

Robex R260LC-9S

With Tier 2 Engine installed

RUSSIA



*Photo may include optional equipment.



Head Office(Sales Office)
14F, GLOBAL R&D CENTER, 477 BUNDANG SUSEO-RO, BUNDANG-GU, SEONGNAM-SI, GYEONGGI-DO, 13553, KOREA

PLEASE CONTACT

Gross Power
178 HP at 2,000 rpm

Net Power
163 HP at 2,000 rpm

Bucket Capacity
0.60 ~ 1.50m³

Operating Weight
25,200 kg

PRIDE AT WORK

Robex 260LC-9S

Hyundai Heavy Industries strives to build state-of-the-art earthmoving equipment to give every operator maximum performance, more precision, versatile machine preferences, and proven quality. Take pride in your work with Hyundai!

Machine Walk-Around

Engine Technology

Easy & Simple Serviceability / Auto engine warm up feature / Anti-restart feature

Hydraulic System Improvements

New patented hydraulic control for improved controllability / Improved control valve design for added efficiency and smoother operation / New auto boom and swing priority system for optimum speed / New auto power boost feature for additional power when needed / Improved arm-in and boom-down flow regeneration system for added speed and efficiency

Pump Compartment

Industry-leading, powerful, reliable Kawasaki designed, variable volume in-line axial piston pumps New compact solenoid block equipped with 4 solenoid valves, 1 EPPR valve, 1 check valve accumulator and pilot filter - controls 2 speed travel, power boost, boom priority, safety lock

Enhanced Operator Cab

Improved Visibility

Enlarged cab with improved visibility
Larger right-side glass, now one piece, for better right visibility
Safety glass windows on all sides - less expensive than (polycarbonate) and won't scratch or fade
Closeable sunshade for operator convenience / Reduced front window seam for improved operator view

Improved Cab Construction

New steel tube construction for added operator safety, protection and durability
New window open/close mechanism designed with cable and spring lift assist and single latch release

Improved Suspension Seat / Console Assembly

Ergonomic joysticks with auxiliary control buttons for attachment use - now with new sleek styling
Adjustable arm rests - turn dial to raise or lower for optimum comfort

Advanced 7" Color Cluster

New Color LCD Display with easy to read digital gauges for hydraulic oil temperature, water temperature, and fuel / Simplified design makes adjustment and diagnostics easier. Also, new enhanced features such as rear-view camera are integrated into monitor.(OPT)

3 power modes : (P) Power, (S) Standard, (E) Economy, 2 work modes : Dig & Attachment, (U) User mode for operator preference

Enhanced self-diagnostic features with GPS / satellite technology

One pump flow or two pump flow for optional attachment is now selectable through the cluster. / New anti-theft system with password capability Boom speed and arm regeneration are selectable through the monitor.

Auto power boost is now available - selectable (on/off) through the monitor.

Powerful air conditioning and heat with auto climate control, 20% more heat and air output than 7 series!

RMS (Remote Management System) works through GPS/satellite technology to ultimately provide better customer service and support.(OPT)

Undercarriage

Sealed track chain (urethane seals) / Standard track rail guard / Comfortable bolt-on steps

Large upper roller cut-outs for debris clean-out / Tapered side frames for debris clean-out / Grease-type track tensioner



Operator Comfort

In 9S Series cabin you can easily adjust the seat, console and armrest settings to best suit your personal operating preferences. Seat and console position can be set together and independent from each other. Other preference settings that add to overall operator comfort include the fully automatic high capacity airconditioning system and the radio / USB player.



Reduced Stress

Work is stressful enough. Your work environment should be stress free. Hyundai's 9S Series provides improved cab amenities, additional space and a comfortable seat to minimize stress to the operator. A powerful climate control system provides the operator with optimum air temperature. An advanced audio system with USB player, AM/FM stereo is perfect for listening to music favorites.



Operator - Friendly Cluster

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



Wide Cabin with Excellent Visibility

The newly designed cabin was conceived for more space, a wider field of view and operator comfort. Special attention was given to a clear, open and convenient interior with plenty of visibility on the machine surroundings and the job at hand. This well balanced combination of precision aspects put the operator in the perfect position to work safely and securely.



