Building a better future
Global Leader

We build a better future

Robex NEW 7A SERIES

CRAWLER EXCAVATOR Applied Tier III Engine

250LC-7A
250NLC-7A
250LC-7A High Chassis

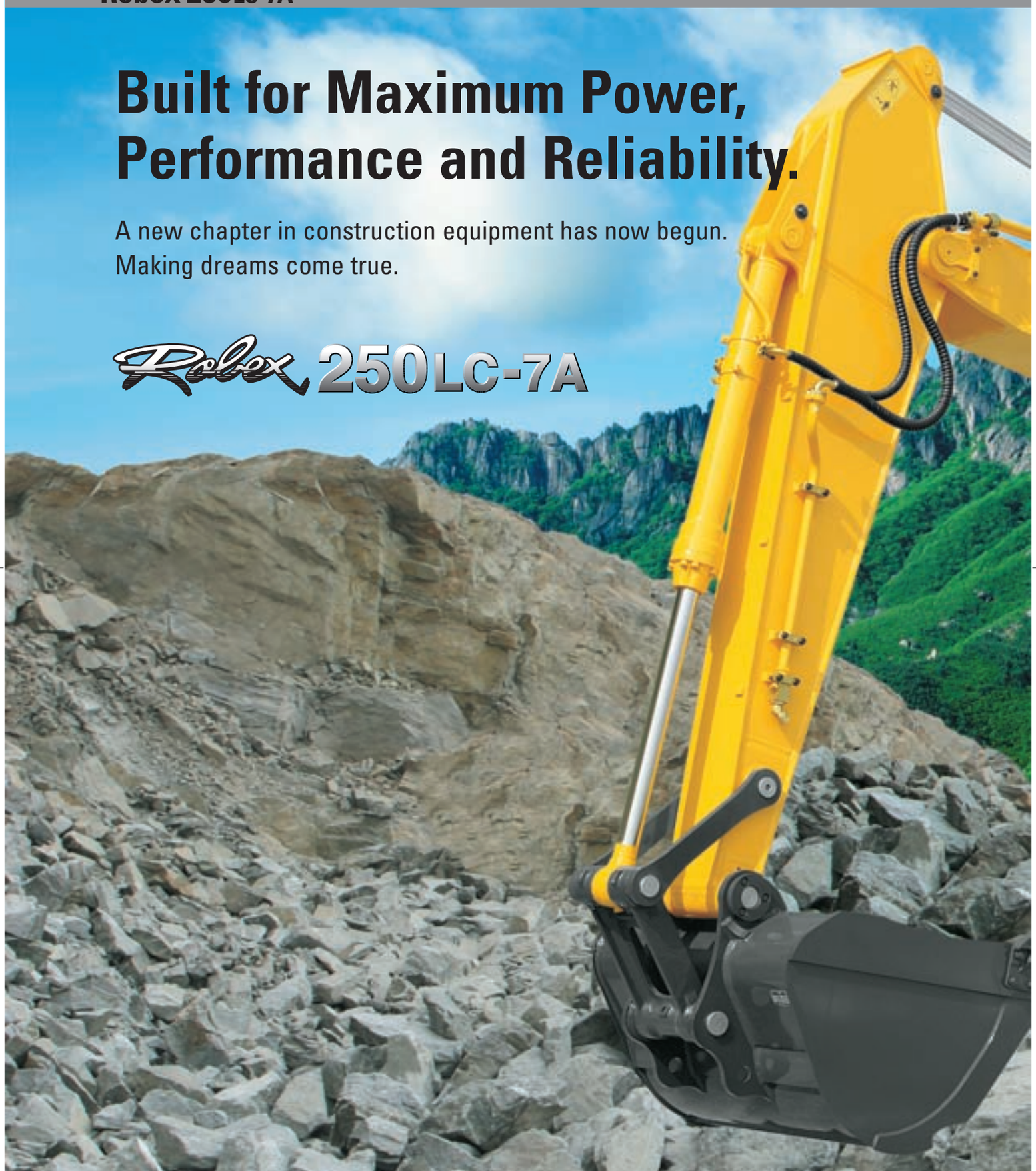
■ Photo may include optional equipment

HYUNDAI
HEAVY INDUSTRIES CO.,LTD.

Built for Maximum Power, Performance and Reliability.

A new chapter in construction equipment has now begun.
Making dreams come true.

Robex 250LC-7A



Operator's Comfort is Our Main Concern.
Wide Cab Exceeding Industry Standards.

Technology in Cab Design

Visibility
- Even better visibility than before. For safer, more efficient operation.

Excellent Ventilation
- Ventilation is improved by a larger fresh air intake system and additional air flow throughout the cab.
- Sliding front and side windows for 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 comfort for operator.
- 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 7A series was designed with low operation noise in mind.
- Hyundai's engineers made efforts 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.
- The use of an insulated engine compartment with sound-damping material also reduces noise.

1 2 3

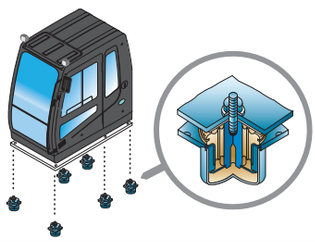
1 Wide, Comfortable Operating Space
2 Steel Cover Sunroof
3 Dial Type Engine Speed Switch and / Key Switch

Radio CD Control

Robex 250LC-7A

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.



Minimization of Shock and Vibration through Cab Mounting System

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

Operating Environment

▲ Storage box and Cup Holder

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

◀ Wide Cab with Excellent Visibility

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

Wide, Comfortable Operating Space

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

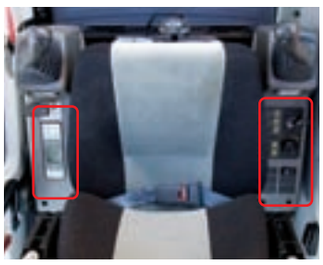
Smooth Travel Pedal and Foot Rests

Maximum Protection

Highly Sensitive Joystick and Easy Entrance

New joystick grips for precise control have been equipped with multiple switches.

Left	• Power boost • One touch deceleration • Optional (2)
Right	• Horn • Optional (3)



Easy-to-Reach Control Panels

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

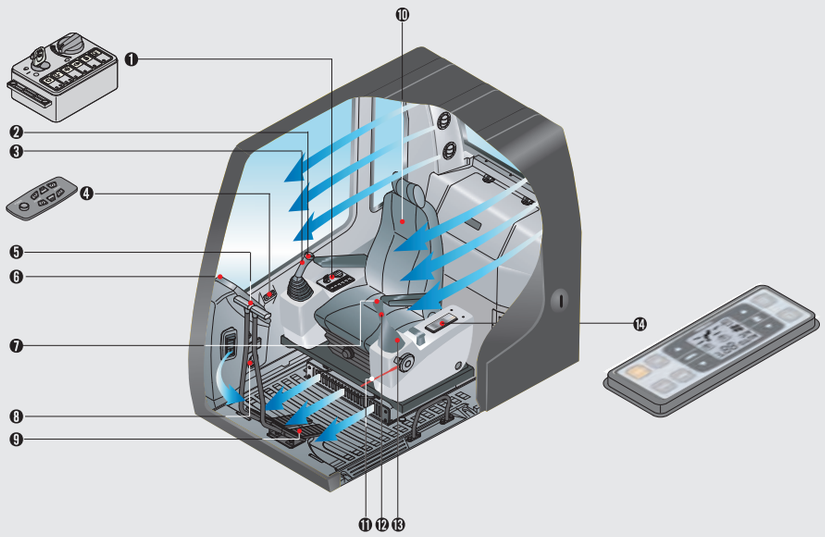
Rear Emergency Exit Window

Rear Exit Window is designed with an easy exit in emergency cases.

Raise-up Wiper and Cabin Lights

Raise-up wiper installed to enhance a better front view. Cabin Lights enhance safety by brightly lighting the surroundings in dark environments (optional).

