Robex With Tier 4 Interim Engine installed

125LCR-9A

MOVING YOU FURTHER

HYUNDAI HEAVY INDUSTRIES

*Photo may include optional equipment.

HYUNDAI
CONSTRUCTION EQUIPMENT AMERICAS, INC.

PRIDE AT WORK

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!

Robex 125LCR-9A

Machine Walk-Around

Engine Technology

Low emission, complies Tier 4 Interim & EU Stage III B regulation
Low noise, meet EU 2nd noise regulation

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 valves, 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 / See-through upper skylight for visibility and ventilation
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
Heated suspension (standard) or optional air ride suspension with heat
New joystick consoles - now adjustable in height by pushing the button
Integrated seat with consoles - reduce the operator fatigue

Advanced 7" Color Cluster with Touch Screen
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.
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 download capability
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 7A series!

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

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

PRECISION

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

*Photo may include optional equipment.

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 the electronically controlled engine to provide the optimum level of engine power and 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 and engine power 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 9A 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.

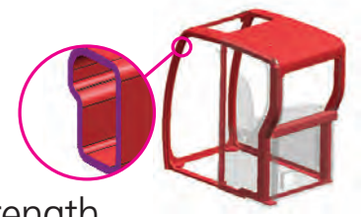
PERFORMANCE

9A series is designed for maximum performance to keep the operator working productively.

*Photo may include optional equipment.

Track Rail Guard & Adjusters

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



Perkins 1204E Engine

Tier 4 interim, four cylinder, 4 cycle, turbo-charged, charge air cooled Perkins 1204E engine provides maximum power, reliability, optimum fuel economy, and reduced emissions. Electronically controlled fuel injection and diagnostic capabilities add to the engines efficiency and serviceability.

Better Performance

Using DPF (Diesel Particulate Filter) enables uncompromised, fuel economy and reduced cooling pack size, because the engine calibration does not solely need to be focussed on low paticulates. By using mainly passive regeneration and low back pressure aftertreatment designs fuel economy is not negatively impacted.

Integrated aftertreatment without operating impact

The 1204E engines have fully transparent regeneration strategies and service free DPF, completely seamless to the operator.

One solution for all regions

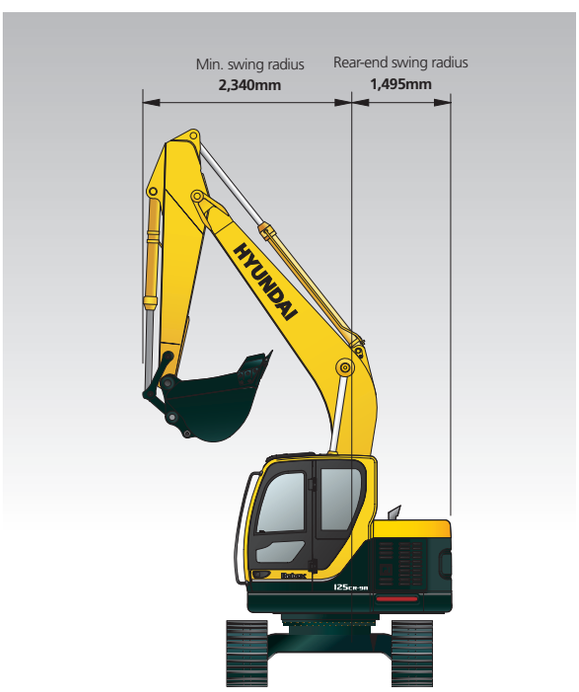
Area mandating the use of DPF are increasing and european air quality directive will drive more non-attainment zones. Because our products use DPFs, our customers don't have to offer a retrofit DPF option to allow machines to operate in these territories.

Structure Strength

The 9A 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.
ROPS(Roll Over Protective Structure) cab can be equipped to enhance operator safety.

Excellent Performance in Confined Areas

R125LCR-9A's short (1,500mm) tail swing radius allows the operator work in confined areas like close to buildings on roadways, and in urban areas. This Compact radius design provides easy and efficient operation in any limited space work environment.



PREFERENCE

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

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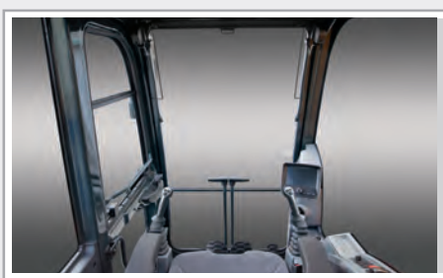


Wide Cabin with Excellent Visibility

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.

Operator Comfort

In 9A series cabin you can easily adjust the seat, console and armrest settings to best suit your comfort level. The seat integrated with console absorb console vibration by seat suspension and reduce operator's fatigue. Other preference settings that add to overall operator comfort include the fully automatic high capacity airconditioning system, transparent polycarbonate glass sun roof, large and easy to control sun visor, and the Radio / USB player.

Reduced Stress

Work is stressful enough. Your work environment should be stress free. Hyundai's 9A 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 and MP3 capabilities, plus remotely located controls is perfect for listening to music favorites.
Operators can even talk on the phone with the hands-free cell phone feature. Also, the newly designed remote control offers radio hands-free function.

Smart Key System (Option)

9A series excavators provide smart key system as an option. This allows the operator to start the engine by the push of a starter button without inserting a key in the ignition.

Operator - Friendly Cluster

The advanced new cluster with 7 inch wide color LCD with Touch 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.
The newly applied FM transmitter application transmits signal to USB & Radio player with the same frequency as cluster. The player outputs the audio through the internal speaker in the cab. The video & firmware updates are possible with USB host support and an adjustable cluster hinge bracket improves cluster visibility.

Monitor Tilt Range

Horizontal
Total : 150°

Vertical
Total : 30°

PROFITABILITY

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

*Photo may include optional equipment.

Hi-mate (Remote Management System)

Hi-mate, Hyundai's proprietary remote management system, provides operators and dealer service personnel access to vital service and diagnostic information on the machine from any computer with internet access. Users can pinpoint machine location using digital mapping and set machine work boundaries, reducing the need for multiple service calls. Hi-mate saves time and money for the owner and dealer by promoting preventative maintenance and reducing machine downtime.

Fuel Efficiency

9A series excavators are engineered to be extremely fuel efficient. New innovations like fan clutch, the variable speed remote fan, three-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 9A series.

Long-Life Components

9A 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.

Specifications

ENGINE

MODEL			Perkins 1204E
Type			Water cooled, 4 cycle Diesel, 4-cylinders in line, direct injection, turbocharged charger and air cooled
Rated flywheel horse power	SAE	J1995 (gross)	124 HP (92.7 kW) / 1,950 rpm
		J1349 (net)	116 HP (87 kW) / 1,950 rpm
	DIN	6271/1 (gross)	126 PS (92.7 kW) / 1,950 rpm
		6271/1 (net)	118 PS (87 kW) / 1,950 rpm
Max. torque			54.0 kgf·m(391 lbf·ft)/ 1,400 rpm
Bore X stroke			105 x 127 mm (4.1" x 5.0")
Piston displacement			4,400cc (268.5 in^3)
Batteries			2 X 12V X 100AH
Starting motor			24V- 4.5kW
Alternator			24V- 85Amp

HYDRAULIC SYSTEM

MAIN PUMP	
Type	Variable displacement tandem axis piston pumps
Rated flow	2 X 123.5L /min (32.6 US gpm / 27.2 UK gpm)
Sub-pump for pilot circuit	Gear pump

Cross-sensing and fuel saving pump system.