PREFERENCE

Operating a 9S Series is unique to every operator. Operators can fully customize their work environment and operating preferences to fit their individual needs.



Computer Aided Power

The engine horsepower and hydraulic horsepower together in unison through the advanced CAPO(Computer Aided Power Optimization) system, flow for the job at hand. Operator can set their own preferences for boom or swing priority, power mode selection and optional work tools at the touch of a button. The CAPO system also provides complete self diagnostic features and digital gauges for important information like hydraulic oil temperature, water temperatures and fuel level. This system interfaces with multiple sensors placed throughout the hydraulic system as well as hydraulic flow.

Power Mode

P (Power Max) mode maximizes machine speed and power for mass production. S (Standard) mode provides a reduced, fixed rpm for optimum performance and improved fuel economy. For maximum fuel savings and improved control, E (Economy) mode provides precise flow based on load demand. Three unique power modes provide the operator with custom power, speed and fuel economy.

Work Mode

The work mode allows the operator to select single flow attachments like a hydraulic breaker or bi-directional flow attachments like a crusher. Flow settings unique to each attachment can be programmed from within the cluster.

User Mode

Some jobs require more precise machine settings. Using the versatile U (User) mode, the operator can customize engine speed, pump output, idle speed and other machine settings for the job at hand.



Improved Hydraulic System

To achieve optimum precision, Hyundai redesigned the hydraulic system to provide the operator with super fine touch and improved controllability. Improved pump flow control reduces flow when controls are not being used to minimize fuel consumption.

Improved spool valves in the control valve are engineered to provide more precise flow to each function with less effort.

Improved hydraulic valves, precision-designed variable volume piston pumps, fine-touch pilot controls, and enhanced travel functions make any operator running a 9S Series look like a smooth operator. Newly improved features include arm-in and boom-down flow regeneration, improved control valve technology and innovative auto boom and swing priority for optimal performance in any application.



Auto Boom-swing Priority

This smart function automatically and continuously looks the ideal hydraulic flow balance for the boom and swing motions of the machine. The advanced CAPO system monitors the hydraulic system and adjusts its settings to maximize performance and productivity.



PRECISION

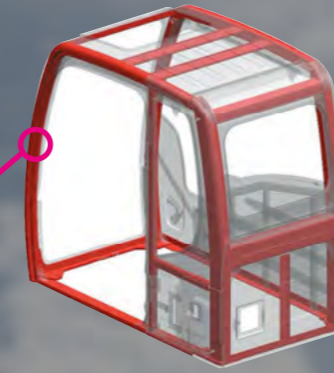
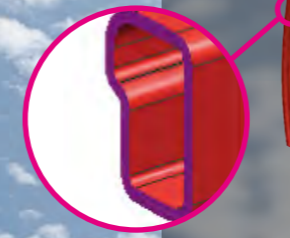
Innovative hydraulic system technologies make the 9 series excavator fast, smooth and easy to control.





PERFORMANCE

95 Series is designed for maximum performance to keep the operator working productively.



Structure Strength

The 95 Series cabin structure has been fitted with stronger but slimmer tubing for more safety and improved visibility. Low-stress, high strength steel is integrally welded to form a stronger, more durable upper and lower frame. Structural integrity was tested by way of FEM (Finite Elements Method) analysis and long-term durability tests.

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.