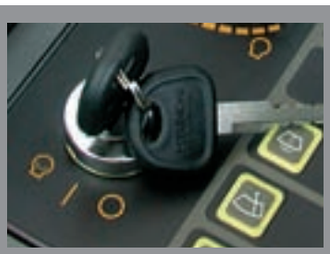
The better working conditions in a pleasant environment



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

Automatic Engine Overheat Prevention

If the engine coolant temperature gets too high, the CPU controller lowers the engine speed so to cool the engine.



Anti Restart System

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

Power boost control System

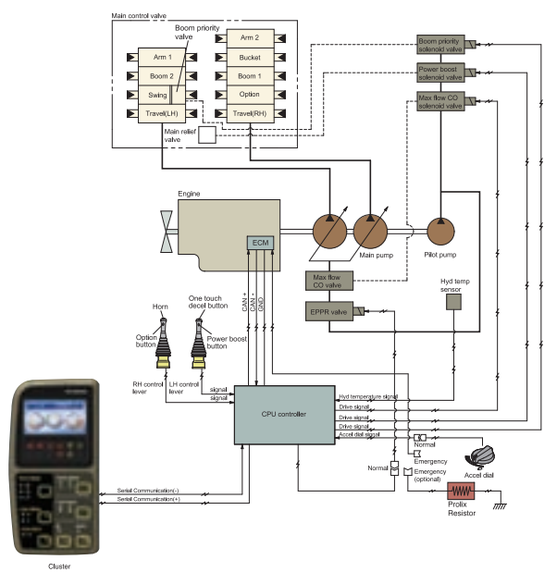
When the power boost system is activated, digging power increases about 10%. It is especially useful when extra power is temporarily needed, for instance, when digging hard earth and rock, or if the bucket teeth are stopped by a stubborn tree root.

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 increases the pump flow rate to warm up the engine more effectively.

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.

NEW MODE CONTROL SYSTEM

1 POWER MODE
H mode: High power
S mode: Standard power

2 WORK MODE
- Heavy duty work
- General work
- Breaker

3 USER MODE
M mode: Maximum Power
U mode : Memorizing Operator's Preferable Power Setting

Auto Deceleration System

When remote-control valves are in neutral position more than 4 seconds, CPU controller instructs the accel actuator to reduce engine speed to 1050 rpm. This decreases fuel consumption and reduces cab noise levels.

Max. Flow Cut-off System

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

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 pressure, battery voltage, hyd. temperature, and status of all types of electric switches, provides the operator with an exact state of machine operating condition. This makes the machine easier to troubleshoot when something goes wrong.

One Touch Decel System

When the one touch decel switch is pressed, the CPU controller reduces engine speed to low idle 800 rpm. Once the one touch decel switch is pressed again, the engine speed recovers to its preset RPM.

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 cylinders to increase speed. With movement of the control lever, pump flow is automatically adjusted and the cylinder speed is proportionally controlled.

Boom & Arm Holding System

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

Arm Flow Regeneration System

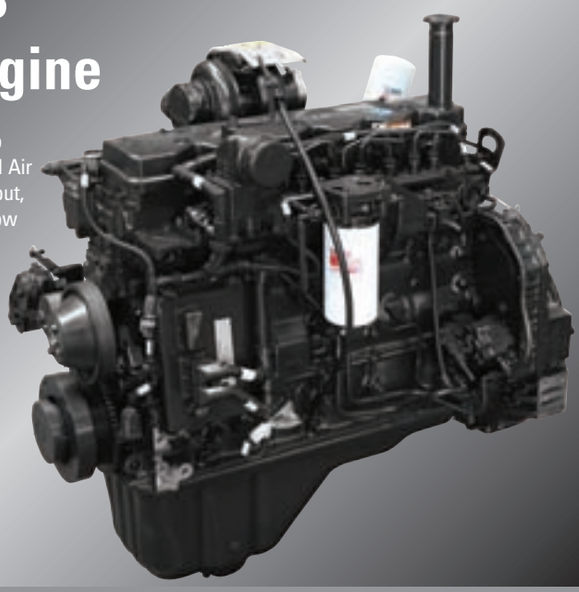
Arm flow regeneration valve provides smooth arm-in operation without cylinder cavitation.

Hydraulic Damper in Travel Pedal

Improved travel controllability & feeling during travel of the machine by use of shock reducing materials.

CUMMINS QSB6.7 Engine

The six cylinder 4 cycle Turbo Charged Engine with Charged Air Cooling, Has High Power output, Reliability, economical, and low emission. This engine meets Tier III emissions regulations.



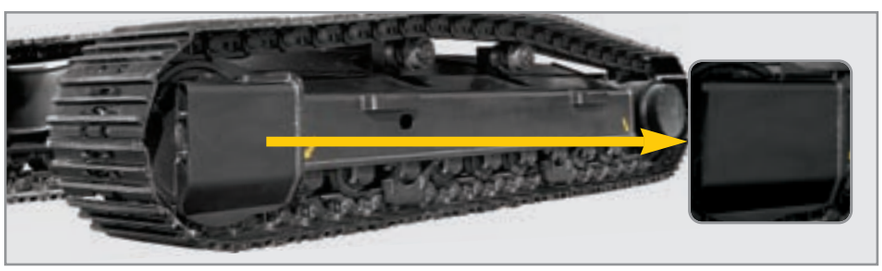
The Definition of Progress

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

Increased Higher Performance

Strong and Stable Lower Frame

The reinforced box-section frame is all welded, with low-stress, high-strength steel. It guarantees safety and resistance against external impact when driving on rough ground and working on wet sites. The use of highly durable upper and lower rollers and track guards ensures proper machine transfer on all terrains. The long undercarriage incorporates heavy duty excavator style components. An 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 by using a standard grease operated cylinder track adjusters including shock absorbing springs. (Full Track Guide: Option)

Reinforced Bucket and Bucket Linkage

To prevent excessive wear of pins and bushes, sealed joints have been applied. Bucket link design incorporates high durability and anti wear characteristics. Additional reinforcement plates on cutting edge section are welded. Thicker steel and an additional lateral plate are put in place to reinforce the bucket.

Powerful and Precise Swing Control

Improved shock absorbing characteristics make stopping swing movement a precise and smooth action.

Full open doors and master key system provide easy access for servicing.

Reliability & Serviceability

Side Cover with Left & Right Swing Open Type

Easy access to vital components gives unrestricted view allowing easy maintenance and repair.

Easy to maintain engine components

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

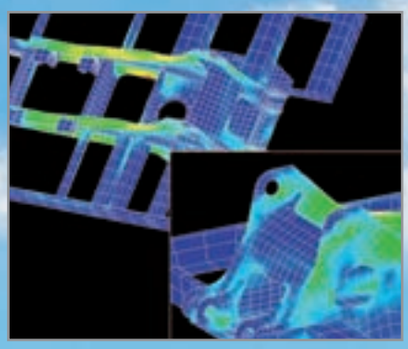
Centralized Electric Control Box and Easy Change Air Cleaner Assembly

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

Highly efficient Hydraulic Pump

Pump output and Hydraulic tank capacity have been increased. A pilot pump has been installed resulting in improved control sensitivity.

