

**Robex** With Tier 4 Interim Engine installed

# I25LCR-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 I25LCR-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

\*Photo may include optional equipment.

# 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

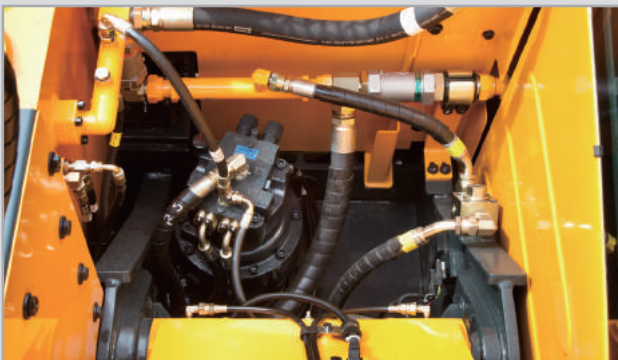


To achieve optimum precision, Hyundai redesigned the hydraulic system to provide the operator with super fine touch and improved controllability. Improved pump flow control reduces flow when controls are not being used to minimize fuel consumption.

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

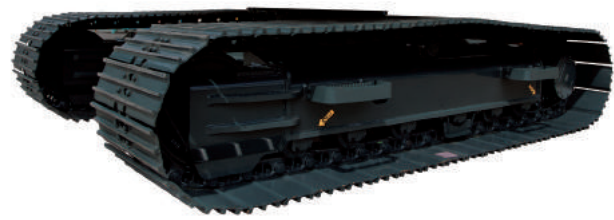
9A series is designed for maximum performance to keep the operator working productively.



\*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

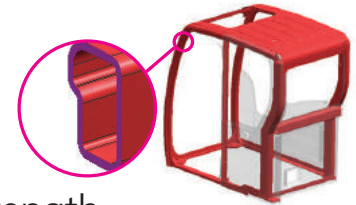
Using DPF (Diesel Particulate Filter) enables uncompromised, fuel economy and reduced cooling pack size, because the engine calibration does not solely need to be focussed on low particulates. By using mainly passive regeneration and low back pressure aftertreatment designs fuel economy is not negatively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

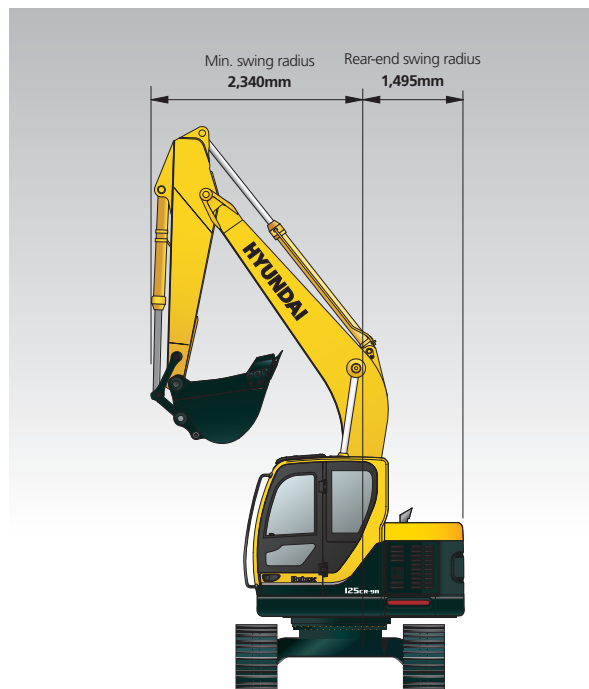


## Structure Strength

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.



\*Photo may include optional equipment.



