08						
	lb																							*11460	*11460	*8930	*8930	*10910	8840	(62.6)					
7.5m (25 ft)	kg																							*5810	*5810	*4750	*4750	*4860	3650	19.51					
	lb																							*12810	*12810	*10470	*10470	*10710	8050	(64.0)					
6.0m (20 ft)	kg																								*6960	*6960	*6320	*6320	*5410	*5410	*4800	3380	19.82		
	lb																								*15340	*15340	*13930	*13930	*11930	*11930	*10580	7450	(65.0)		
4.5m (15 ft)	kg																								*8250	*8250	*7300	*7300	*6550	*6550	*5930	5270	*4740	3180	20.00
	lb																								*18190	*18190	*16090	*16090	*14440	*14440	*13070	11620	*10450	7010	(65.6)
3.0m (10 ft)	kg					*19950	*19950	*15140	*15140	*12170	*12170	*10170	*10170	*8730	*8730	*7640	*7640	*6780	6220	*6070	5010	*4700	3060	20.06											
	lb					*43980	*43980	*33380	*33380	*26830	*26830	*22420	*22420	*19250	*19250	*16840	*16840	*14950	13710	*13380	11050	*10360	6750	(65.8)											
1.5m (5 ft)	kg					*21870	*21870	*16430	*16430	*13060	*13060	*10790	*10790	*9170	8950	*7940	7230	*6980	5860	*6190	4750	*4660	2990	20.00											
	lb					*48220	*48220	*36220	*36220	*28790	*28790	*23790	*23790	*20220	19730	*17500	15940	*15390	12920	*13650	10470	*10270	6590	(65.6)											
Ground Line	kg			*11730	*11730	*19020	*19020	*17280	17260	*13710	13190	*11270	10400	*9510	8360	*8180	6790	*7130	5530	*6250	4520	*4620	2980	19.81											
	lb			*25860	*25860	*41930	*41930	*38100	38050	*30230	29080	*24850	22930	*20970	18430	*18030	14970	*15720	12190	*13780	9960	*10190	6570	(65.0)											
-1.5m (-5 ft)	kg	*10110	*10110	*12930	*12930	*18570	*18570	*17650	16190	*14070	12350	*11560	9760	*9720	7860	*8310	6410	*7190	5250	*6240	4310	*4560	3040	19.50											
	lb	*22290	*22290	*28510	*28510	*40940	*40940	*38910	35690	*31020	27230	*25490	21520	*21430	17330	*18320	14130	*15850	11570	*13760	9500	*10050	6700	(64.0)											
-3.0m (-10 ft)	kg	*12090	*12090	*14650	*14650	*19570	*19570	*17560	15520	*14110	11770	*11620	9280	*9760	7480	*8310	6110	*7130	5030	*6110	4160	*4480	3180	19.06											
	lb	*26650	*26650	*32300	*32300	*43140	*43140	*38710	34220	*31110	25950	*25620	20460	*21520	16490	*18320	13470	*15720	11090	*13470	9170	*9880	7010	(62.5)											
-4.5m (-15 ft)	kg	*14180	*14180	*16710	*16710	*21400	*21400	*17060	15170	*13830	11410	*11440	8960	*9610	7220	*8140	5910	*6920	4890	*5810	4070	*4360	3410	18.48											
	lb	*31260	*31260	*36840	*36840	*47180	*47180	*37610	33440	*30490	25150	*25220	19750	*21190	15920	*17950	13030	*15260	10780	*12810	8970	*9610	7520	(60.6)											
-6.0m (-20 ft)	kg	*16400	*16400	*19080	*19080	*20150	*20150	*16160	15060	*13220	11250	*10980	8800	*9220	7080	*7760	5800	*6490	4820	*5240	4080	*4180	3750	17.74											
	lb	*36160	*36160	*42060	*42060	*44420	*44420	*35630	33200	*29150	24800	*24210	19400	*20330	15610	*17110	12790	*14310	10630	*11550	8990	*9220	8270	(58.2)											
-7.5m (-25 ft)	kg	*18840	*18840	*21800	*21800	*18260	*18260	*14850	14850	*12250	11260	*10210	8780	*8530	7060	*7090	5800	*5740	4870					*3910	*3910	16.81									
	lb	*41540	*41540	*48060	*48060	*40260	*40260	*32740	*32740	*27010	24820	*22510	19360	*18810	15560	*15630	12790	*12650	10740					*8620	*8620	(55.2)									
-9.0m (-30 ft)	kg	*21570	*21570	*19580	*19580	*15840	*15840	*13060	*13060	*10860	*10860	*9040	8900	*7460	7170	*6010	5930	*4410	*4410					*3460	*3460	15.68									
	lb	*47550	*47550	*43170	*43170	*34920	*34920	*28790	*2879																										

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 (LH)
Lockable door
Hot & cool box
Storage compartment & Ashtray
Transparent cabin roof-cover
Radio & USB Player
12 volt power outlet (24V DC to 12V DC converter)
Handsfree mobile phone system with USB-charging device
Sun visor
Air-suspension seat with heater

Cabin FOPS/FOG (ISO/DIS 10262 Level II)

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

Cabin lights

Computer aided power optimization (New CAPO) system

3-power modes, 2-work modes, User mode
Auto & one-touch deceleration system
Auto warm-up system
Overheat prevention system

Automatic climate control

Full automatic temperature controller
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 filter clogging
Indicators
- Max power
- Low speed/High speed
- Fuel warmer
- Auto idle

Three outside rearview mirrors

Fully adjustable suspension seat with seat belt

Adjustable joysticks

Console box tilting system (LH.)

Six front working lights, two rear lights

Electric horn

Batteries (4 x 12V x 160 AH)

Battery master switch

Removable clean-out dust net for cooler

Automatic swing brake

Automatic fuel line deaeration

Fuel pre-filter with fuel warmer

Boom holding system

Arm holding system

Track shoes (600 mm; 24")

Track rail guard

Accumulator for lowering work equipment

Lower frame under cover

Travel alarm

OPTIONAL EQUIPMENT

Fuel filler pump (50 L/min)

Beacon lamp

Booms

8.05m, 26' 5"
8.2m, 26' 11"
10.5m, 34' 5"
11.3m, 37' 1"

Arms

3.4m, 11' 2"
3.6m, 11' 8"
6.5m, 21' 4"
8.0m, 26' 3"

Buckets

Standard bucket (4.53m³, 5.93yd³)
Narrow bucket (3.40m³, 4.45yd³)
Light duty bucket (4.80m³, 6.28yd³)
Light duty bucket (5.10m³, 6.67yd³)
Rock bucket (3.40m³, 4.45yd³)
Rock bucket (4.50m³, 5.88yd³)
Heavy duty bucket (4.04m³, 5.28yd³)
Long Reach bucket (1.65m³, 2.16yd³)
Long Reach bucket (2.56m³, 3.35yd³)

Track shoes

Double grouser shoe (800 mm; 32")
Double grouser shoe (900 mm; 35")
Full track rail guard

Rearview camera

Seat

Mechanical suspension seat
Air-suspension seat

Automatic grease system

Cabin guard - Front

Wire net
Fine net

Hi-mate (Remote Management System)

Safety lock valve for boom cylinder

Safety lock valve for arm cylinder

Single-acting piping kit

Double-acting piping kit

Quick coupler

Cabin roof-steel cover

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



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