Large tool box for extra storage



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

Specifications

Engine

Model			Cummins QSB6.7
Type			Water-cooled, 4 cycle Diesel, 6-Cylinders in line, direct injection, Turbocharged, Charged air cooled, Low emission
Rated flywheel horse power	SAE	J1995 (gross)	176 HP (131 kW) at 1,900 rpm
		J1349 (net)	163 HP (121 kW) at 1,900 rpm
	DIN	6271/1 (gross)	178 PS (131 kW) at 1,900 rpm
		6271/1 (net)	165 PS (121 kW) at 1,900 rpm
Max. torque			81.4 kgf.m (589 lbf.ft) at 1,400 rpm
Bore x stroke			107 mm (4.2 in) x 132 mm x (4.9 in)
Piston displacement			6,700 cc (409 in^3)
Batteries			2 x 12 V x 100 AH
Starting motor			24 V - 4.5 kW
Alternator			24 V - 50 Amp

Hydraulic system

Main pump	
Type	Two variable displacement piston pumps
Max. flow	2 x 222 ℓ/min (59.2 US gpm / 49.3 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	330 kgf/cm^2 (4,690 psi)
Power boost (boom, arm, bucket)	360 kgf/cm^2 (5,120 psi)
Swing circuit	275 kgf/cm^2 (3,910 psi)
Pilot circuit	35 kgf/cm^2 (500 psi)
Service valve	Installed
Hydraulic cylinders	
No. of cylinder - bore x rod x stroke	Boom: 2-140 x 95 x 1,345 mm (5.5" x 3.7" x 52.9")
	Arm: 1-150 x 110 x 1,620mm (5.9" x 4.3" x 63.8")
	Bucket: 1-135 x 90 x 1,185 mm (5.3" x 3.5" x 46.7")

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		21,600 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
External Lights	Two lights mounted on the boom one under the battery box

Swing System

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

Coolant & Lubricant Capacity

(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		6	1.6	1.3
Final drive (each)	STD/HC	3.3	0.87	0.73
Hydraulic system (including tank)		300	79.3	66.0
Hydraulic tank		190	50.2	41.8

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 sprocket, assembled track chains 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 roller on each side	2
No. of track roller on each side	9
No. of track guard on each side	2

Operating Weight (approximate)

Operating weight, including 5,680 mm (18' 8") boom, 2,920 m (9' 7") arm, SAE heaped 0.92 m^3 (1.20 yd^3) backhoe bucket, lubricant, coolant, full fuel tank, hydraulic tank and the standard equipment.

Major component weight

Upperstructure	5,520 kg (12,170 lb)
Counterweight	4,600 kg (10,140 lb)
Boom (with Arm cylinder)	2,280 kg (5,030 lb)

Operating weight

Shoes		Operating weight		Ground pressure
Type	Width mm (in)	Kg (lb)		kgf/cm^2 (psi)
Triple grouser	※600 (24)	**R250LC-7**	**25,200(55,600)**	**0.51(7.25)**
		R250NLC-7	25,100(55,300)	0.51(7.25)
		R250LC-7 H/C	27,450(60,520)	0.53(7.54)
	700 (28)	R250LC-7	25,500(56,200)	0.44(6.26)
		R250LC-7 H/C	28,020(61,770)	0.46(6.54)
	800 (32)	R250LC-7	25,800(56,900)	0.39(5.55)
		R250LC-7 H/C	28,400(62,610)	0.41(5.83)
	900 (36)	R250LC-7	26,100(57,500)	0.35(4.98)
Double grouse	710 (28)	R250LC-7 H/C	28,620(63,100)	0.46(6.54)

※ Standard equipment

Backhoe attachment

Buckets

SAE heaped m³(yd³)	0.60 (0.78) 0.79 (1.03)	1.03 (1.35)	※**1.08 (1.41)** 1.50 (1.96)	▣1.07 (1.40) ▣1.27 (1.66) ▣1.15 (1.50) ▣1.46 (1.91)	◉1.16 (1.52)

Capacity m³ (yd³)		Width mm (in)		Weight kg(lb)	Recommendation mm(ft.in)			
					Boom	5850 (19′ 2″)		
SAE heaped	CECE heaped	Without side cutters	With side cutters		Arm	2100 (6′ 11″)	2500 (8′ 2″)	**3050 (10′ 0″)**	3600 (11′ 10″)
0.60 (0.78)	0.55 (0.72)	760 (29.9)	880 (34.6)	720 (1590)		●	●	●	●
0.79 (1.03)	0.70 (0.92)	890 (35.0)	1010 (39.8)	790 (1740)		●	●	●	●
1.03 (1.35)	0.90 (1.18)	1090 (42.9)	1210 (47.6)	890 (1960)		●	●	●	■
※ **1.08 (1.41)**	**0.95 (1.24)**	**1130 (44.5)**	**1250 (49.2)**	**910 (2000)**		●	●	■	▲
1.50 (1.96)	1.30 (1.70)	1490 (58.7)	1610 (63.4)	1080 (2380)		●	■	▲	-
▣1.07 (1.40)	0.95 (1.24)	1150 (45.3)	-	1120 (2460)		●	●	■	▲
▣1.15 (1.50)	1.00 (1.31)	1210 (47.6)	-	1160 (2550)		●	●	■	▲
▣1.27 (1.66)	1.10 (1.44)	1310 (51.6)	-	1240 (2730)		●	●	▲	▲
▣1.46 (1.91)	1.28 (1.67)	1460 (57.5)	-	1320 (2910)		●	■	▲	-
◉1.16 (1.52)	1.00 (1.31)	1340 (52.8)	-	1280 (2820)		●	●	■	-

※: Standard backhoe bucket
▣: Heavy-duty
◉: Rock bucket-Heavy duty

●: 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. 5,850 mm (19′ 2″) boom and 2,100 mm (6′ 11″); 2,500 mm (8′ 2″); 3,050 mm (11′ 10″) arms are available. Hyundai Buckets are all-welded, high-strength steel implements.

2100 mm (6′ 11″)
2500 mm (8′ 2″)

※**3050 mm (10′ 0″)**

3600 mm (11′ 10″)

Digging force

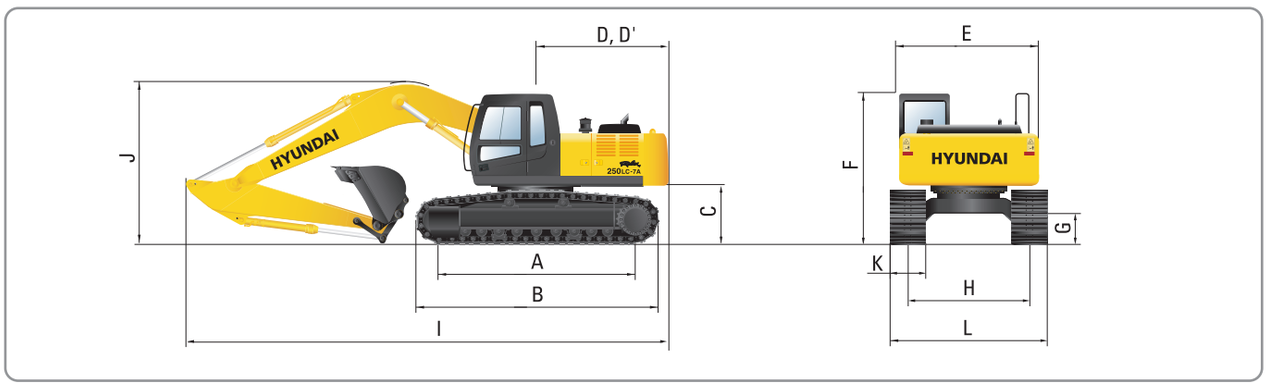
Arm	Length	mm (ft.in)	2100 (6′ 11″)	2500 (8′ 2″)	※3050 (10′ 0″)	3600 (11′ 10″)	Remark
	Weight	kg (lb)	1330 (2930)	1360 (3000)	**1450 (3200)**	1520 (3350)	
Bucket digging force	SAE	kN kgf lbf	156.9 [171.2] 16000 [17450] 35270 [38480]	156.9 [171.2] 16000 [17450] 35270 [38480]	**156.9 [171.2]** **16000 [17450]** **35270 [38480]**	156.9 [171.2] 16000 [17450] 35270 [38480]	[ ]: Power Boost
	ISO	kN kgf lbf	178.5 [194.7] 18200 [19850] 40120 [43770]	178.5 [194.7] 18200 [19850] 40120 [43770]	**178.5 [194.7]** **18200 [19850]** **40120 [43770]**	178.5 [194.7] 18200 [19850] 40120 [43770]	
Arm crowd force	SAE	kN kgf lbf	135.3 [147.6] 13800 [15050] 30420 [33190]	130.4 [142.3] 13300 [14510] 29320 [31990]	**114.7 [125.2]** **11700 [12760]** **25790 [28130]**	116.7 [127.3] 11900 [12980] 26230 [28610]	
	ISO	kN kgf lbf	140.2 [153.0] 14300 [15600] 31530 [34400]	134.4 [146.6] 13700 [14950] 30200 [32950]	**118.7 [129.4]** **12100 [13200]** **26680 [29110]**	120.6 [131.6] 12300 [13420] 27120 [29590]	

Note : Arm weight including bucket cylinder and linkage.