## 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



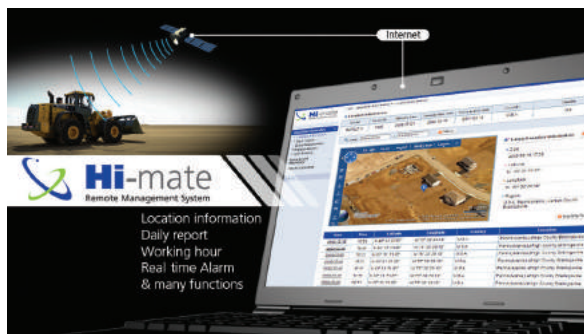
# PROFITABILITY

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 <sup>3</sup> )   |                |                              |
| Batteries                  | 2 X 12V X 100AH  |                |                              |
| Starting motor             | 24V- 4.5kW   |                |                              |
| Alternator                 | 24V- 85Amp   |                |                              |

## HYDRAULIC SYSTEM

|  |  |
|--|--|
| <b>MAIN PUMP</b>                           |  |
| 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. |  |

|                         |  |
|-------------------------|--|
| <b>HYDRAULIC MOTORS</b> |  |
| Travel                  | Two speed axial pistons motor with brake valve and parking brake |
| Swing                   | Axial piston motor with automatic brake                          |

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

|                               |                                       |
|-------------------------------|---------------------------------------|
| <b>HYDRAULIC CYLINDERS</b>    |                                       |
| 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                            |

## 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 fatiguelless 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

|                                  | liter | US gal | UK gal |
|----------------------------------|-------|--------|--------|
| Refilling                        |       |        |        |
| 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<sup>3</sup> (0.52 yd<sup>3</sup>) bucket, lubricant, coolant, full fuel tank, full hydraulic tank, and all standard equipments.

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

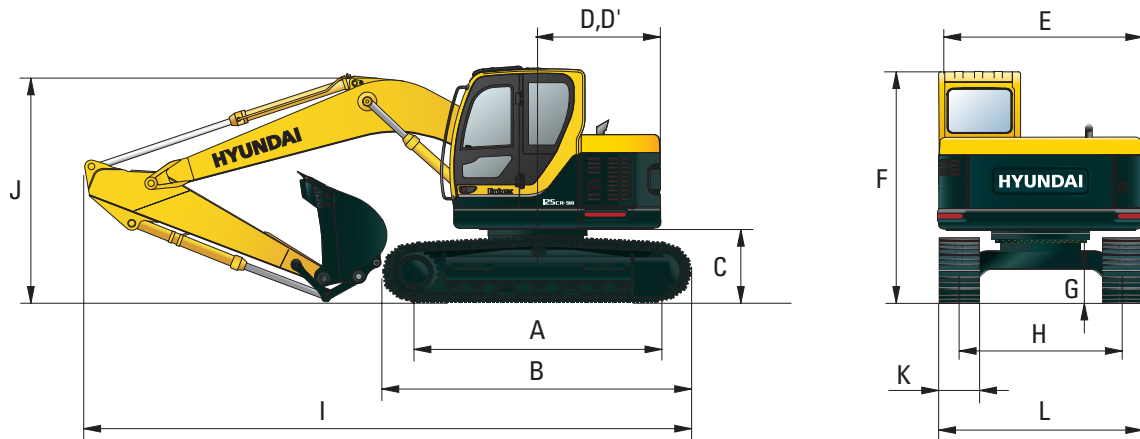
| OPERATING WEIGHT |              | Shoes                   | Operating weight | Ground pressure           |
|------------------|--------------|-------------------------|------------------|---------------------------|
| Type             | Width mm(in) |                         | kg(lb)           | kgf/cm <sup>2</sup> (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)                |





# Dimensions & Working Range

## R125CR-9A DIMENSIONS

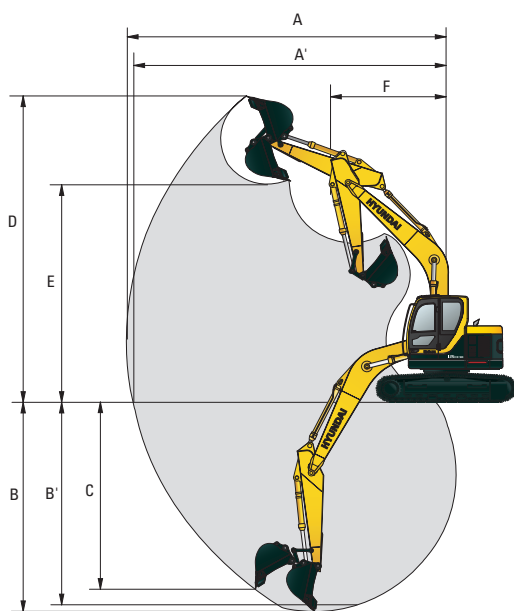


mm (ft-in)