HYDRAULIC MOTORS	
Travel	Two speed axial pistons motor with brake valve and parking brake
Swing	Axial piston motor with automatic brake

RELIEF VALVE SETTING		
Implement circuits	350 kgf/cm^2 (4,980 psi)	
Travel	350 kgf/cm^2 (4,980 psi)	
Power boost (boom, arm, bucket)	380 kgf/cm^2 (5,410 psi)	
Swing circuit	285 kgf/cm^2 (4,050 psi)	
Pilot circuit	40 kgf/cm^2 (570 psi)	
Service valve	Installed	

HYDRAULIC CYLINDERS		
No. of cylinder bore X stroke	Boom: 2-105 X 1,105 mm (4.1" X 43.5")	
	Arm: 1-115 X 1,138 mm (4.5" X 44.8")	
	Bucket: 1-100 X 840 mm (3.9" X 33.1")	
	Blade: 2-100 X 250 mm (3.9" X 9.8")	
	2 pcs Boom	1st: 2-105 X 995 mm (4.1" X 39.2")
		2nd: 1-145 X 613 mm (5.7" X 24.1")

DRIVES & BRAKES

Drive method	Fully hydrostatic type
Drive motor	Axial piston motor, in-shoe design
Reduction system	Planetary reduction gear
Max. drawbar pull	13,300 kgf (29,321 lbf)
Max. travel speed(high) / (low)	5.5 km/hr (3.4 mph) / 3.3 km/hr (2.1 mph)
Gradeability	35° (70 %)
Parking brake	Multi wet disc

CONTROL

Pilot pressure operated joysticks and pedals with detachable lever provide almost effortless and fatigueless operation.

Pilot control	Two joysticks with one safety lever (LH): Swing and arm, (RH): Boom and bucket(ISO)
Traveling and steering	Two levers with pedals
Engine throttle	Electric, Dial type

SWING SYSTEM

Swing motor	Fixed displacement axial piston motor
Swing reduction	Planetary gear reduction
Swing bearing lubrication	Grease-bathed
Swing brake	Multi wet disc
Swing speed	12.6 rpm

COOLANT & LUBRICANT CAPACITY

Refilling	liter	US gal	UK gal
Fuel tank	210	61.3	51.0
Engine coolant	14.5	2.8	2.3
Engine oil	10.5	2.8	2.3
Swing device-gear oil	2.5	0.7	0.5
Final drive(each)-gear oil	2.2	0.6	0.5
Hydraulic system(including tank)	160	47.6	39.6
Hydraulic tank	80	25.4	21.1

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	R125CR-9A	41EA	R125LCR-9A	43EA
No. of carrier roller on each side		1 EA		1 EA
No. of track roller on each side		6 EA		6 EA
No. of rail guard on each side		1 EA		1 EA

OPERATING WEIGHT (APPROXIMATE)

Operating weight, including 4,300mm (14' 1") boom, 2,260mm (7' 5") arm, SAE heaped 0.40m^3 (0.52 yd^3) bucket, lubricant, coolant, full fuel tank, full hydraulic tank, and all standard equipments.

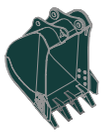
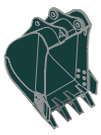
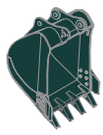
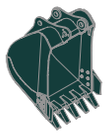
MAJOR COMPONENT WEIGHT	
Upperstructure	6,950 kg (15,320 lb)
4.3m (14' 1")mono boom(with arm cylinder)	950 kg (2,090 lb)

OPERATING WEIGHT

Shoes			Operating weight	Ground pressure
Type	Width mm(in)		kg(lb)	kgf/cm^2(psi)
Triple grouser	500 (20")	R125CR-9A	12,350(27,230)	0.44(6.24)
		R125CR-9A (Dozer type)	13,050(28,770)	0.46(6.54)
		R125LCR-9A	12,500(27,560)	0.42(5.91)
		R125LCR-9A (Dozer type)	13,200(29,100)	0.44(6.24)
	600 (24")	R125CR-9A	12,500(17,560)	0.37(5.26)
		R125CR-9A (Dozer type)	13,200(29,100)	0.39(5.55)
		R125LCR-9A	12,650(27,890)	0.35(4.98)
		R125LCR-9A (Dozer type)	13,350(29,430)	0.37(5.26)
	700 (28")	R125CR-9A	12,650(27,890)	0.32(4.55)
		R125CR-9A (Dozer type)	13,350(29,430)	0.34(4.83)
		R125LCR-9A	12,800(28,220)	0.30(4.27)
		R125LCR-9A (Dozer type)	13,500(29,760)	0.32(4.55)

BUCKETS

All buckets are welded with high-strength steel.

SAE heaped m^3 (yd^3)	0.30 (0.39)	0.40 (0.52)	0.45 (0.59)	0.50 (0.65)	0.59 (0.77)

Capacity m^3 (yd^3)		Width mm (in)		Weight kg (lb)	Recommendation mm (ft·in)		
					4,300 (14′ 1″) Boom		
SAE heaped	CECE heaped	Without sidecutters	With sidecutters		1,960 (6′ 5″) Arm	2,260 (7′ 5″) Arm	2,810 (9′ 3″) Arm
0.30 (0.39)	0.27(0.35)	610(24.0)	720(28.3)	360(790)			
0.40 (0.52)	0.44(0.58)	760(29.9)	870(34.3)	410(900)	●	●	●
0.45 (0.59)	0.40(0.52)	830(32.7)	940(37.0)	430(950)	●	●	▪
0.50 (0.65)	0.45(0.59)	900(35.4)	1,010(39.8)	450(990)	●	▪	●
0.59 (0.77)	0.52(0.68)	1,020(40.2)	1,130(44.5)	490(1,080)	▪	●	-

●: Applicable for materials with density of 2,000 kg /m^3 (3,370 lb/ yd^3) or less
▪: Applicable for materials with density of 1,600 kg /m^3 (2,700 lb/ yd^3) or less
●: Applicable for materials with density of 1,100 kg /m^3 (1,850 lb/ yd^3) or less

ATTACHMENT

Booms and arms are welded, a low-stress, full-box section design. 4.3m(14′ 1″) boom and 1.96m(6′ 5″), 2.26m(7′ 5″), 2.81m(9′ 3″)arms are available.