※ Standard arm

Dimensions & Working ranges

Dimensions R250LC/NLC-7A



mm (ft · in)

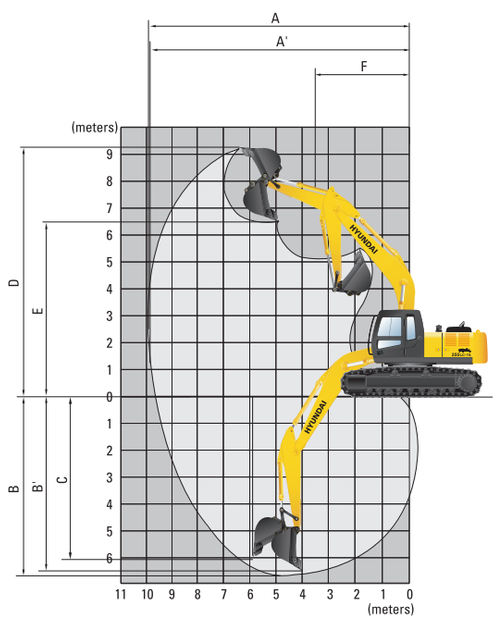
A	Tumbler distance	3830	(12′ 7″)
B	Overall length of crawler	4640	(15′ 3″)
C	Ground clearance of counterweight	1115	(3′ 8″)
D	Tail swing radius	2965	(9′ 9″)
D′	Rear-end length	2870	(9′ 11″)
E	Overall width of upperstructure	2840	(9′ 11″)
F	Overall height of cab	2990	(9′ 10″)
G	Min. ground clearance	480	(1′ 7″)
H	Track gauge	2580	(8′ 6″)

mm (ft · in)

	Boom length		※5850 (19′ 2″)			
	Arm length		2100 (6′ 11″)	2500 (8′ 2″)	**※3050 (10′ 0″)**	3600 (11′ 10″)
I	Overall length		10050 (33′ 0″)	10000 (32′ 10″)	**9920 (32′ 7″)**	9910 (32′ 6″)
J	Overall height of boom		3530 (11′ 7″)	3590 (11′ 9″)	**3220 (10′ 7″)**	3590 (11′ 9″)
K	Track shoe width		**※600 (24″)**	700 (28″)	**800 (32″)**	900 (36″)
L	Overall width	R250LC-7A	**3180 (10′ 5″)**	3280 (10′ 9″)	**3380 (11′ 1″)**	3480 (11′ 5″)
		R250NLC-7A	**2980 (9′ 9″)**	-	-	-

※ Standard Equipment

Working ranges R250LC/NLC-7A

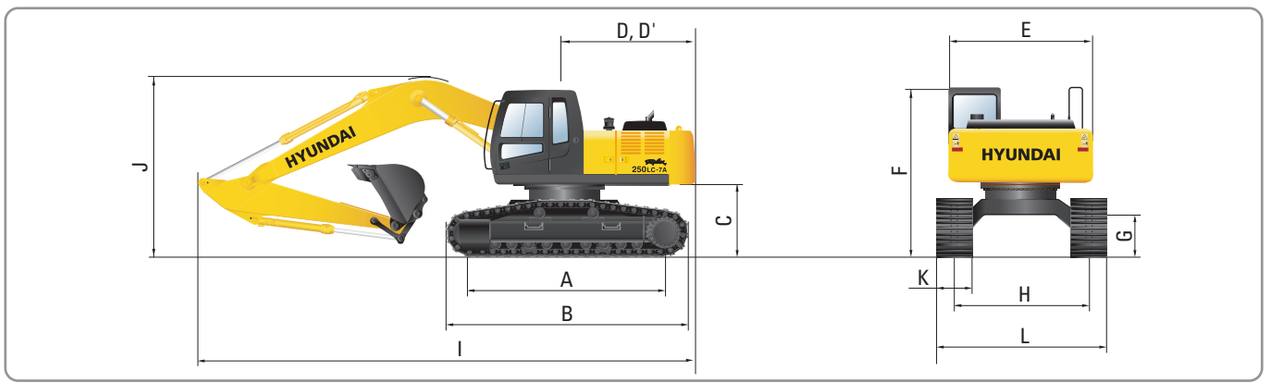


mm (ft · in)

	Boom length	※5850(19′ 2″)			
	Arm length	2100 (6′ 11″)	2500 (8′ 2″)	**※3050 (10′ 0″)**	3600 (11′ 10″)
A	Max. digging reach	9550 (31′ 4″)	9870 (32′ 5″)	**10360 (34′ 0″)**	10870 (35′ 8″)
A′	Max. digging reach on ground	9360 (30′ 9″)	9680 (31′ 9″)	**10190 (33′ 5″)**	10700 (35′ 1″)
B	Max. digging depth	6050 (19′ 10″)	6450 (21′ 2″)	**7000 (23′ 0″)**	7550 (24′ 9″)
B′	Max. digging depth (8′ level)	5840 (19′ 2″)	6260 (20′ 6″)	**6830 (22′ 5″)**	7400 (24′ 3″)
C	Max. vertical wall digging depth	5480 (18′ 0″)	5640 (18′ 6″)	**6150 (20′ 2″)**	6830 (22′ 5″)
D	Max. digging height	9450 (31′ 0″)	9460 (31′ 0″)	**9670 (31′ 9″)**	9920 (32′ 7″)
E	Max. dumping height	6360 (20′ 10″)	6420 (21′ 1″)	**6630 (21′ 9″)**	6860 (22′ 6″)
F	Min. swing radius	4420 (14′ 6″)	4200 (13′ 9″)	**3980 (13′ 1″)**	3900 (12′ 10″)

※ Standard Equipment

Dimensions **R250LC-7A High Chassis**



mm (ft · in)

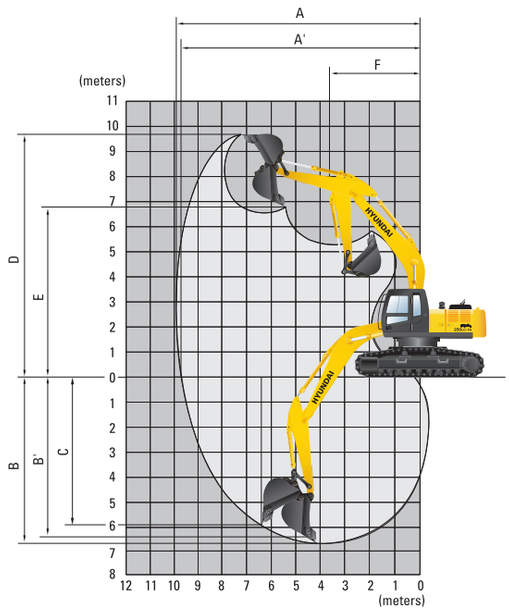
A	Tumbler distance	4030	(13′ 3″)
B	Overall length of crawler	4940	(16′ 2″)
C	Ground clearance of counterweight	1470	(4′ 10″)
D	Tail swing radius	2965	(9′ 9″)
D′	Rear-end length	2870	(9′ 5″)
E	Overall width of upperstructure	2840	(9′ 4″)
F	Overall height of cab	3345	(10′ 12″)
G	Min. ground clearance	765	(2′ 6″)
H	Track gauge	2790	(9′ 2″)

mm (ft · in)

	Boom length	※5850 (19′ 2″)			
	Arm length	2100 (6′ 11″)	2500 (8′ 2″)	**※3050 (10′ 6″)**	3600 (11′ 10″)
I	Overall length	10060 (33′ 0″)	9970 (32′ 9″)	**9760 (32′ 0″)**	9930 (32′ 7″)
J	Overall height of boom	3610 (11′ 10″)	3750 (12′ 4″)	**3240 (10′ 8″)**	3620 (11′ 11″)
K	Track shoe width	**※600 (23.6″)**	700 (27.6″)	800 (31.5″)	900 (35.4″)
L	Overall width	**3390 (11′ 1″)**	3490 (11′ 5″)	3590 (11′ 9″)	3690 (12′ 1″)

※ Standard Equipment

Working ranges **R250LC-7A High Chassis**



mm (ft · in)