|                                     |                |                          |                |                |                |
|-------------------------------------|----------------|--------------------------|----------------|----------------|----------------|
| A Tumbler distance                  | 2,610 (8' 6")  | Boom length              | 4,300 (14' 1") |                |                |
| B Overall length of crawler         | 3,340 (11' 0") | Arm length               | 1,960 (6' 5")  | 2,260 (7' 5")  | 2,810 (9' 3")  |
| C Ground clearance of counterweight | 890 (3' 10")   | I Overall length         | 6,760 (22' 2") | 6,780 (22' 3") | 6,720 (22' 1") |
| D Tail swing radius                 | 1,500 (4' 10") | J Overall height of boom | 2,530 (8' 3")  | 2,740 (9' 0")  | 3,070 (10' 1") |
| D' Rear-end length                  | 1,500 (4' 10") | K Track shoe width       | 500 (20")      | 600 (24")      | 700 (28")      |
| E Overall width of upperstructure   | 2,490 (8' 2")  | L Overall width          | 2,500 (8' 2")  | 2,600 (8' 6")  | 2,700 (8' 10") |
| F Overall height of cab             | 2,900 (9' 6")  |                          |                |                |                |
| G Min. ground clearance             | 440 (1' 5")    |                          |                |                |                |
| H Track gauge                       | 1,990 (6' 6")  |                          |                |                |                |

## R125CR-9A WORKING RANGE

mm (ft-in)

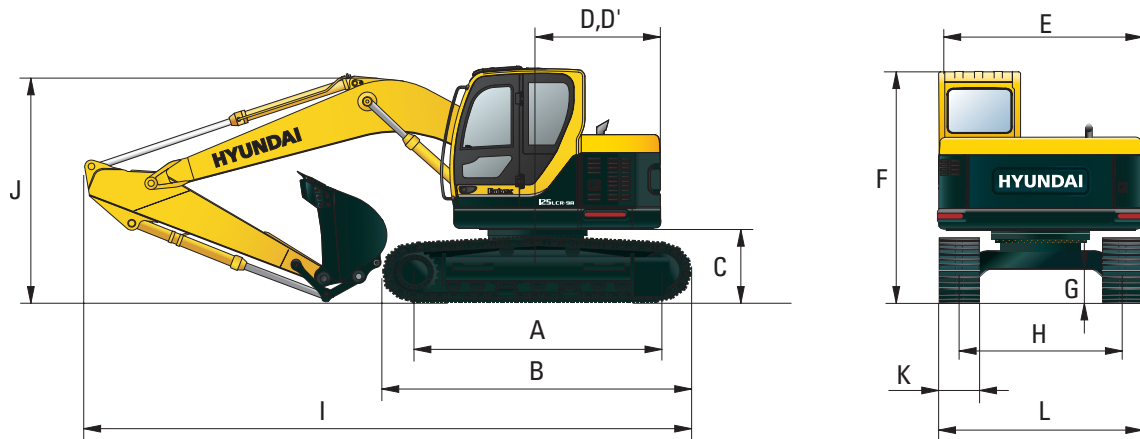


|                                    |                 |                 |                |
|------------------------------------|-----------------|-----------------|----------------|
| Boom length                        | 4,300 (14' 1")  |                 |                |
| Arm length                         | 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

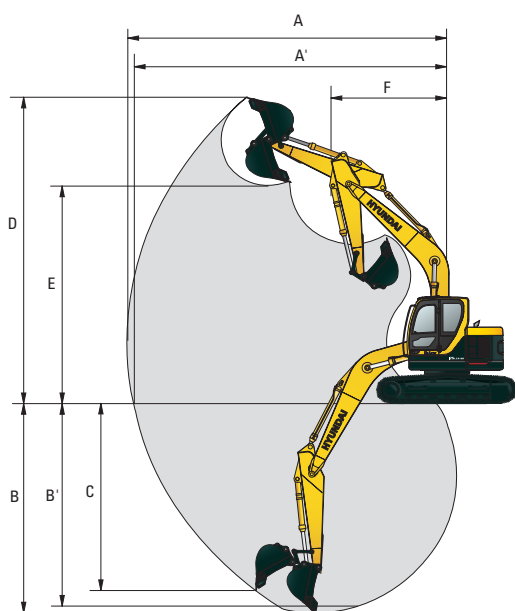


mm (ft-in)