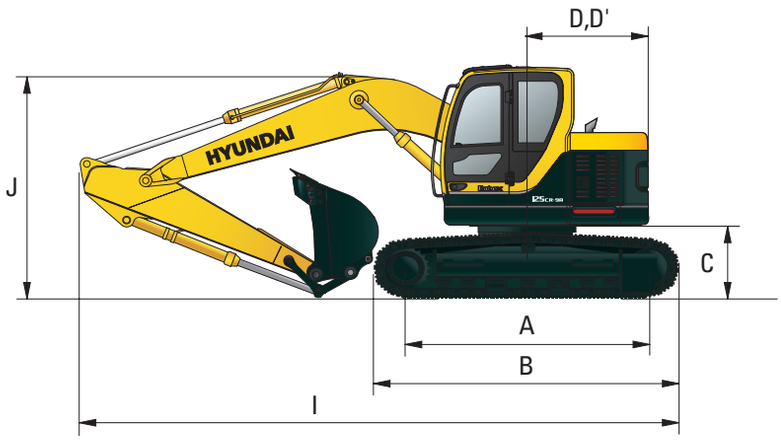
DIGGING FORCE

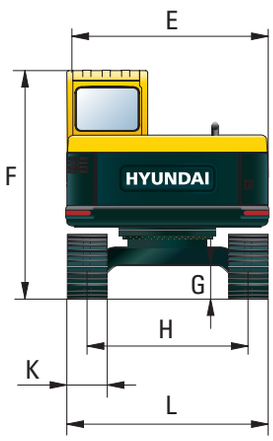
Boom	Length	mm (ft·in)	4,300 (14′ 1″)			Remarks
	Weight	kg (lb)	950 (2,090)			
Arm	Length	mm (ft·in)	1,960 (6′ 5″)	2,260 (7′ 5″)	2,810 (9′ 3″)	
	Weight	kg (lb)	320 (710)	340 (750)	400 (880)	
Bucket digging force	SAE	kN	78.5[85.6]	78.5[85.6]	78.5[85.6]	[ ]: Power Boost
		kgf	8,000[8,730]	8,000[8,730]	8,000[8,730]	
		lbf	17,640[19,240]	17,640[19,240]	17,640[19,240]	
	ISO	kN	90.2[98.4]	90.2[98.4]	90.2[98.4]	
		kgf	9,200[10,040]	9,200[10,040]	9,200[10,040]	
		lbf	20,280[22,120]	20,280[22,120]	20,280[22,120]	
Arm crowd force	SAE	kN	60.2[65.7]	55.7[60.8]	48.1[52.4]	
		kgf	6,140[6,700]	5,680[6,200]	4,900[5,350]	
		lbf	13,540[14,770]	12,520[13,660]	10,800[11,780]	
	ISO	kN	62.9[68.6]	58.1[63.3]	49.7[54.2]	
		kgf	6,410[6,990]	5,920[6,460]	5,070[5,530]	
		lbf	14,130[15,410]	13,050[14,240]	11,180[12,200]	

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

Dimensions & Working Range

R125CR-9A DIMENSIONS





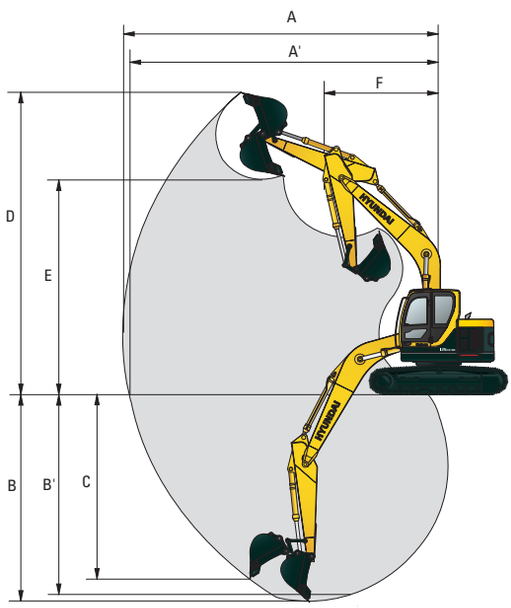
mm (ft·in)

A	Tumbler distance	2,610 (8' 6")
B	Overall length of crawler	3,340 (11' 0")
C	Ground clearance of counterweight	890 (3′ 10″)
D	Tail swing radius	1,500 (4′ 10″)
D'	Rear-end length	1,500 (4′ 10″)
E	Overall width of upperstructure	2,490 (8′ 2″)
F	Overall height of cab	2,900 (9′ 6″)
G	Min. ground clearance	440 (1′ 5″)
H	Track gauge	1,990 (6′ 6″)

	Boom length	4,300 (14′ 1″)		
	Arm length	1,960 (6′ 5″)	2,260 (7′ 5″)	2,810 (9′ 3″)
I	Overall length	6,760 (22′ 2″)	6,780 (22′ 3″)	6,720 (22′ 1″)
J	Overall height of boom	2,530 (8′ 3″)	2,740 (9′ 0″)	3,070 (10′ 1″)
K	Track shoe width	500 (20″)	600 (24″)	700 (28″)
L	Overall width	2,500 (8′ 2″)	2,600 (8′ 6″)	2,700 (8′ 10″)

R125CR-9A WORKING RANGE

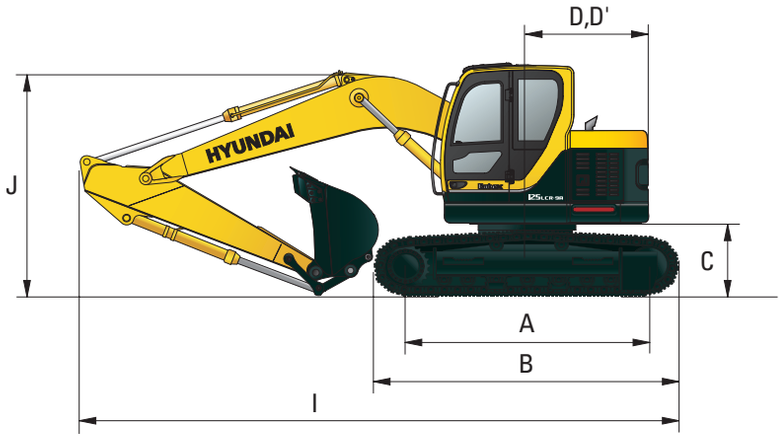
mm (ft·in)

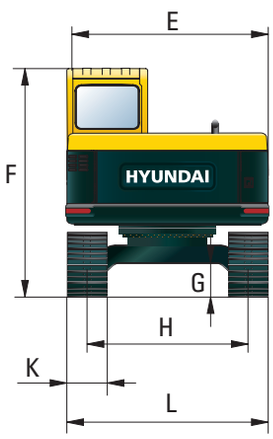


	Boom length	4,300 (14′ 1″)		
	Arm length	1,960 (6′ 5″)	2,260 (7′ 5″)	2,810 (9′ 3″)
A	Max. digging reach	7,420 (24′ 4″)	7,700 (25′ 3″)	8,230 (27′ 0″)
A'	Max. digging reach on ground	7,270 (23′ 10″)	7,560 (24′ 10″)	8,090 (26′ 6″)
B	Max. digging depth	4,760 (15′ 7″)	5,060 (16′ 7″)	5,610 (14′ 0″)
B'	Max. digging depth (8' level)	4,500 (14′ 9″)	4,830 (15′ 10″)	5,420 (17′ 8″)
C	Max. vertical wall digging depth	4,140 (13′ 7″)	4,410 (14′ 6″)	4,970 (16′ 3″)
D	Max. digging height	7,910 (25′ 11″)	8,100 (26′ 7″)	8,480 (27′ 9″)
E	Max. dumping height	5,550 (18′ 3″)	5,740 (18′ 10″)	6,120 (20′ 1″)
F	Min. swing radius	2,280 (7′ 6″)	2,340 (7′ 8″)	2,460 (8′ 1″)