	Boom length	※5850(19′ 2″)			
	Arm length	2100 (6′ 11″)	2500 (8′ 2″)	**※3050 (10′ 6″)**	3600 (11′ 10″)
A	Max. digging reach	9550 (31′ 4″)	9870 (32′ 5″)	**10360 (33′ 12″)**	10870 (35′ 8″)
A′	Max. digging reach on ground	9280 (30′ 5″)	9160 (31′ 6″)	**10110 (33′ 2″)**	10360 (34′ 11″)
B	Max. digging depth	5680 (18′ 8″)	6080 (19′ 11″)	**6630 (21′ 9″)**	7180 (23′ 7″)
B′	Max. digging depth (8′ level)	5470 (17′ 11″)	5890 (19′ 4″)	**6460 (21′ 2″)**	7030 (23′ 1″)
C	Max. vertical wall digging depth	5120 (16′ 10″)	5300 (17′ 5″)	**5790 (18′ 12″)**	6470 (21′ 3″)
D	Max. digging height	9820 (32′ 3″)	9840 (32′ 3″)	**10040 (32′ 11″)**	10280 (33′ 9″)
E	Max. dumping height	6730 (22′ 1″)	6790 (22′ 3″)	**7000 (22′ 12″)**	7220 (23′ 8″)
F	Min. swing radius	4140 (13′ 7″)	4030 (13′ 3″)	**3940 (12′ 11″)**	3900 (12′ 10″)

※ Standard Equipment

Lifting Capacities

Lifting capacities **R250LC-7A**

Rating over-front | Rating over-side or 360 degree

• **Boom:** 5.85 m (19′ 2″) • **Arm:** 2.10 m (6′ 11″) • **Bucket:** 1.08 m³ SAE heaped • **Shoe:** 600 mm (24″) triple grouser with 4,600 kg (10,140 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
												m (ft)
6.0 m	kg					*5900	5840			5220	3200	8.32
(**20.0 ft**)	lb					***13010**	**12870**			**11510**	**7050**	**(27.3)**
4.5 m	kg			*7950	*7950	*6630	5570	6060	3690	4520	2710	8.91
(**15.0 ft**)	lb			***17530**	***17530**	***14620**	**12280**	**13360**	**8140**	**9960**	**5970**	**(29.2)**
3.0 m	kg			*10440	8200	*7750	5190	5900	3550	4210	2480	9.17
(**10.0 ft**)	lb			***23020**	**18080**	***17090**	**11440**	**13010**	**7830**	**9280**	**5470**	**(30.1)**
1.5 m	kg			*12520	7520	8250	4850	5720	3380	4170	2430	9.14
(**5.0 ft**)	lb			***27600**	**16580**	**18190**	**10690**	**12610**	**7450**	**9190**	**5360**	**(30.0)**
Ground	kg			13110	7250	8010	4640	5600	3270	4410	2580	8.80
Line	lb			**28900**	**15980**	**17660**	**10230**	**12350**	**7210**	**9720**	**5690**	**(28.9)**
-1.5 m	kg	*15590	15160	13090	7230	7940	4580			5060	2990	8.13
(**-5.0 ft**)	lb	***34370**	**33420**	**28860**	**15940**	**17500**	**10100**			**11160**	**6590**	**(26.7)**
-3.0 m	kg	*17410	15470	*12310	7390	8050	4680			*6420	3980	6.98
(**-10.0 ft**)	lb	***38380**	**34110**	***27140**	**16290**	**17750**	**10320**			***14150**	**8770**	**(22.9)**
-4.5 m	kg	*13610	*13610	*9640	7790							
(**-15.0 ft**)	lb	***30000**	***30000**	***21250**	**17170**							

• **Boom:** 5.85 m (19′ 2″) • **Arm:** 2.50 m (8′ 2″) • **Bucket:** 1.08 m³ SAE heaped • **Shoe:** 600 mm (24″) triple grouser with 4,600 kg (10,140 lb) Counterweight

Load Point height m (ft)		Load radius										At max. reach		
		1.5 m (**5.0 ft**)		3.0 m (**10.0 ft**)		4.5 m (**15.0 ft**)		6.0 m (**20.0 ft**)		7.5 m (**25.0 ft**)		Capacity		Reach
														m (ft)
6.0 m	kg											4900	3000	8.67
(**20.0 ft**)	lb											**10800**	**6610**	**(28.4)**
4.5 m	kg							*6190	5670	*5740	3770	4280	2550	9.23
(**15.0 ft**)	lb							***13650**	**12500**	***12650**	**8310**	**9440**	**5620**	**(30.3)**
3.0 m	kg					*9730	8410	*7350	5280	5950	3590	3990	2340	9.48
(**10.0 ft**)	lb					***21450**	**18540**	***16200**	**11640**	**13120**	**7910**	**8800**	**5160**	**(31.1)**
1.5 m	kg					*12000	7650	8310	4910	5750	3410	3950	2290	9.45
(**5.0 ft**)	lb					***26460**	**16870**	**18320**	**10820**	**12680**	**7520**	**8710**	**5050**	**(31.0)**
Ground	kg					13150	7280	8030	4660	5600	3270	4150	2410	9.13
Line	lb					**28990**	**16050**	**17700**	**10270**	**12350**	**7210**	**9150**	**5310**	**(30.0)**
-1.5 m	kg			*15230	14960	13050	7190	7910	4560	5550	3220	4690	2750	8.49
(**-5.0 ft**)	lb			***33580**	**32980**	**28770**	**15850**	**17440**	**10050**	**12240**	**7100**	**10340**	**6060**	**(27.9)**
-3.0 m	kg	*16500	*16500	*18440	15250	*12700	7300	7970	4610			5940	3550	7.41
(**-10.0 ft**)	lb	***36380**	***36380**	***40650**	**33620**	***28000**	**16090**	**17570**	**10160**			**13100**	**7830**	**(24.3)**
-4.5 m	kg			*15140	*15140	*10620	7620							
(**-15.0 ft**)	lb			***33380**	***33380**	***23410**	**16800**							

• **Boom:** 5.85 m (19′ 2″) • **Arm:** 3.05 m (10′ 0″) • **Bucket:** 1.08 m³ SAE heaped • **Shoe:** 600 mm (24″) triple grouser with 4,600 kg (10,140 lb) Counterweight

Load Point height m (ft)		Load radius										At max. reach		
		1.5 m (**5.0 ft**)		3.0 m (**10.0 ft**)		4.5 m (**15.0 ft**)		6.0 m (**20.0 ft**)		7.5 m (**25.0 ft**)		Capacity		Reach
														m (ft)
6.0 m	kg									*4100	3950	4400	2660	9.22
(**20.0 ft**)	lb									***9040**	**8710**	**9700**	**5860**	**(30.2)**
4.5 m	kg							*5460	*5460	*5160	3830	3880	2280	9.74
(**15.0 ft**)	lb							***12040**	***12040**	***11380**	**8440**	**8550**	**5030**	**(32.0)**
3.0 m	kg			*13880	*13880	*8560	*8560	*6670	5360	*5780	3620	3630	2090	9.98
(**10.0 ft**)	lb			***30600**	***30600**	***18870**	***18870**	***14700**	**11820**	***12740**	**7980**	**8000**	**4610**	**(32.7)**
1.5 m	kg			*9530	*9530	*11070	7800	*7970	4950	5750	3400	3580	2040	9.95
(**5.0 ft**)	lb			***21010**	***21010**	***24410**	**17200**	***17570**	**10910**	**12680**	**7500**	**7890**	**4500**	**(32.6)**
Ground	kg			*10660	*10660	*12720	7280	8010	4640	5560	3230	3730	2130	9.65
Line	lb			***23500**	***23500**	***28040**	**16050**	**17660**	**10230**	**12260**	**7120**	**8220**	**4700**	**(31.7)**
-1.5 m	kg	*10020	*10020	*13980	*13980	12930	7090	7830	4480	5460	3140	4150	2390	9.05
(**-5.0 ft**)	lb	***22090**	***22090**	***30820**	***30820**	**28510**	**15630**	**17260**	**9880**	**12040**	**6920**	**9150**	**5270**	**(29.7)**
-3.0 m	kg	*13650	*13650	*18590	14860	12960	7110	7820	4470			5080	2980	8.06
(**-10.0 ft**)	lb	***30090**	***30090**	***40980**	**32760**	**28570**	**15670**	**17240**	**9850**			**11200**	**6570**	**(26.4)**
-4.5 m	kg	*17980	*17980	*16880	15340	*11570	7340	8020	4640			*6060	4480	6.48
(**-15.0 ft**)	lb	***39640**	***39640**	***37210**	**33820**	***25510**	**16180**	**17680**	**10230**			***13360**	**9880**	**(21.3)**