HYUNDAI HM5.9 ENGINE

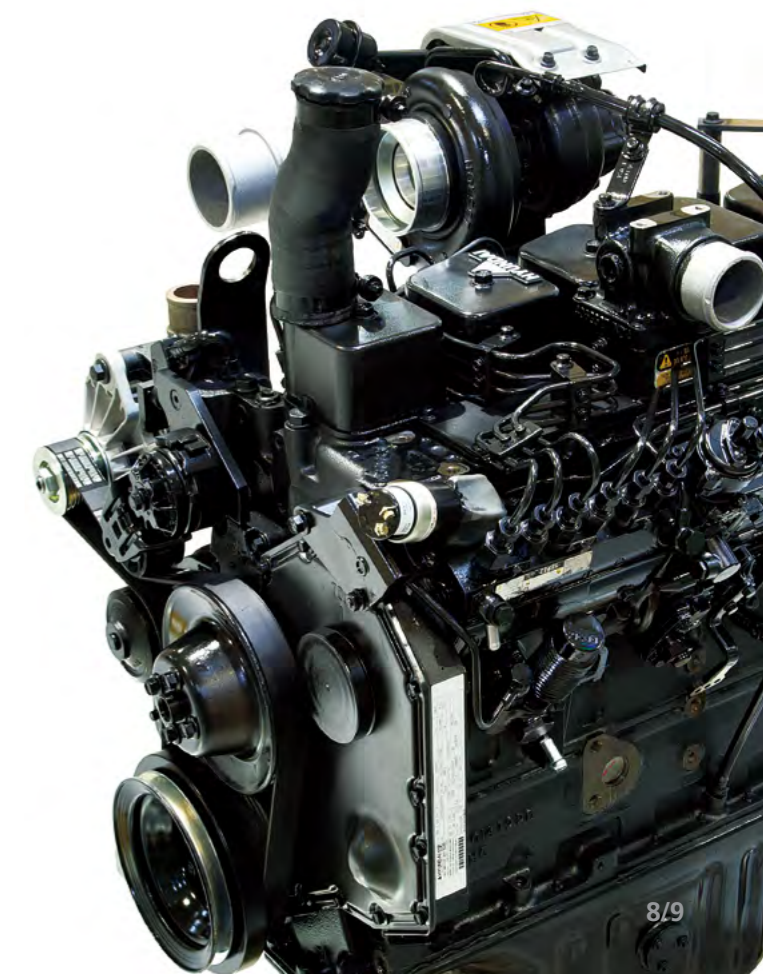
The six cylinders, turbo-charged, 4 cycle, charger air cooled engine is built for power, reliability, economy and low emissions.

A More Reliable Way To Reach Your Dream.

The HYUNDAI HM5.9 engine has been designed with 40% fewer parts than the competition. That means there's less that can go wrong when you need it most. It also means fewer parts to inventory.

Repairs are simplified because no special tools are needed for maintenance. The weight of the machine is reduced without sacrificing strength.

The HYUNDAI HM5.9 engine is capable of reaching emission standards without electronic engine controls. You get a proven power plant that meets ecological concerns, without paying a premium for technology you don't need.



* Photo may include optional equipment.



PROFITABILITY

9S Series is designed to maximize profitability through improved efficiencies, enhanced service features and longer life components.



Hi MATE

Option

IT'S CONVENIENT, EASY AND VALUABLE

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

WHAT IS BENEFITS



Increase Productivity

It helps you operate machines in efficient. You can check the difference between total engine hours and actual working hours. See how productive your machines are and plan any required cost saving solutions. Hi MATE offers working information such as working / idling hours, fuel consumption and rate.



Convenient and Easy Monitoring

There is nothing much to do to monitor your machines. Just log on to the Hi MATE website or mobile application. Hi MATE allows you to watch your machines whenever and wherever you are.



Security

Protect your machines from theft or unauthorized usage with Hi MATE. If the machine moves out of the Geo-fence boundary, you will get alerts.

Long-Life Components

9S series excavators were designed with bushings designed for long-life lube intervals (250 hrs) & polymer shims (wear resistant, noise reducing), long-life hydraulic filters (1,000hrs), long-life hydraulic oil (5,000hrs), more efficient cooling systems and integrated preheating systems which extend service intervals, minimize operating costs and reduce machine down time.



Fuel Efficiency

9S Series excavators are engineered to be extremely fuel efficient. New innovations like two-stage auto decel system and the new economy mode help to conserve fuel and reduce the impact on the environment.



Easy Access

Ground-line access to filters, lube fittings, fuses, machine computer components and wide open compartments makes service more convenient on the 9S Series.