Dimensions & Working Range

R125LCR-9A DIMENSIONS





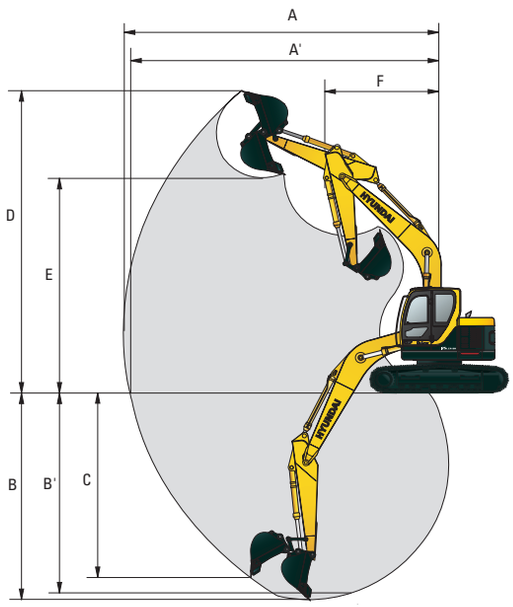
mm (ft·in)

A	Tumbler distance	2,780 (9' 2")
B	Overall length of crawler	3,680 (12' 1")
C	Ground clearance of counterweight	890 (2′ 10″)
D	Tail swing radius	1,500 (4′ 10″)
D′	Rear-end length	1,500 (4′ 10″)
E	Overall width of upperstructure	2,490 (8′ 2″)
F	Overall height of cab	2,900 (9′ 6″)
G	Min. ground clearance	440 (1′ 5″)
H	Track gauge	1,990 (6′ 6″)

	Boom length	4,300 (14′ 1″)		
	Arm length	1,960 (6′ 5″)	2,260 (7′ 5″)	2,810 (9′ 3″)
I	Overall length	6,840 (22′ 5″)	6,860 (22′ 6″)	6,800 (22′ 3″)
J	Overall height of boom	2,530 (8′ 3″)	2,740 (9′ 0″)	3,010 (10′ 1″)
K	Track shoe width	500 (20″)	600 (24″)	700 (28″)
L	Overall width	2,500 (8′ 2″)	2,600 (8′ 6″)	2,700 (8′ 10″)

R125LCR-9A WORKING RANGE

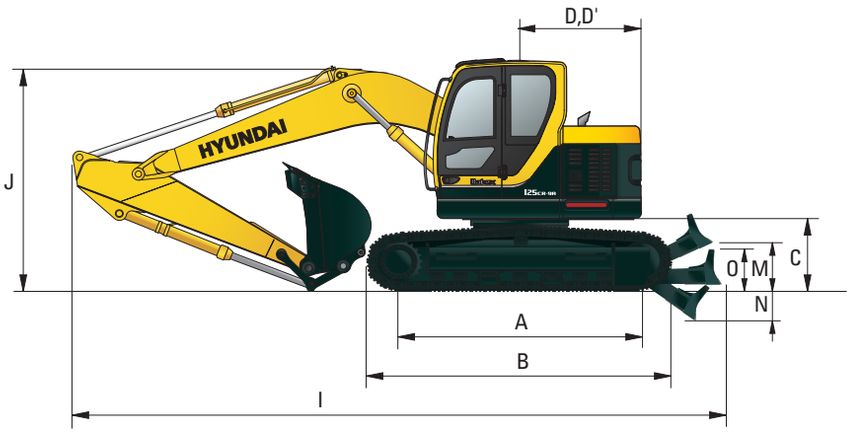
mm (ft·in)

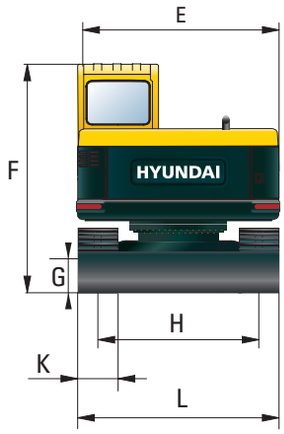


	Boom length	4,300 (14′ 1″)		
	Arm length	1,960 (6′ 5″)	2,260 (7′ 5″)	2,810 (9′ 3″)
A	Max. digging reach	7,420 (24′ 4″)	7,700 (25′ 3″)	8,230 (27′ 0″)
A′	Max. digging reach on ground	7,270 (23′ 10″)	7,560 (24′ 10″)	8,090 (26′ 6″)
B	Max. digging depth	4,760 (15′ 7″)	5,060 (16′ 7″)	5,610 (14′ 0″)
B′	Max. digging depth (8' level)	4,500 (14′ 9″)	4,830 (15′ 10″)	5,420 (17′ 8″)
C	Max. vertical wall digging depth	4,140 (13′ 7″)	4,410 (14′ 6″)	4,970 (16′ 3″)
D	Max. digging height	7,910 (25′ 11″)	8,100 (26′ 7″)	8,480 (27′ 9″)
E	Max. dumping height	5,550 (18′ 3″)	5,740 (18′ 10″)	6,120 (20′ 1″)
F	Min. swing radius	2,280 (7′ 6″)	2,340 (7′ 8″)	2,460 (8′ 1″)

Dimensions & Working Range

R125CR-9A (DOZER TYPE) DIMENSIONS





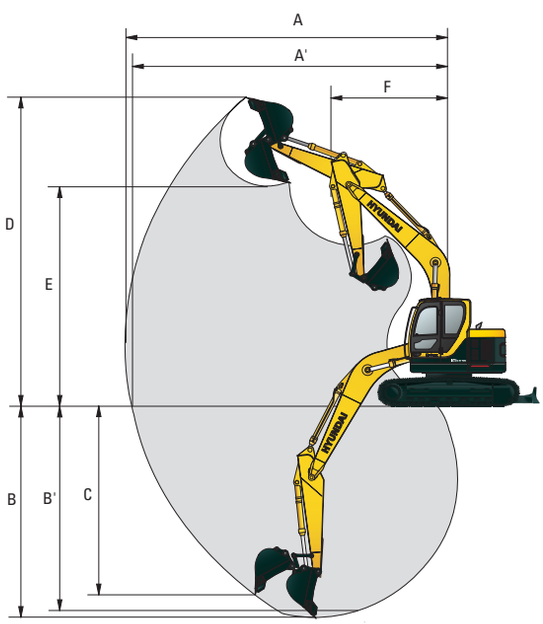
mm (ft·in)

A	Tumbler distance	2,610 (8' 6")
B	Overall length of crawler	3,340 (11' 0")
C	Ground clearance of counterweight	890 (2′ 10″)
D	Tail swing radius	1,500 (4′ 10″)
D'	Rear-end length	1,500 (4′ 10″)
E	Overall width of upperstructure	2,490 (8′ 2″)
F	Overall height of cab	2,900 (9′ 6″)
G	Min. ground clearance	440 (1′ 5″)
H	Track gauge	1,990 (6′ 6″)
M	Ground clearance of blade up	540 (1′ 8″)
N	Depth of blade down	530 (1′ 8″)
O	Height of blade	580 (1′ 9″)

	Boom length	4,300 (14′ 1″)		
	Arm length	1,960 (6′ 5″)	2,260 (7′ 5″)	2,810 (9′ 3″)
I	Overall length	7,560 (24′ 8″)	7,580 (24′ 9″)	7,520 (24′ 7″)
J	Overall height of boom	2,530 (8′ 3″)	2,740 (9′ 0″)	3,070 (10′ 1″)
K	Track shoe width	500 (20″)	600 (24″)	700 (28″)
L	Overall width	2,500 (8′ 2″)	2,600 (8′ 6″)	2,700 (8′ 10″)