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

• **Boom:** 5.85 m (19′ 2″) • **Arm:** 3.60 m (11′ 10″) • **Bucket:** 1.08 m³ SAE heaped • **Shoe:** 600 mm (24″) triple grouser with 4,600 kg (10,140 lb) Counterweight

Load Point height m (ft)		Load radius												At max. reach		
		1.5 m (5.0 ft)		3.0 m (10.0 ft)		4.5 m (15.0 ft)		6.0 m (20.0 ft)		7.5 m (25.0 ft)		9.0 m (30.0 ft)		Capacity		Reach
																m (ft)
6.0 m (20.0 ft)	kg									*4210	4040			3960	2360	9.77
	lb									*9280	8910			8730	5200	(32.1)
4.5 m (15.0 ft)	kg									*4620	3890	*2800	2650	3530	2040	10.27
	lb									*10190	8580	*6170	5840	7780	4500	(33.7)
3.0 m (10.0 ft)	kg							*6010	5490	*5300	3670	*3990	2550	3310	1870	10.49
	lb							*13250	12100	*11680	8090	*8800	5620	7300	4120	(34.4)
1.5 m (5.0 ft)	kg			*12710	*12170	*10140	8040	*7400	5040	5790	3430	4210	2430	3260	1820	10.46
	lb			*28020	*28020	*22350	17730	*16310	11110	12760	7560	9280	5360	7190	4010	(34.3)
Ground Line	kg			*11110	*11110	*12150	7390	8070	4680	5570	3230	4090	2320	3380	1890	10.18
	lb			*24490	*24490	*26790	16290	17790	10320	12280	7120	9020	5110	7450	4170	(33.4)
-1.5 m (-5.0 ft)	kg	*9080	*9080	*13310	*13310	12950	7090	7830	4470	5430	3100			3710	2100	9.62
	lb	*20020	*20020	*29340	*29340	28550	15630	17260	9850	11970	6830			8180	4630	(31.6)
-3.0 m (-10.0 ft)	kg	*12220	*12220	*16960	14680	12880	7040	7750	4400	5390	3070			4420	2550	8.71
	lb	*26940	*26940	*37390	32360	28400	15520	17090	9700	11880	6770			9740	5620	(28.6)
-4.5 m (-15.0 ft)	kg	*15960	*15960	*18260	15050	*12250	7180	7850	4490					*5900	3580	7.30
	lb	*35190	*35190	*40260	33180	*27010	15830	17310	9900					*13010	7890	(24.0)

Lifting capacities **R250NLC-7A**

Rating over-front Rating over-side or 360 degree

• **Boom:** 5.85 m (19′ 2″) • **Arm:** 2.10 m (8′ 2″) • **Bucket:** 1.08 m³ SAE heaped • **Shoe:** 600 mm (24″) triple grouser with 4,600 kg (10,140 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
												m (ft)
6.0 m (20.0 ft)	kg					*5900	5290			5200	2870	8.32
	lb					*13010	11660			11460	6330	(27.3)
4.5 m (15.0 ft)	kg			*7950	*7950	*6630	5030	6040	3310	4500	2410	8.91
	lb			*17530	*17530	*14620	11090	13320	7300	9920	5310	(29.2)
3.0 m (10.0 ft)	kg			*10440	7330	*7750	4660	5870	3170	4190	2190	9.17
	lb			*23020	16160	*17090	10270	12940	6990	9240	4830	(30.1)
1.5 m (5.0 ft)	kg			*12520	6670	8210	4330	5690	3010	4150	2150	9.14
	lb			*27600	14700	18100	9550	12540	6640	9150	4740	(30.0)
Ground Line	kg			13050	6410	7970	4120	5570	2900	4390	2280	8.80
	lb			28770	14130	17570	9080	12280	6390	9680	5030	(28.9)
-1.5 m (-5.0 ft)	kg	*15590	13120	13030	6390	7900	4060			5040	2660	8.13
	lb	*34370	28920	28730	14090	17420	8950			11110	5860	(26.7)
-3.0 m (-10.0 ft)	kg	*17410	13420	*12310	6540	8020	4160			*6420	3560	6.98
	lb	*38380	29590	*27140	14420	17680	9170			*14150	7850	(22.9)
-4.5 m (-15.0 ft)	kg	*13610	*13610	*9640	6930							
	lb	*30000	*30000	*21250	15280							

• **Boom:** 5.85 m (19′ 2″) • **Arm:** 2.50 m (8′ 2″) • **Bucket:** 1.08 m³ SAE heaped • **Shoe:** 600 mm (24″) triple grouser with 4,600 kg (10,140 lb) Counterweight

Load Point height m (ft)		Load radius										At max. reach		
		1.5 m (5.0 ft)		3.0 m (10.0 ft)		4.5 m (15.0 ft)		6.0 m (20.0 ft)		7.5 m (25.0 ft)		Capacity		Reach
														m (ft)
6.0 m (20.0 ft)	kg											4880	2680	8.67
	lb											10760	5910	(28.4)
4.5 m (15.0 ft)	kg							*6190	5130	*5740	3380	4260	2270	9.23
	lb							*13650	11310	*12650	7450	9390	5000	(30.3)
3.0 m (10.0 ft)	kg					*9730	7530	*7350	4750	5920	3210	3970	2070	9.48
	lb					*21450	16600	*16200	10470	13050	7080	8750	4560	(31.1)
1.5 m (5.0 ft)	kg					*12000	6790	8270	4380	5720	3030	3930	2020	9.45
	lb					*26460	14970	18230	9660	12610	6680	8660	4450	(31.0)
Ground Line	kg					13090	6440	7990	4140	5570	2900	4130	2120	9.13
	lb					28860	14200	17610	9130	12280	6390	9110	4670	(30.0)
-1.5 m (-5.0 ft)	kg			*15230	12930	12990	6350	7880	4040	5520	2850	4670	2440	8.49
	lb			*33580	28510	28640	14000	17370	8910	12170	6280	10300	5380	(27.9)
-3.0 m (-10.0 ft)	kg	*16500	*16500	*18440	13210	*12700	6450	7940	4090			5910	3170	7.41
	lb	*36380	*36380	*40650	29120	*28000	14220	17500	9020			13030	6990	(24.3)
-4.5 m (-15.0 ft)	kg			*15140	13750	*10620	6760							
	lb			*33380	30310	*23410	14900							

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

Lifting Capacities

• **Boom:** 5.85 m (19′ 2″) • **Arm:** 3.05 m (10′ 0″) • **Bucket:** 1.08 m³ SAE heaped • **Shoe:** 600 mm (24″) triple grouser with 4,600 kg (10,140 lb) Counterweight