|                                     |                |                          |                |                |                |
|-------------------------------------|----------------|--------------------------|----------------|----------------|----------------|
| A Tumbler distance                  | 2,780 (9' 2")  | Boom length              | 4,300 (14' 1") |                |                |
| B Overall length of crawler         | 3,680 (12' 1") | Arm length               | 1,960 (6' 5")  | 2,260 (7' 5")  | 2,810 (9' 3")  |
| C Ground clearance of counterweight | 890 (2' 10")   | I Overall length         | 6,840 (22' 5") | 6,860 (22' 6") | 6,800 (22' 3") |
| D Tail swing radius                 | 1,500 (4' 10") | J Overall height of boom | 2,530 (8' 3")  | 2,740 (9' 0")  | 3,010 (10' 1") |
| D' Rear-end length                  | 1,500 (4' 10") | K Track shoe width       | 500 (20")      | 600 (24")      | 700 (28")      |
| E Overall width of upperstructure   | 2,490 (8' 2")  | L Overall width          | 2,500 (8' 2")  | 2,600 (8' 6")  | 2,700 (8' 10") |
| F Overall height of cab             | 2,900 (9' 6")  |                          |                |                |                |
| G Min. ground clearance             | 440 (1' 5")    |                          |                |                |                |
| H Track gauge                       | 1,990 (6' 6")  |                          |                |                |                |

## R125LCR-9A WORKING RANGE

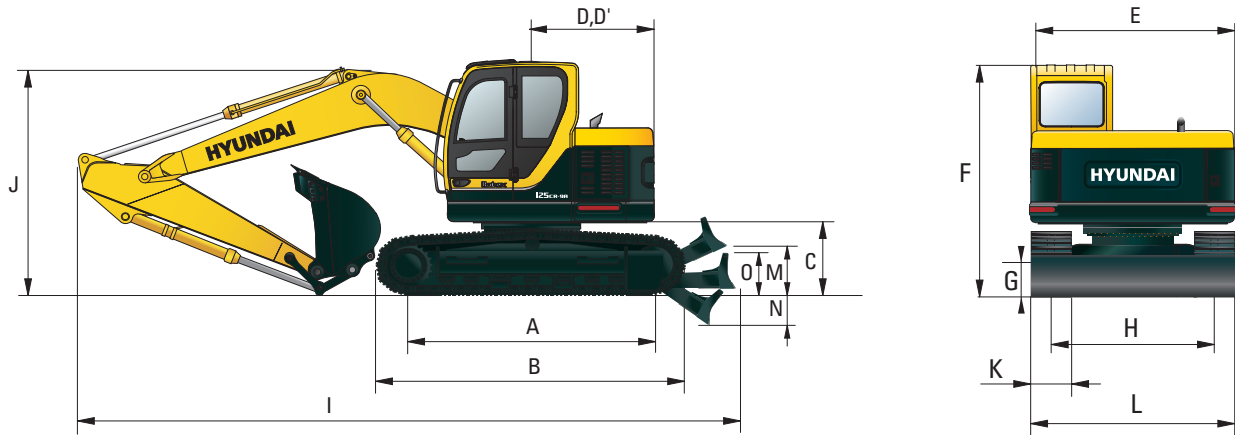
mm (ft-in)



|                                    |                 |                 |                |
|------------------------------------|-----------------|-----------------|----------------|
| 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