R125CR-9A (DOZER TYPE) WORKING RANGE

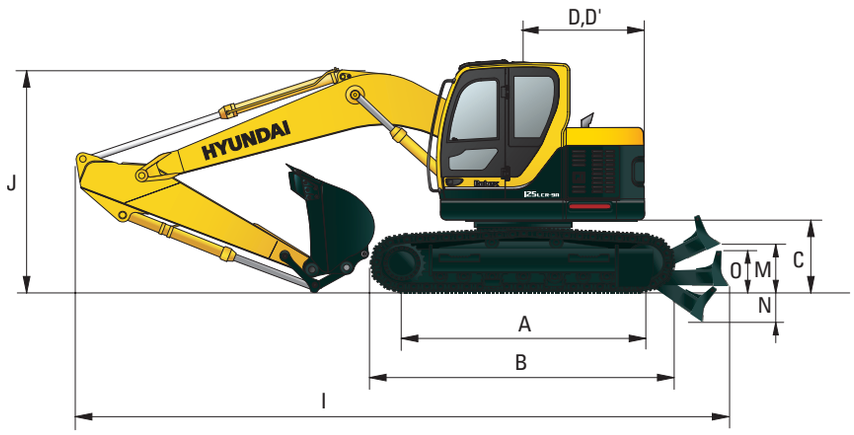
mm (ft·in)

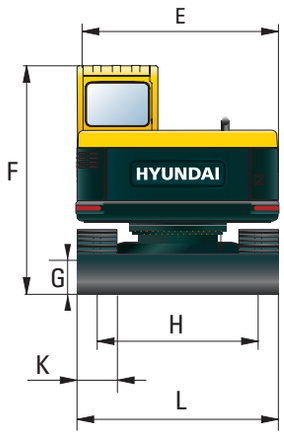


	Boom length	4,300 (14′ 1″)		
	Arm length	1,960 (6′ 5″)	2,260 (7′ 5″)	2,810 (9′ 3″)
A	Max. digging reach	7,420 (24′ 4″)	7,700 (25′ 3″)	8,230 (27′ 0″)
A'	Max. digging reach on ground	7,270 (23′ 10″)	7,560 (24′ 10″)	8,090 (26′ 6″)
B	Max. digging depth	4,760 (15′ 7″)	5,060 (16′ 7″)	5,610 (18′ 4″)
B'	Max. digging depth (8' level)	4,500 (14′ 9″)	4,830 (15′ 10″)	5,420 (17′ 8″)
C	Max. vertical wall digging depth	4,140 (13′ 7″)	4,410 (14′ 6″)	4,970 (16′ 3″)
D	Max. digging height	7,910 (25′ 11″)	8,100 (26′ 7″)	8,480 (27′ 9″)
E	Max. dumping height	5,550 (18′ 3″)	5,740 (18′ 10″)	6,120 (20′ 1″)
F	Min. swing radius	2,280 (7′ 6″)	2,340 (7′ 8″)	2,460 (8′ 1″)

Dimensions & Working Range

R125LCR-9A (DOZER TYPE) DIMENSIONS





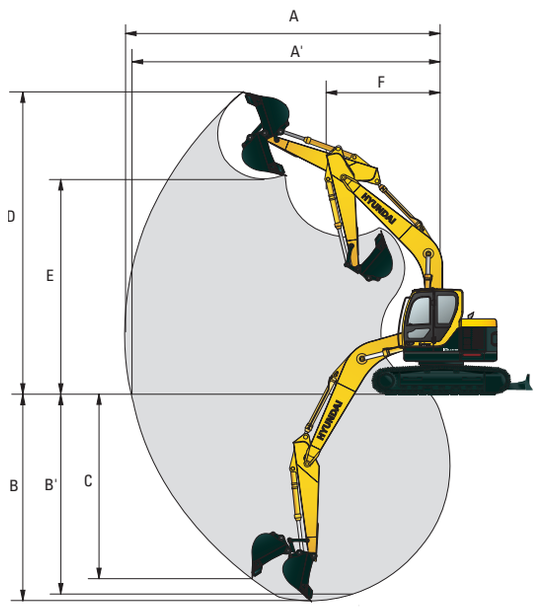
mm (ft·in)

A	Tumbler distance	2,780 (9' 2")
B	Overall length of crawler	3,678 (12' 1")
C	Ground clearance of counterweight	890 (2′ 10″)
D	Tail swing radius	1,500 (4′ 10″)
D′	Rear-end length	1,500 (4′ 10″)
E	Overall width of upperstructure	2,490 (8′ 2″)
F	Overall height of cab	2,900 (9′ 6″)
G	Min. ground clearance	440 (1′ 5″)
H	Track gauge	1,990 (6′ 6″)
M	Ground clearance of blade up	540 (1′ 8″)
N	Depth of blade down	530 (1′ 8″)
O	Height of blade	580 (1′ 9″)

	Boom length	4,300 (14′ 1″)		
	Arm length	1,960 (6′ 5″)	2,260 (7′ 5″)	2,810 (9′ 3″)
I	Overall length	7,560 (24′ 8″)	7,580 (24′ 9″)	7,520 (24′ 7″)
J	Overall height of boom	2,530 (8′ 3″)	2,740 (9′ 0″)	3,070 (10′ 1″)
K	Track shoe width	500 (20″)	600 (24″)	700 (28″)
L	Overall width	2,500 (8′ 2″)	2,600 (8′ 6″)	2,700 (8′ 10″)

R125LCR-9A (DOZER TYPE) WORKING RANGE

mm (ft·in)



	Boom length	4,300 (14′ 1″)		
	Arm length	1,960 (6′ 5″)	2,260 (7′ 5″)	2,810 (9′ 3″)
A	Max. digging reach	7,420 (24′ 4″)	7,700 (25′ 3″)	8,230 (27′ 0″)
A′	Max. digging reach on ground	7,270 (23′ 10″)	7,560 (24′ 10″)	8,090 (26′ 6″)
B	Max. digging depth	4,760 (15′ 7″)	5,060 (16′ 7″)	5,610 (18′ 4″)
B′	Max. digging depth (8' level)	4,500 (14′ 9″)	4,830 (15′ 10″)	5,420 (17′ 8″)
C	Max. vertical wall digging depth	4,140 (13′ 7″)	4,410 (14′ 6″)	4,970 (16′ 3″)
D	Max. digging height	7,910 (25′ 11″)	8,100 (26′ 7″)	8,480 (27′ 9″)
E	Max. dumping height	5,550 (18′ 3″)	5,740 (18′ 10″)	6,120 (20′ 1″)
F	Min. swing radius	2,280 (7′ 6″)	2,340 (7′ 8″)	2,460 (8′ 1″)

Lifting Capacity

R125CR-9A

Rating over-front Rating over-side or 360 degree

Boom : 4.3 m (14′ 1″) / Arm : 2.26 m (7′ 5″) / Bucket : 0.40 m³ SAE heaped / Shoe : 500mm(20″) triple grouser

Load point height m (ft)		Load radius								At max. reach		
		1.5 m (5 ft)		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		Capacity		Reach
												m (ft)
6.0 m	kg					*1780	*1780			*1770	1530	5.97
(20 ft)	lb					*3920	*3920			*3900	3370	(19.6)
4.5 m	kg					*1820	*1820	*1480	1450	1670	1110	6.90
(15 ft)	lb					*4010	*4010	*3260	3200	3680	3420	(22.6)
3.0m	kg			*2850	*2850	*2300	*2300	*2090	1400	1440	930	7.34
(10 ft)	lb			*6280	*6280	*5070	*5070	*4610	3090	3170	2050	(24.1)
1.5 m	kg			*4670	4240	*2980	2180	2000	1320	1370	870	7.41
(5 ft)	lb			*10300	9350	*6570	4810	4410	2910	3020	1920	(24.3)
Ground	kg			*5790	3840	3080	2000	1920	1240	1450	920	7.13
Line	lb			*12760	8440	6790	4410	4230	2730	3200	2030	(23.4)
-1.5 m	kg	*5690	*5690	*5970	3730	2990	1920	1890	1210	1730	1120	6.42
(-5 ft)	lb	*12540	*12540	*13160	8220	6590	4230	4170	2670	3810	2470	(21.1)
-3.0 m	kg	*8700	*8700	*5360	3810	3030	1950			*2290	1730	5.08
(-10 ft)	lb	*19180	*19180	*11820	8400	6680	4300			*5050	3810	(16.7)