Load Point height m (ft)		Load radius										At max. reach		
		1.5 m (5.0 ft)		3.0 m (10.0 ft)		4.5 m (15.0 ft)		6.0 m (20.0 ft)		7.5 m (25.0 ft)		Capacity		Reach
														m (ft)
6.0 m (20.0 ft)	kg									*4100	3570	4380	2370	9.22
	lb									***9040**	**7870**	**9660**	**5220**	**(30.2)**
4.5 m (15.0 ft)	kg							*5460	5230	*5160	3440	3860	2020	9.74
	lb							***12040**	**11530**	***11380**	**7580**	**8510**	**4450**	**(32.0)**
3.0 m (10.0 ft)	kg			*13880	*13880	*8560	7780	*6670	4830	*5780	3240	3610	1840	9.98
	lb			***30600**	***30600**	***18870**	**17150**	***14700**	**10650**	***12740**	**7140**	**7960**	**4060**	**(32.7)**
1.5 m (5.0 ft)	kg			*9530	*9530	*11070	6940	*7970	4420	5720	3030	3560	1790	9.95
	lb			***21010**	***21010**	***24410**	**15300**	***17570**	**9740**	**12610**	**6680**	**7850**	**3950**	**(32.6)**
Ground Line	kg			*10660	*10660	*12720	6430	7980	4120	5530	2850	3710	1860	9.65
	lb			***23500**	***23500**	***28040**	**14180**	**17590**	**9080**	**12190**	**6280**	**8180**	**4100**	**(31.7)**
-1.5 m (-5.0 ft)	kg	*10020	*10020	*13980	12620	12870	6250	7790	3960	5430	2760	4130	2100	9.05
	lb	***22090**	***22090**	***30820**	**27820**	**28370**	**13780**	**17170**	**8730**	**11970**	**6080**	**9110**	**4630**	**(29.7)**
-3.0 m (-10.0 ft)	kg	*13650	*13650	*18590	12840	12900	6270	7780	3950			5060	2640	8.06
	lb	***30090**	***30090**	***40980**	**28310**	**28440**	**13820**	**17150**	**8710**			**11160**	**5820**	**(26.4)**
-4.5 m (-15.0 ft)	kg	*17980	*17980	*16880	13290	*11570	6490	7980	4120			*6060	4010	6.48
	lb	***39640**	***39640**	***37210**	**29300**	***25510**	**14310**	**17590**	**9080**			***13360**	**8840**	**(21.3)**

• **Boom:** 5.85 m (19′ 2″) • **Arm:** 3.60 m (11′ 10″) • **Bucket:** 1.08 m³ SAE heaped • **Shoe:** 600 mm (24″) triple grouser with 4,600 kg (10,140 lb) Counterweight

Load Point height m (ft)		Load radius												At max. reach		
		1.5 m (5.0 ft)		3.0 m (10.0 ft)		4.5 m (15.0 ft)		6.0 m (20.0 ft)		7.5 m (25.0 ft)		9.0 m (30.0 ft)		Capacity		Reach
																m (ft)
6.0 m (20.0 ft)	kg									*4210	3660			3940	2090	9.77
	lb									***9280**	**8070**			**8690**	**4610**	**(32.1)**
4.5 m (15.0 ft)	kg									*4620	3510	*2800	2350	3510	1790	10.27
	lb									***10190**	**7740**	***6170**	**5180**	**7740**	**3950**	**(33.7)**
3.0 m (10.0 ft)	kg							*6010	4940	*5300	3290	*3990	2250	3290	1630	10.49
	lb							***13250**	**10890**	***11680**	**7250**	***8800**	**4960**	**7250**	**3590**	**(34.4)**
1.5 m (5.0 ft)	kg			*12710	*12710	*10140	7160	*7400	4510	5760	3060	4180	2130	3240	1580	10.46
	lb			***28020**	***28020**	***22350**	**15790**	***16310**	**9940**	**12700**	**6750**	**9220**	**4700**	**7140**	**3480**	**(34.3)**
Ground Line	kg			*11110	*11110	*12150	6540	8030	4160	5540	2860	4070	2030	3360	1640	10.18
	lb			***24490**	***24490**	***26790**	**14420**	**17700**	**9170**	**12210**	**6310**	**8970**	**4480**	**7410**	**3620**	**(33.4)**
-1.5 m (-5.0 ft)	kg	*9080	*9080	*13310	12560	12890	6250	7790	3950	5400	2730			3690	1830	9.62
	lb	***20020**	***20020**	***29340**	**27690**	**28420**	**13780**	**17170**	**8710**	**11900**	**6020**			**8140**	**4030**	**(31.6)**
-3.0 m (-10.0 ft)	kg	*12220	*12220	*16960	12660	12820	6190	7710	3880	5370	2700			4390	2240	8.71
	lb	***26940**	***26940**	***37390**	**27910**	**28260**	**13650**	**17000**	**8550**	**11840**	**5950**			**9680**	**4940**	**(28.6)**
-4.5 m (-15.0 ft)	kg	*15960	*15960	*18260	13010	*12250	6330	7820	3970					*5900	3190	7.30
	lb	***35190**	***35190**	***40260**	**28680**	***27010**	**13960**	**17240**	**8750**					***13010**	**7030**	**(24.0)**

Lifting capacities R250LC-7A High Chassis

Rating over-front | Rating over-side or 360 degree

• **Boom:** 5.85 m (19′ 2″) • **Arm:** 2.10 m (6′ 11″) • **Bucket:** 1.08 m³ SAE heaped • **Shoe:** 600 mm (24″) triple grouser with 4,600 kg (10,140 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
												m (ft)
6.0 m (20.0 ft)	kg					*6020	*6020			*5390	3780	8.49
	lb					***13270**	***13270**			***11880**	**8330**	**(27.9)**
4.5 m (15.0 ft)	kg			*8510	*8510	*6870	6680	*6200	4530	5310	3310	9.00
	lb			***18760**	***18760**	***15150**	**14730**	***13670**	**9990**	**11710**	**7300**	**(29.5)**
3.0 m (10.0 ft)	kg			*11020	9880	*8020	6290	*6710	4370	5040	3110	9.19
	lb			***24290**	**21780**	***17680**	**13870**	***14790**	**9630**	**11110**	**6860**	**(30.2)**
1.5 m (5.0 ft)	kg			*12840	9280	*9060	5970	6840	4210	5080	3120	9.09
	lb			***28310**	**20460**	***19970**	**13160**	**15080**	**9280**	**11200**	**6880**	**(29.8)**
Ground Line	kg			*13480	9080	9620	5790	6740	4120	5450	3360	8.68
	lb			***29720**	**20020**	**21210**	**12760**	**14860**	**9080**	**12020**	**7410**	**(28.5)**
-1.5 m (-5.0 ft)	kg	*17660	*17660	*13180	9100	9590	5760			6380	3950	7.91
	lb	***38930**	***38930**	***29060**	**20060**	**21140**	**12700**			**14070**	**8710**	**(26.0)**
-3.0 m (-10.0 ft)	kg	*16740	*16740	*11890	9310	*8600	5920			*6310	5420	6.61
	lb	***36910**	***36910**	***26210**	**20530**	***18960**	**13050**			***13910**	**11950**	**(21.7)**

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

• **Boom:** 5.85 m (19′ 2″) • **Arm:** 2.50 m (8′ 2″) • **Bucket:** 1.08 m³ SAE heaped • **Shoe:** 600 mm (24″) triple grouser with 4,600 kg (10,140 lb) Counterweight

Load Point height m (ft)		Load radius										At max. reach		
		1.5 m (5.0 ft)		3.0 m (10.0 ft)		4.5 m (15.0 ft)		6.0 m (20.0 ft)		7.5 m (25.0 ft)		Capacity		Reach
														m (ft)
6.0 m (20.0 ft)	kg							*5540	*5540			*5050	3560	8.83
	lb							*12210	*12210			*11130	7850	(29.0)
4.5 m (15.0 ft)	kg					*7770	*7770	*6440	*6440	*5850	4600	5030	3140	9.32
	lb					*17130	*17130	*14200	*14200	*12900	10140	11090	6920	(30.6)
3.0 m (10.0 ft)	kg					*10330	10080	*7650	6380	*6430	4410	4790	2950	9.50
	lb					*22770	22220	*16870	14070	*14180	9720	10560	6500	(31.2)
1.5 m (5.0 ft)	kg					*12400	9390	*8780	6020	6860	4230	4810	2940	9.40
	lb					*27340	20700	*19360	13270	15120	9330	10600	6480	(30.8)
Ground Line	kg					*13360	9090	*9520	5800	6730	4110	5120	3140	9.01
	lb					*29450	20040	*20990	12790	14840	9060	11290	6920	(29.6)
-1.5 m (-5.0 ft)	kg	*12220	*12220	*16770	*16770	*13340	9050	9560	5730			5900	3640	8.28
	lb	*26940	*26940	*36970	*36970	*29410	19950	21080	12630			13010	8020	(27.2)
-3.0 m (-10.0 ft)	kg	*17990	*17990	*17840	*17840	*12370	9210	*9020	5830			*6400	4810	7.07
	lb	*39660	*39660	*39330	*39330	*27270	20300	*19890	12850			*14110	10600	(23.2)
-4.5 m (-15.0 ft)	kg			*13960	*13960	*9750	9610							
	lb			*30780	*30780	*21500	21190							