SPECIFICATIONS

ENGINE

maker / Model	HYUNDAI HM5.9		
Type	Water-cooled, 4-cycle Diesel, 6-Cylinder in-line, Direct injection, Turbo charged, Charger air cooled, Low emission		
Rated flywheel horse power	SAE	J1995(gross) J1349 (net)	178 HP / 2,000 rpm 163 HP / 2,000 rpm
	DIN	6271/1 (gross) 6271/1 (net)	180 PS / 2,000 rpm 165 PS / 2,000 rpm
Max. torque	72.2 kgf.m / 1,500 rpm		
Bore X stroke	102 x 120 mm		
Piston displacement	5,880cc		
Batteries	2 X 12V X 160 AH		
Starting motor	24V, 4.5 kW		
Alternator	24V, 90 Amp		

HYDRAULIC SYSTEM

MAIN PUMP

Type	Variable displacement tandem-axis piston pumps
Max. flow	2 X 228 L / min
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
Travel	350 kgf/cm ²
Power boost (boom, arm, bucket)	380 kgf/cm ²
Swing circuit	300 kgf/cm ²
Pilot circuit	40 kgf/cm ²
Service valve	Installed

HYDRAULIC CYLINDERS

No. of cylinder bore X stroke	Boom: 2-135 X 1,345 mm
	Arm: 1-145 X 1,620 mm
	Bucket: 1-130 X 1,185 mm

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
Max. travel speed (high / low)	5.8 km/hr / 3.4 km/hr
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	Fixed displacement axial pistons motor
Swing reduction	Planetary gear reduction
Swing bearing lubrication	Grease-bathed
Swing brake	Multi wet disc
Swing speed	12.5 rpm

COOLANT & LUBRICANT CAPACITY

Re-filling	liter
Fuel tank	400.0
Engine coolant	35.0
Engine oil	24.0
Swing device - gear oil	6.0(7)
Final drive (each) - gear oil	3.3(4.5)
Hydraulic system (including tank)	285.0
Hydraulic tank	165.0

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

OPERATING WEIGHT (APPROXIMATE)

Operating weight, including 5,850mm boom, 3,050mm arm, SAE heaped 1.08m³ bucket, lubricant, coolant, full fuel tank, full hydraulic tank, and all standard equipments.

MAJOR COMPONENT WEIGHT

Upperstructure	5,520 kg
Boom (with arm cylinder)	2,460 kg
Arm (with bucket cylinder)	1,540 kg

OPERATING WEIGHT

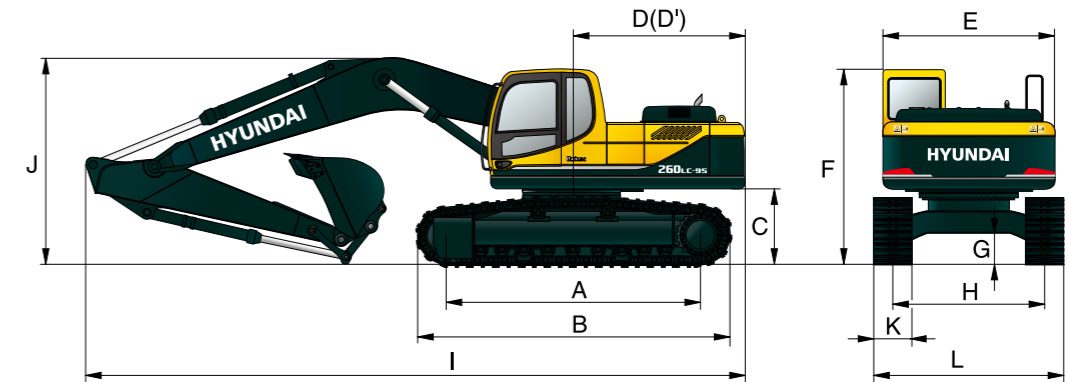
Shoes		Operating weight	Ground pressure
Type	Width mm	kg	kgf/cm ²
Triple grouser	600 mm	R260LC-9S	25,200
		R260LC-9S H/W	27,450
	700 mm	R260LC-9S	25,500
		R260LC-9S H/W	28,020
	800 mm	R260LC-9S	25,800
		R260LC-9S H/W	28,400
900 mm	R260LC-9S	26,100	
	Double grouser	700 mm R260LC-9S H/W	28,620

AIR CONDITIONING SYSTEM

The air condition system for the machine contains the fluorinated greenhouse gas with global warming potential of R134a. (Global Warming Potential : 1430)
The system hold 0.8kg refrigerant consisting of a CO2 equivalent 1.14kg metric tonne.
For more information, Please refer to the manual.