Boom : 4.3 m (14′ 1″) / Arm : 1.96 m (7′ 5″) / Bucket : 0.40 m³ SAE heaped / Shoe : 500mm(20″) triple grouser

Load point height m (ft)		Load radius								At max. reach		
		1.5 m (5 ft)		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		Capacity		Reach
												m (ft)
6.0 m	kg					*1780	*1780			*1900	1710	5.61
(20 ft)	lb					*3920	*3920			*4190	3770	(18.4)
4.5 m	kg					*2040	*2040			1810	1210	6.59
(15 ft)	lb					*4500	*4500			3990	2670	(21.6)
3.0m	kg			*3270	*3270	*2500	2370	2080	1390	1550	1010	7.06
(10 ft)	lb			*7210	*7210	*5510	5220	4590	3060	3420	2230	(23.2)
1.5 m	kg			*5030	4140	*3160	2160	2000	1310	1480	950	7.13
(5 ft)	lb			*11090	9130	*6970	4760	4410	2890	3260	2090	(23.4)
Ground	kg			*5940	3820	3080	2000	1930	1250	1570	1010	6.83
Line	lb			*13100	8420	6790	4410	4250	2760	3460	2230	(22.4)
-1.5 m	kg	*6190	*6190	*5920	3770	3020	940			1910	1250	6.08
(-5 ft)	lb	*13650	*13650	*13050	8310	6660	4280			4210	2760	(19.9)
-3.0 m	kg	*9140	*9140	*5210	3880	3090	2000					
(-10 ft)	lb	*20150	*20150	*11290	8550	6810	4410					

Boom : 4.3 m (14′ 1″) / Arm : 2.81 m (9′ 2″) / Bucket : 0.40 m³ SAE heaped / Shoe : 500mm(20″) triple grouser

Load point height m (ft)		Load radius								At max. reach		
		1.5 m (5 ft)		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		Capacity		Reach
												m (ft)
6.0 m	kg									*1550	1230	6.64
(20 ft)	lb									*3420	2710	(21.8)
4.5 m	kg							*1620	1480	1420	920	7.47
(15 ft)	lb							*3570	3260	3130	2030	(24.5)
3.0m	kg					*1910	*1910	*1810	1420	1240	780	7.88
(10 ft)	lb					*4210	*4210	*3990	3130	2730	1720	(25.9)
1.5 m	kg			*3960	*3960	*2640	2210	2000	1320	1190	730	7.95
(5 ft)	lb			*8730	*8730	*5820	4870	4410	2910	2620	1610	(26.1)
Ground	kg	*3340	*3340	5420	3880	3090	2000	1900	1220	1240	760	7.68
Line	lb	*7360	*7360	*11950	8550	6810	4410	4190	2690	2730	1680	(25.2)
-1.5 m	kg	*5070	*5070	*5920	3690	2960	1880	1840	1160	1440	900	7.04
(-5 ft)	lb	*11180	*11180	*13050	8140	6530	4140	4060	2560	3170	1980	(23.1)
-3.0 m	kg	*7380	*7380	*5640	3700	2940	1870			2000	1300	5.88
(-10 ft)	lb	*16270	*16270	*12430	8160	6480	4120			4410	2870	(19.3)
-4.5 m	kg			*4290	3890							
(-15 ft)	lb			*9460	8580							

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 (standard equipment) located on the back of the bucket.
4. (*) indicates load limited by hydraulic capacity.

Lifting Capacity

R125CRD-9A

Rating over-front Rating over-side or 360 degree

Boom : 4.3 m (14′ 1″) / Arm : 2.26 m (7′ 5″) / Bucket : 0.40 m³ SAE heaped / Shoe : 500mm(20″) triple grouser

Load point height m (ft)		Load radius								At max. reach		
		1.5 m (5 ft)		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		Capacity		Reach
												m (ft)
6.0 m	kg					*1780	*1780			*1770	*1770	5.97
(20 ft)	lb					*3920	*3920			*3900	*3900	(19.6)
4.5 m	kg					*1820	*1820	*1480	*1480	*1850	1330	6.90
(15 ft)	lb					*4010	*4010	*3260	*3260	*4080	2930	(22.6)
3.0m	kg			*2850	*2850	*2300	*2300	*2090	1680	*1940	1140	7.34
(10 ft)	lb			*6280	*6280	*5070	*5070	*4610	3700	*4280	2510	(24.1)
1.5 m	kg			*4670	*4670	*2980	2590	*2370	1590	*2060	1080	7.41
(5 ft)	lb			*10300	*10300	*6570	5710	*5220	3510	*4540	2380	(24.3)
Ground	kg			*5790	4640	*3560	2410	*2630	1510	*2180	1130	7.13
Line	lb			*12760	10230	*7850	5310	*5800	3330	*4810	2490	(23.4)
-1.5 m	kg	*5690	*5690	*5970	4540	*3770	2320	*2660	1480	*2300	1360	6.42
(-5 ft)	lb	*12540	*12540	*13160	10010	*8310	5110	*5860	3260	*5070	3000	(21.1)
-3.0 m	kg	*8700	*8700	*5360	4620	*3430	2350			*2290	2070	5.08
(-10 ft)	lb	*19180	*19180	*11820	10190	*7560	5180			*5050	4560	(16.7)

Boom : 4.3 m (14′ 1″) / Arm : 1.96 m (7′ 5″) / Bucket : 0.40 m³ SAE heaped / Shoe : 500mm(20″) triple grouser

Load point height m (ft)		Load radius								At max. reach		
		1.5 m (5 ft)		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		Capacity		Reach
												m (ft)
6.0 m	kg					*1780	*1780			*1900	*1900	5.61
(20 ft)	lb					*3920	*3920			*4190	*4190	(18.4)
4.5 m	kg					*2040	*2040			*1970	*1450	6.59
(15 ft)	lb					*4500	*4500			*4340	*3200	(21.6)
3.0m	kg			*3270	*3270	*2500	*2500	*2230	1660	*2070	*1230	7.06
(10 ft)	lb			*7210	*7210	*5510	*5510	*4920	3660	*4560	*2710	(23.2)
1.5 m	kg			*5030	4960	*3160	2570	*2480	1580	*2190	*1160	7.13
(5 ft)	lb			*11090	10930	*6970	5670	*5470	3480	*4830	*2560	(23.4)
Ground	kg			*5940	4620	*3660	2410	*2690	1520	*2320	*1230	6.83
Line	lb			*13100	10190	*8070	5310	*5930	3350	*5110	*2710	(22.4)
-1.5 m	kg	*6190	*6190	*5920	4570	*3790	2350			*2420	*1510	6.08
(-5 ft)	lb	*13650	*13650	*13050	10080	*8360	5180			*5340	*3330	(19.9)
-3.0 m	kg	*9140	*9140	*5210	4690	*3240	2410					
(-10 ft)	lb	*20150	*20150	*11290	10340	*7140	5310					