• **Boom:** 5.85 m (19′ 2″) • **Arm:** 3.05 m (11′ 10″) • **Bucket:** 1.08 m³ SAE heaped • **Shoe:** 600 mm (24″) triple grouser with 4,600 kg (10,140 lb) Counterweight

Load Point height m (ft)		Load radius										At max. reach		
		1.5 m (5.0 ft)		3.0 m (10.0 ft)		4.5 m (15.0 ft)		6.0 m (20.0 ft)		7.5 m (25.0 ft)		Capacity		Reach
														m (ft)
6.0 m (20.0 ft)	kg									*4570	*4570	*4600	3190	9.37
	lb									*10080	*10080	*10140	7030	(30.7)
4.5 m (15.0 ft)	kg							*5720	*5720	*5290	4650	4590	2830	9.82
	lb							*12610	*12610	*11660	10250	10120	6240	(32.2)
3.0 m (10.0 ft)	kg			*15600	*15600	*9200	*9200	*6980	6450	*5940	4430	4370	2660	9.99
	lb			*34390	*34390	*20280	*20280	*15390	14220	*13100	9770	9630	5860	(32.8)
1.5 m (5.0 ft)	kg			*9380	*9380	*11560	9510	*8240	6050	*6640	4220	4380	2650	9.90
	lb			*20680	*20680	*25490	20970	*18170	13340	*14640	9300	9660	5840	(32.5)
Ground Line	kg	*7400	*7400	*11330	*11330	*12950	9060	*9180	5760	6680	4060	4620	2800	9.53
	lb	*16310	*16310	*24980	*24980	*28550	19970	*20240	12700	14730	8950	10190	6170	(31.3)
-1.5 m (-5.0 ft)	kg	*10840	*10840	*14940	*14940	*13340	8920	9460	5640	6610	3990	5220	3180	8.85
	lb	*23900	*23900	*32940	*32940	*29410	19670	20860	12430	14570	8800	11510	7010	(29.0)
-3.0 m (-10.0 ft)	kg	*14600	*14600	*19040	*19040	*12790	9000	*9310	5660			6120	4040	7.76
	lb	*32190	*32190	*41980	*41980	*28200	19840	*20530	12480			*13490	8910	(25.5)
-4.5 m (-15.0 ft)	kg			*15960	*15960	*10980	9290							
	lb			*35190	*35190	*24210	20480							

• **Boom:** 5.85 m (19′ 2″) • **Arm:** 3.60 m (11′ 10″) • **Bucket:** 1.08 m³ SAE heaped • **Shoe:** 600 mm (24″) triple grouser with 4,600 kg (10,140 lb) Counterweight

Load Point height m (ft)		Load radius												At max. reach		
		1.5 m (5.0 ft)		3.0 m (10.0 ft)		4.5 m (15.0 ft)		6.0 m (20.0 ft)		7.5 m (25.0 ft)		9.0 m (30.0 ft)		Capacity		Reach
																m (ft)
6.0 m (20.0 ft)	kg									*4280	*4280			*4210	2870	9.92
	lb									*9440	*9440			*9280	6330	(32.5)
4.5 m (15.0 ft)	kg									*4760	4720	*3150	*3150	4190	2560	10.34
	lb									*10490	10410	*6940	*6940	9240	5640	(33.9)
3.0 m (10.0 ft)	kg			*12780	*12780	*8090	*8090	*6340	*6340	*5480	4480	*4200	3200	4000	2410	10.50
	lb			*28180	*28180	*17840	*17840	*13980	*13890	*12080	9880	*9260	7050	8820	5310	(34.4)
1.5 m (5.0 ft)	kg			*11520	*11520	*10710	9730	*7720	6130	6260	4240	*4810	3070	4000	2390	10.42
	lb			*25400	*25400	*23610	21450	*17020	13510	13800	9350	*10600	6770	8820	5270	(34.2)
Ground Line	kg	*6860	*6860	*11460	*11460	*12470	9150	*8820	5800	6680	4050	*4500	2980	4200	2510	10.07
	lb	*15120	*15120	*25260	*25260	*27490	20170	*19440	12790	14730	8930	*9920	6570	9260	5530	(33.0)
-1.5 m (-5.0 ft)	kg	*9790	*9790	*14050	*14050	*13240	8910	9440	5610	6560	3940			4670	2810	9.44
	lb	*21580	*21580	*30970	*30970	*29190	19640	20810	12370	14460	8690			10300	6190	(31.0)
-3.0 m (-10.0 ft)	kg	*13030	*13030	*18050	*18050	*13080	8900	9400	5580	6560	3940			5650	3450	8.43
	lb	*28730	*28730	*39790	*39790	*28840	19620	20720	12300	14460	8690			12460	7610	(27.7)
-4.5 m (-15.0 ft)	kg	*16990	*16990	*17530	*17530	*11820	9100	*8500	5720					*5890	5000	6.86
	lb	*37460	*37460	*38650	*38650	*26060	20060	*18740	12610					*12990	11020	(22.5)

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

Robex 250LC-7A

Standard Equipment

ISO standard cab
- 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 & Ash-tray
- Sun visor for cabin inside

Air-conditioner (5000 kcal/hr, 20000 BTU/hr)
FATC (Full Automatic Temperature Control)
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

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
  - Check Engine & 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 CD Player
- Radio remote switch

Two outside rearview mirrors
Fully adjustable suspension seat with seat belt
Slidable joystic, 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 Hyd. oil cooler
Automatic swing brake
Removable reservoir tank
Water separator, fuel line
Boom holding system
Arm holding system
Counterweight (4600 kg, 10140 lb)
Mono boom (5.85 m, 19′ 2″)
Arm (3.05 m, 10′ 0″)
Safety lock valve for boom cylinder with overload warning device
Track shoes (600 mm, 24″)
Track rail guard
Fuel filler pump (35 ℓ/min, 9.5 USgpm)
Single acting piping kit (breaker, etc)
Double acting piping kit (cramshell, etc)

Optional Equipment

Heater & Defroster
Beacon lamp
Safety lock valve for arm cylinder
Accumulator, work equipment lowering
12 volt power outlet (24V DC to 12V DC converter)
Electric transducer
Travel alarm
Various optional Arms
- Super short arm (2.10 m, 6′ 11″)
- Short arm (2.50 m, 8′ 2″)
- Long arm (3.60 m, 11′ 10″)

Various optional Buckets (SAE heaped)
- Standard bucket (1.08 m^3, 1.41 yd^3)
- Narrow bucket (0.60 m^3, 0.78 yd^3)
- Narrow bucket (0.79 m^3, 1.03 yd^3)
- Narrow bucket (1.03 m^3, 1.35 yd^3)
- Light duty bucket (1.50 m^3, 1.96 yd^3)
- Heavy duty bucket (1.07 m^3, 1.40 yd^3)
- Heavy duty bucket (1.15 m^3, 1.50 yd^3)
- Heavy duty bucket (1.27 m^3, 1.66 yd^3)
- Heavy duty bucket (1.46 m^3, 1.91 yd^3)
- Rock bucket (1.16 m^3, 1.52 yd^3)

Cabin FOPS/FOG (ISO/DIS 10262)
Cabin Roof-cover(Transparent type)
Cabin lights
Engine emergency control cable
Track shoes
- Triple grousers shoe (700 mm, 28″)
- Triple grousers shoe (800 mm, 32″)
- Triple grousers shoe (900 mm, 36″)

Lower frame under cover
Pre heating system
Fuel warmer
Tool kit
Operator suit
Special cooling
- Air vent type side door

Low noise kit

Standard and optional equipment may vary. Contact your Hyundai dealer for more information.
The machine shown may vary according to International standards. All US measurement rounded off to nearest pounds or inches.

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