DIMENSIONS & WORKING RANGE

R260LC-9S / R260NLC-9S DIMENSIONS

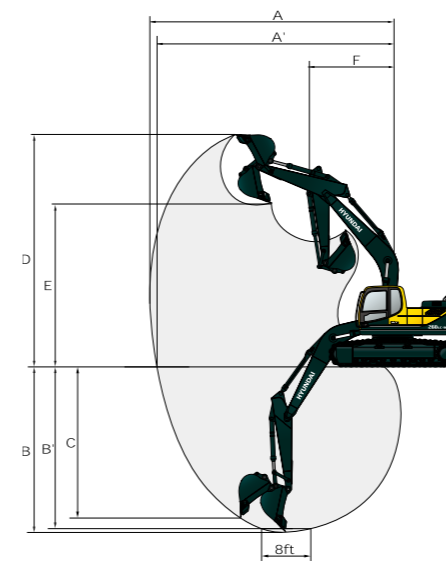


Unit : mm (ft - in)

A Tumbler distance	R260LC-9S	3,835
	R260NLC-9S	3,835
B Overall length of crawler		4,632
C Ground clearance of counterweight		1,105
D Tail swing radius		2,975
D' Rear-end length		2,870
E Overall width of upperstructure		2,840
F Overall height of cab		2,980
G Min. ground clearance		480
H Track gauge	R260LC-9S	2,600
	R260NLC-9S	2,380

Boom length	5,850			
Arm length	2,100	2,500	3,050	3,600
I Overall length	10,050	10,000	9,920	9,910
J Overall height of boom	3,530	3,590	3,220	3,590
K Track shoe width	600	700	800	900
L Overall width	R260LC-9S	3,200	3,300	3,400
	R260NLC-9S	2,980	-	-

R260LC-9S / R260NLC-9S WORKING RANGE

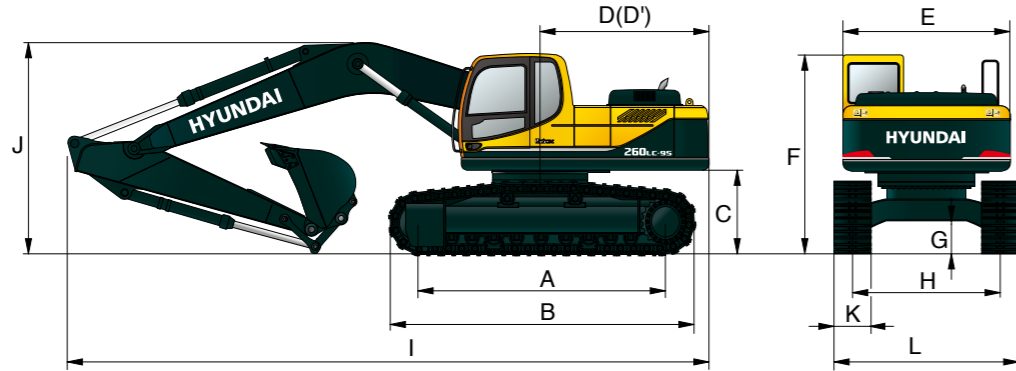


Unit : mm (ft - in)

Boom length	5,850			
Arm length	2,100	2,500	3,050	3,600
A Max. digging reach	9,550	9,870	10,360	10,870
A' Max. digging reach on ground	9,360	9,680	10,190	10,700
B Max. digging depth	6,050	6,450	7,000	7,550
B' Max. digging depth (8' level)	5,840	6,260	6,830	7,400
C Max. vertical wall digging depth	5,480	5,640	6,150	6,830
D Max. digging height	9,450	9,460	9,670	9,920
E Max. dumping height	6,360	6,420	6,630	6,860
F Min. swing radius	4,420	4,200	3,980	3,900