Boom : 4.3 m (14′ 1″) / Arm : 2.81 m (9′ 2″) / Bucket : 0.40 m³ SAE heaped / Shoe : 500mm(20″) triple grouser

Load point height m (ft)		Load radius								At max. reach		
		1.5 m (5 ft)		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		Capacity		Reach
												m (ft)
6.0 m	kg									*1550	1470	6.64
(20 ft)	lb									*3420	3240	(21.8)
4.5 m	kg							*1620	*1620	*1630	1130	7.47
(15 ft)	lb							*3570	*3570	*3590	2490	(24.5)
3.0m	kg					*1910	*1910	*1810	1690	*1720	970	7.88
(10 ft)	lb					*4210	*4210	*3990	3730	*3790	2140	(25.9)
1.5 m	kg			*3960	*3960	*2640	2630	*2140	1590	*1820	920	7.95
(5 ft)	lb			*8730	*8730	*5820	5800	4720	3510	*4010	2030	(26.1)
Ground	kg	*3340	*3340	5420	4700	*3320	2410	*2460	1490	*1950	960	7.68
Line	lb	*7360	*7360	*11950	10360	*7320	5310	*5420	3280	*4300	2120	(25.2)
-1.5 m	kg	*5070	*5070	*5920	4500	*3680	2290	*2630	1430	*2070	1120	7.04
(-5 ft)	lb	*11180	*11180	*13050	9920	*8110	5050	*5800	3150	*4560	2470	(23.1)
-3.0 m	kg	*7380	*7380	*5640	4510	*3590	2270			*2150	1570	5.88
(-10 ft)	lb	*16270	*16270	*12430	9940	*7910	5000			*4740	3460	(19.3)
-4.5 m	kg			*4290	*4290							
(-15 ft)	lb			*9460	*9460							

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 (standard equipment) located on the back of the bucket.
4. (*) indicates load limited by hydraulic capacity.

Lifting Capacity

R125LCR-9A

Rating over-front Rating over-side or 360 degree

Boom : 4.3 m (14′ 1″) / Arm : 2.26 m (7′ 5″) / Bucket : 0.40 m³ SAE heaped / Shoe : 500mm(20″) triple grouser

Load point height m (ft)		Load radius								At max. reach		
		1.5 m (5 ft)		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		Capacity		Reach
												m (ft)
6.0 m	kg					*1780	*1780			*1770	1550	5.97
(20 ft)	lb					*3920	*3920			*3900	3420	(19.6)
4.5 m	kg					*1820	*1820	*1480	1470	1690	1120	6.90
(15 ft)	lb					*4010	*4010	*3260	3240	3730	2470	(22.6)
3.0m	kg			*2850	*2850	*2300	*2300	*2090	1430	1460	940	7.34
(10 ft)	lb			*6280	*6280	*5070	*5070	*4610	3150	3220	2070	(24.1)
1.5 m	kg			*4670	4290	*2980	2210	2030	1340	1390	890	7.41
(5 ft)	lb			*10300	9460	*6570	4870	4480	2950	3060	1960	(24.3)
Ground	kg			*5790	3890	3130	2030	1950	1260	1470	940	7.13
Line	lb			*12760	8580	6900	4480	4300	2780	3240	2070	(23.4)
-1.5 m	kg	*5690	*5690	*5970	3790	3040	1950	1920	1230	1760	1140	6.42
(-5 ft)	lb	*12540	*12540	*13160	8360	6700	4300	4230	2710	3880	2510	(21.1)
-3.0 m	kg	*8700	*8700	*5360	3860	3070	1980			*2290	1760	5.08
(-10 ft)	lb	*19180	*19180	*11820	8510	6770	4370			*5050	3880	(16.7)

Boom : 4.3 m (14′ 1″) / Arm : 1.96 m (7′ 5″) / Bucket : 0.40 m³ SAE heaped / Shoe : 500mm(20″) triple grouser

Load point height m (ft)		Load radius								At max. reach		
		1.5 m (5 ft)		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		Capacity		Reach
												m (ft)
6.0 m	kg					*1780	*1780			*1900	1740	5.61
(20 ft)	lb					*3920	*3920			*4190	3840	(18.4)
4.5 m	kg					*2040	*2040			1840	1230	6.59
(15 ft)	lb					*4500	*4500			4060	2710	(21.6)
3.0m	kg			*3270	*3270	*2500	2410	2110	1410	1570	1020	7.06
(10 ft)	lb			*7210	*7210	*5510	5310	4650	3110	3460	2250	(23.2)
1.5 m	kg			*5030	4200	*3160	2190	2030	1340	1500	970	7.13
(5 ft)	lb			*11090	9260	*6970	4830	4480	2950	3310	2140	(23.4)
Ground	kg			*5940	3870	3130	2030	1960	1270	1590	1030	6.83
Line	lb			*13100	8530	6900	4480	4320	2800	3510	2270	(22.4)
-1.5 m	kg	*6190	*6190	*5920	3820	3060	1970			1940	1270	6.08
(-5 ft)	lb	*13650	*13650	*13050	8420	6750	4340			4280	2800	(19.9)
-3.0 m	kg	*9140	*9140	*5210	3940	3130	2040					
(-10 ft)	lb	*20150	*20150	*11290	8690	6900	4500					

Boom : 4.3 m (14′ 1″) / Arm : 2.81 m (9′ 2″) / Bucket : 0.40 m³ SAE heaped / Shoe : 500mm(20″) triple grouser

Load point height m (ft)		Load radius								At max. reach		
		1.5 m (5 ft)		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		Capacity		Reach
												m (ft)
6.0 m	kg									*1550	1250	6.64
(20 ft)	lb									*3420	2760	(21.8)
4.5 m	kg							*1620	1510	1450	940	7.47
(15 ft)	lb							*3570	3330	3200	2070	(24.5)
3.0m	kg					*1910	*1910	*1810	1440	1260	800	7.88
(10 ft)	lb					*4210	*4210	*3990	3170	2780	1760	(25.9)
1.5 m	kg			*3960	*3960	*2640	2250	2030	1340	1210	750	7.95
(5 ft)	lb			*8730	*8730	*5820	4960	4480	2950	2670	1650	(26.1)
Ground	kg	*3340	*3340	5420	3940	3140	2030	1930	1240	1260	780	7.68
Line	lb	*7360	*7360	*11950	8690	6920	4480	4250	2730	2780	1720	(25.2)
-1.5 m	kg	*5070	*5070	*5920	3750	3000	1910	1870	1180	1470	920	7.04
(-5 ft)	lb	*11180	*11180	*13050	8270	6610	4210	4120	2600	3240	2030	(23.1)
-3.0 m	kg	*7380	*7380	*5640	3760	2990	1900			2030	1320	5.88
(-10 ft)	lb	*16270	*16270	*12430	8290	6590	4190			4480	2910	(19.3)
-4.5 m	kg			*4290	3950							
(-15 ft)	lb			*9460	8710							

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 (standard equipment) located on the back of the bucket.
4. (*) indicates load limited by hydraulic capacity.

Lifting Capacity

R125LCRD-9A

Rating over-front Rating over-side or 360 degree

Boom : 4.3 m (14′ 1″) / Arm : 2.26 m (7′ 5″) / Bucket : 0.40 m³ SAE heaped / Shoe : 500mm(20″) triple grouser

Load point height m (ft)		Load radius								At max. reach		
		1.5 m (5 ft)		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		Capacity		Reach
												m (ft)
6.0 m	kg					*1780	*1780			*1770	*1770	5.97
(20 ft)	lb					*3920	*3920			*3900	*3900	(19.6)
4.5 m	kg					*1820	*1820	*1480	*1480	*1850	1350	6.90
(15 ft)	lb					*4010	*4010	*3260	*3260	*4080	2980	(22.6)
3.0m	kg			*2850	*2850	*2300	*2300	*2090	1700	*1940	1150	7.34
(10 ft)	lb			*6280	*6280	*5070	*5070	*4610	3750	*4280	2540	(24.1)
1.5 m	kg			*4670	*4670	*2980	2630	*2370	1610	*2060	1090	7.41
(5 ft)	lb			*10300	*10300	*6570	5800	*5220	3550	*4540	2400	(24.3)
Ground	kg			*5790	4710	*3560	2440	*2630	1530	*2180	1150	7.13
Line	lb			*12760	10380	*7850	5380	*5800	3370	*4810	2540	(23.4)
-1.5 m	kg	*5690	*5690	*5970	4600	*3770	2360	*2660	1500	*2300	1380	6.42
(-5 ft)	lb	*12540	*12540	*13160	10140	*8310	5200	*5860	3310	*5070	3040	(21.1)
-3.0 m	kg	*8700	*8700	*5360	4680	*3430	2390			*2290	2100	5.08
(-10 ft)	lb	*19180	*19180	*11820	10320	*7560	5270			*5050	4630	(16.7)

Boom : 4.3 m (14′ 1″) / Arm : 1.96 m (7′ 5″) / Bucket : 0.40 m³ SAE heaped / Shoe : 500mm(20″) triple grouser

Load point height m (ft)		Load radius								At max. reach		
		1.5 m (5 ft)		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		Capacity		Reach
												m (ft)
6.0 m	kg					*1780	*1780			*1900	*1900	5.61
(20 ft)	lb					*3920	*3920			*4190	*4190	(18.4)
4.5 m	kg					*2040	*2040			*1970	1470	6.59
(15 ft)	lb					*4500	*4500			*4340	3240	(21.6)
3.0m	kg			*3270	*3270	*2500	*2500	*2230	1690	*2070	1250	7.06
(10 ft)	lb			*7210	*7210	*5510	*5510	*4920	3730	*4560	2760	(23.2)
1.5 m	kg			*5030	5030	*3160	2610	*2480	1610	*2190	1180	7.13
(5 ft)	lb			*11090	11090	*6970	5750	*5470	3550	*4830	2600	(23.4)
Ground	kg			*5940	4690	*3660	2440	*2690	1540	*2320	1250	6.83
Line	lb			*13100	10340	*8070	5380	*5930	3400	*5110	2760	(22.4)
-1.5 m	kg	*6190	*6190	*5920	4640	*3790	2380			*2420	1540	6.08
(-5 ft)	lb	*13650	*13650	*13050	10230	*8360	5050			*5340	3400	(19.9)
-3.0 m	kg	*9140	*9140	*5210	4750	*3240	2450					
(-10 ft)	lb	*20150	*20150	*11290	10470	*7140	5400					

Boom : 4.3 m (14′ 1″) / Arm : 2.81 m (9′ 2″) / Bucket : 0.40 m³ SAE heaped / Shoe : 500mm(20″) triple grouser

Load point height m (ft)		Load radius								At max. reach		
		1.5 m (5 ft)		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		Capacity		Reach
												m (ft)
6.0 m	kg									*1550	1490	6.64
(20 ft)	lb									*3420	3280	(21.8)
4.5 m	kg							*1620	*1620	*1630	1150	7.47
(15 ft)	lb							*3570	*3570	*3590	2540	(24.5)
3.0m	kg					*1910	*1910	*1810	1720	*1720	990	7.88
(10 ft)	lb					*4210	*4210	*3990	3790	*3790	2180	(25.9)
1.5 m	kg			*3960	*3960	*2640	*2640	*2140	1610	*1820	940	7.95
(5 ft)	lb			*8730	*8730	*5820	*5820	4720	3550	*4010	2070	(26.1)
Ground	kg	*3340	*3340	5420	4760	*3320	2440	*2460	1510	*1950	980	7.68
Line	lb	*7360	*7360	*11950	10490	*7320	5380	*5420	3330	*4300	2160	(25.2)
-1.5 m	kg	*5070	*5070	*5920	4560	*3680	2320	*2630	1450	*2070	1140	7.04
(-5 ft)	lb	*11180	*11180	*13050	10050	*8110	5110	*5800	3200	*4560	2510	(23.1)
-3.0 m	kg	*7380	*7380	*5640	4570	*3590	2310			*2150	1600	5.88
(-10 ft)	lb	*16270	*16270	*12430	10080	*7910	5090			*4740	3530	(19.3)
-4.5 m	kg			*4290	*4290							
(-15 ft)	lb			*9460	*9460							

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 (standard equipment) located on the back of the bucket.
4. (*) indicates load limited by hydraulic capacity.

Notes

HYUNDAI
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Notes

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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
- Handsfree mobile phone system with USB
- 12 volt power outlet (24V DC to 12V DC converter)
- Sun visor

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
- Communication error
- Low battery
- Air cleaner clogging
- Indicators
- Max Power
- Fuel warmer
- Auto idle

Door and cab locks, one key

Two outside rearview mirrors

Mechanical suspension seat with heater

Four front working lights

Electric horn

Batteries (2 x 12V x 72 AH)

Battery master switch

Removable clean-out screen for cooler

Automatic swing brake

Removable reservoir tank

Fuel pre-filter with fuel warmer

Boom holding system

Arm holding system

Track shoes (500mm, 20")

Track rail guard

Accumulator for lowering work equipment

Electric transducer

Lower frame under cover (Normal)

Cabin Rops (ISO 12117-2)
- ROPS (Roll Over Protective Structure)

OPTIONAL EQUIPMENT

Fuel filler pump (35 L/min)

Beacon lamp

Safety lock valve for boom cylinder with overload warning device

Safety lock valve for arm cylinder

Single-acting piping kit (breaker, etc.)

Double-acting piping kit (clamshell, etc.)

Quick coupler

Travel alarm

Booms
- 4.3 m, 14' 1"

Arms
- 1.96 m, 6' 5"
- 2.26 m, 7' 5"
- 2.81 m, 9' 3"

Cabin FOPS/FOG (ISO/DIS 10262) Level II
- FOPS (Falling Object Protective Structure)
- FOG (Falling Object Guard)

Cabin lights

Cabin front window rain guard

Track shoes
- Rubbber pad (500mm, 20")
- Triple grousers shoe (500mm, 20")
- Triple grousers shoe (600mm, 24")
- Triple grousers shoe (700mm, 28")
- Track pad (500mm, 20")

Lower frame under cover (Additional)

Long crawler lower frame

Dozer blade

Tool kit

Rearview camera

Hi-mate (Remote Management System)

Seat
- Air suspension seat with heater

* Standard and optional equipment may vary. Contact your Hyundai dealer for more information. The machine may vary according to International standards.
* The photos may include attachments and optional equipment that are not available in your area.
* Materials and specifications are subject to change without advance notice.
* All imperial measurements rounded off to the nearest pound or inch.

PLEASE CONTACT

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