DIMENSIONS & WORKING RANGE

R260LC-9S HIGH WALKER DIMENSIONS

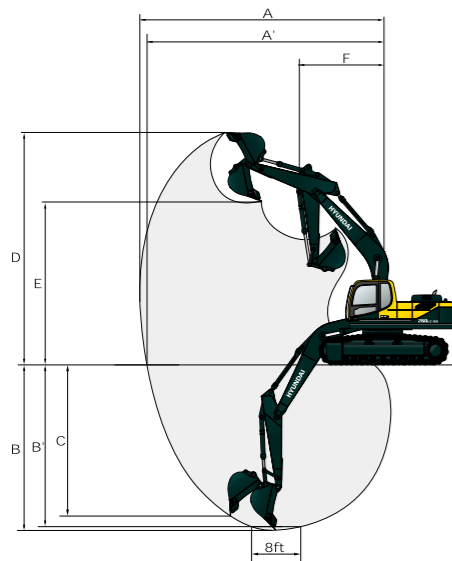


A	Tumbler distance	4,030
B	Overall length of crawler	4,940
C	Ground clearance of counterweight	1,470
D	Tail swing radius	2,975
D'	Rear-end length	2,870
E	Overall width of upperstructure	2,840
F	Overall height of cab	3,345
G	Min. ground clearance	765
H	Track gauge	2,790

Unit : mm

Boom length	5,850				
Arm length	2,100	2,500	3,050	3,600	
I Overall length	10,060	9,970	9,760	9,930	
J Overall height of boom	3,610	3,750	3,240	3,620	
K Track shoe width	Type	Triple grouser			Double grouser
	Width	600	700	800	900
L Overall width	3,390	3,490	3,590	3,480	

R260LC-9S HIGH WALKER WORKING RANGE



Unit : mm

Boom length	5,850			
Arm length	2,100	2,500	3,050	3,600
A Max. digging reach	9,550	9,870	10,360	10,870
A' Max. digging reach on ground	9,280	9,160	10,110	10,360
B Max. digging depth	5,680	6,080	6,630	7,180
B' Max. digging depth (8' level)	5,470	5,890	6,460	7,030
C Max. vertical wall digging depth	5,120	5,300	5,790	6,470
D Max. digging height	9,820	9,840	10,040	10,280
E Max. dumping height	6,730	6,790	7,000	7,220
F Min. swing radius	4,140	4,030	3,940	3,900

LIFTING CAPACITY

Rating over-front Rating over-side or 360 degree

R260LC-9S

Boom : 5.85m / Arm : 2.10 m / Bucket : 1.08 m³ SAE heaped / Shoe : 600mm triple grouser

Load point height (m)		Load radius								At max. reach		
		3.0 m		4.5 m		6.0 m		7.5 m		Capacity		Reach m
6.0 m	kg					*5,790	*5,790			5,220	3,200	8.32
4.5 m	kg			*7,810	*7,810	*6,510	5,570	*6,000	3,690	4,520	2,710	8.91
3.0 m	kg			*10,260	8,200	*7,600	5,190	5,900	3,550	4,210	2,480	9.17
1.5 m	kg			*12,300	7,520	8,250	4,850	5,720	3,380	4,170	2,430	9.14
Ground	kg			13,110	7,250	8,010	4,640	5,600	3,270	4,410	2,580	8.80
-1.5 m	kg	*15,460	15,160	13,090	7,230	7,940	4,580			5,060	2,990	8.13
-3.0 m	kg	*17,100	15,470	*12,090	7,390	8,050	4,680			*6,290	3,980	6.98
-4.5 m	kg	*13,360	*13,360	*9,460	7,790							

Boom : 5.85m / Arm : 2.50 m / Bucket : 1.08 m³ SAE heaped / Shoe : 600mm triple grouser

Load point height (m)		Load radius								At max. reach					
		1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		Capacity		Reach m	
6.0 m	kg												4,900	3,000	8.67
4.5 m	kg						*6,070	5,670	*5,630	3,770	4,280	2,550	9.23		
3.0 m	kg					*9,550	8,410	*7,210	5,280	5,950	3,590	3,990	2,340	9.48	
1.5 m	kg					*11,790	7,650	8,310	4,910	5,750	3,410	3,950	2,290	9.45	
Ground	kg					*12,990	7,280	8,030	4,660	5,600	3,270	4,150	2,410	9.13	
-1.5 m	kg			*15,100	14,960	13,050	7,190	7,910	4,560	5,550	3,220	4,690	2,750	8.49	
-3.0 m	kg	*16,360	*16,360	*18,120	15,250	*12,470	7,300	7,970	4,610			5,940	3,550	7.41	
-4.5 m	kg			*14,860	*14,860	*10,430	7,620								

Boom : 5.85m / Arm : 3.05 m / Bucket : 1.08 m³ SAE heaped / Shoe : 600mm triple grouser

Load point height (m)		Load radius								At max. reach				
		1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		Capacity		Reach m
6.0 m	kg									*3,700	*3,700	4,400	2,660	9.22
4.5 m	kg							*5,350	*5,350	*5,060	3,830	3,880	2,280	9.74
3.0 m	kg			*13,640	*13,640	*8,400	*8,400	*6,540	5,360	*5,660	3,620	3,630	2,090	9.98
1.5 m	kg			*9,450	*9,450	*10,870	7,800	*7,820	4,950	5,750	3,400	3,580	2,040	9.95
Ground	kg			*10,570	*10,570	*12,490	7,280	8,010	4,640	5,560	3,230	3,730	2,130	9.65
-1.5 m	kg	*9,940	*9,940	*13,870	*13,870	12,930	7,090	7,830	4,480	5,460	3,140	4,150	2,390	9.05
-3.0 m	kg	*13,540	*13,540	*18,430	14,860	*12,780	7,110	7,820	4,470			5,080	2,980	8.06
-4.5 m	kg	*17,830	*17,830	*16,580	15,340	*11,360	7,340	8,020	4,640			*5,940	4,480	6.48

Boom : 5.85m / Arm : 3.60 m / Bucket : 1.08 m³ SAE heaped / Shoe : 600mm triple grouser

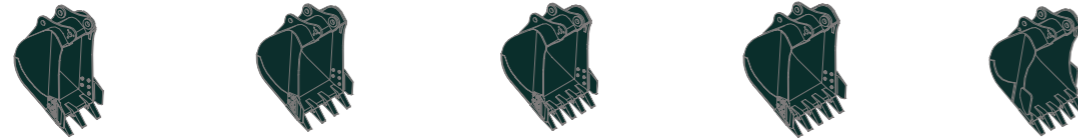
Load point height (m)		Load radius										At max. reach				
		1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		Capacity		Reach m
6.0 m	kg									*3,930	*3,930			3,960	2,360	9.77
4.5 m	kg									*4,530	3,890	*2,500	*2,500	3,530	2,040	10.27
3.0 m	kg							*5,890	5,490	*5,190	3,670	*3,590	2,550	3,310	1,870	10.49
1.5 m	kg			*12,610	*12,610	*9,960	8,040	*7,260	5,040	5,790	3,430	4,210	2,430	3,260	1,820	10.46
Ground	kg			*11,020	*11,020	*11,930	7,390	8,070	4,680	5,570	3,230	4,090	2,320	3,380	1,890	10.18
-1.5 m	kg	*9,010	*9,010	*13,200	*13,200	*12,900	7,090	7,830	4,470	5,430	3,100			3,710	2,100	9.62
-3.0 m	kg	*12,120	*12,120	*16,820	14,680	12,880	7,040	7,750	4,400	5,390	3,070			4,420	2,550	8.71
-4.5 m	kg	*15,830	*15,830	*17,940	15,050	*12,020	7,180	7,850	4,490					*5,790	3,580	7.30

1 | Lifting capacity is based on SAE J1097, ISO 10567.
 2 | 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.
 3 | The load point is a hook located on the back of the bucket.
 4 | (*) indicates the load limited by hydraulic capacity.

BUCKET SELECTION GUIDE & DIGGING FORCE

BUCKETS

All buckets are welded with high-strength steel.



SAE heaped m³ 0.60 1.03 1.08 ◆1.07 ◆1.27 ◎1.16
 0.79 1.27 1.50 ◆1.15 ◆1.46

Capacity m ³		Width mm		Weight kg	Recommendation mm			
SAE heaped	CECE heaped	Without side cutters	With side cutters		5,850 Boom			
					2,100 Arm	2,500 Arm	3,050 Arm	3,600 Arm
0.60	0.55	760	880	720	●	●	●	●
0.79	0.70	890	1,010	790	●	●	●	●
1.03	0.90	1,090	1,210	890	●	●	●	■
1.08	0.95	1,130	1,250	910	●	●	●	■
1.27	1.10	1,290	1,410	1,010	●	■	■	▲
1.50	1.30	1,490	1,610	1,080	●	■	▲	-
◆1.07	0.95	1,150	-	1,120	●	●	■	▲
◆1.15	1.00	1,210	-	1,160	●	●	■	▲
◆1.27	1.10	1,310	-	1,240	●	■	▲	-
◆1.46	1.28	1,460	-	1,320	■	▲	▲	-
◎1.16	1.00	1,340	-	1,280	●	■	▲	-

◆ Heavy duty bucket ●: Applicable for materials with density of 2,000 kg /m³ or less
 ◎ Rock-Heavy duty bucket ■: Applicable for materials with density of 1,600 kg /m³ or less
 ▲: Applicable for materials with density of 1,100 kg /m³ 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	5,850				Remark
	Weight	kg	2,460				
Arm	Length	mm	2,100	2,500	3,050	3,600	[]: Power Boost
	Weight	kg	1,420	1,450	1,540	1,600	
Bucket digging force	SAE	kN	156.9 [170.4]	156.9 [170.4]	156.9 [170.4]	156.9 [170.4]	
	IOS	kN	178.5 [193.8]	178.5 [193.8]	178.5 [193.8]	178.5 [193.8]	
Arm crowd force	SAE	kN	134.4 [145.9]	130.4 [141.6]	114.7 [124.6]	104.0 [112.9]	
	IOS	kN	139.3 [151.2]	134.4 [145.9]	118.7 [128.8]	107.9 [117.1]	

Note: Boom weight includes arm cylinder, piping, and pin
 Arm weight includes bucket cylinder, linkage, and pin

STANDARD / OPTIONAL

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
Radio & USB player
Cabin roof-steel cover
12 volt power outlet (24V DC to 12V DC converter)
Computer aided power optimization (New CAPO) system
3-power mode, 2-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
Door and cab locks, one key
Two outside rearview mirrors
Fully adjustable suspension seat with seat belt
Pilot-operated slidable joystick
Four front working lights (2 boom mounted, 2 front frame mounted)
Electric horn
Batteries (2 x 12V x 160 AH)
Battery master switch
Removable clean-out dust net for cooler
Automatic swing brake
Removable reservoir tank
Fuel pre-filter
Boom holding system
Arm holding system
Track shoes (600mm)
Track rail guard
Accumulator for lowering work equipment
Electric transducer
Lower frame under cover (Normal)

OPTIONAL EQUIPMENT

Fuel filler pump (35 L/min)
Beacon lamp
Single-acting piping kit (breaker, etc.)
Double-acting piping kit (clamshell, etc.)
Quick coupler
Travel alarm
Booms
5.85 m
Arms
2.1 m
2.5 m
3.05 m
3.6 m
Cabin FOPS/FOG (ISO/DIS 10262-Level II)
FOPS (Falling Object Protective Structure)
FOG (Falling Object Guard)
Cabin guard-front
Wire net
Fine net
Cabin lights
Cabin front window rain guard
Sun visor
Track shoes
Triple grousers shoe (700mm)
Triple grousers shoe (800mm)
Triple grousers shoe (900mm)
Double grousers shoe (700mm)
Full track rail guard (High walker only)
Lower frame under cover (Additional)
Pre-heating system, coolant
Tool kit
Operator suit
Rearview camera
Seat
Mechanical suspension seat with heater
Hi MATE (Remote Management System)
Fuel warmer
Air compressor
Rear work lamp
Precleaner