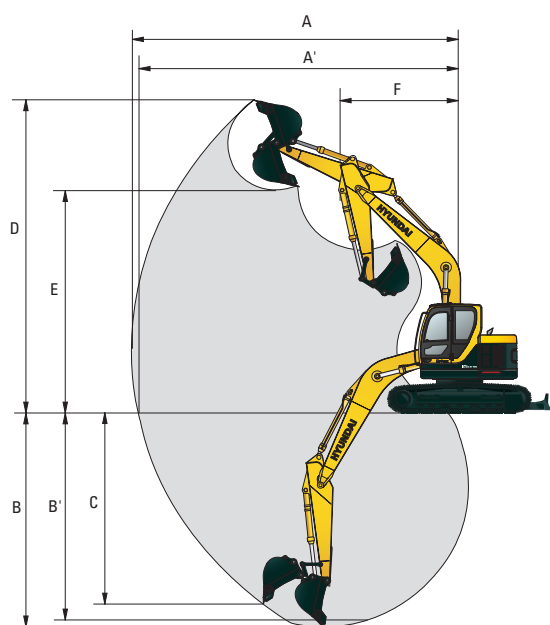


mm (ft-in)

|    |                                   |                |             |                        |                |                |                |
|----|-----------------------------------|----------------|-------------|------------------------|----------------|----------------|----------------|
| A  | Tumbler distance                  | 2,610 (8' 6")  | Boom length |                        |                | 4,300 (14' 1") |                |
| B  | Overall length of crawler         | 3,340 (11' 0") | Arm length  | 1,960 (6' 5")          | 2,260 (7' 5")  | 2,810 (9' 3")  |                |
| C  | Ground clearance of counterweight | 890 (2' 10")   | I           | Overall length         | 7,560 (24' 8") | 7,580 (24' 9") | 7,520 (24' 7") |
| D  | Tail swing radius                 | 1,500 (4' 10") | J           | Overall height of boom | 2,530 (8' 3")  | 2,740 (9' 0")  | 3,070 (10' 1") |
| D' | Rear-end length                   | 1,500 (4' 10") | K           | Track shoe width       | 500 (20")      | 600 (24")      | 700 (28")      |
| E  | Overall width of upperstructure   | 2,490 (8' 2")  | L           | Overall width          | 2,500 (8' 2")  | 2,600 (8' 6")  | 2,700 (8' 10") |
| 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")    |             |                        |                |                |                |

## R125CR-9A (DOZER TYPE) WORKING RANGE

mm (ft-in)

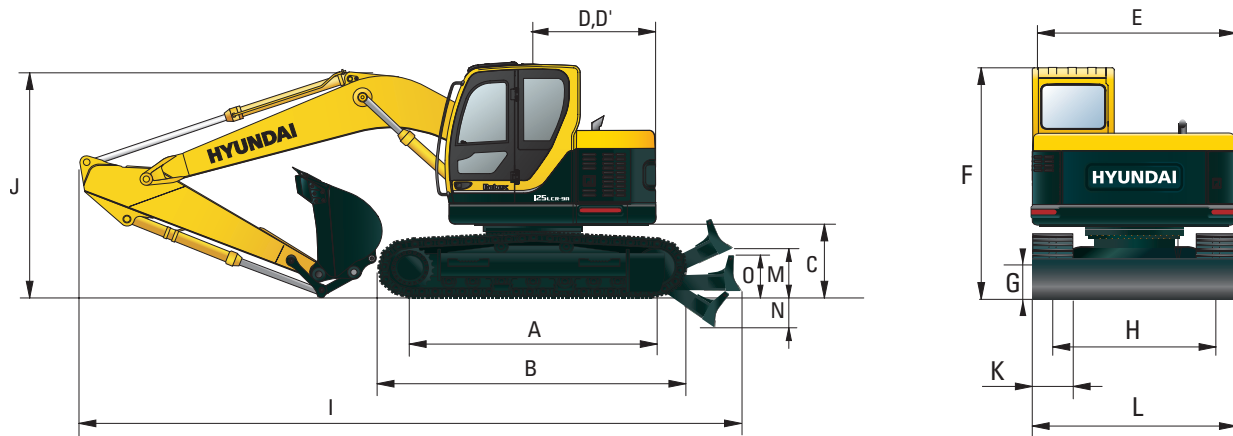


|    |                                  |                 |                 |                |
|----|----------------------------------|-----------------|-----------------|----------------|
|    | Boom length                      | 4,300 (14' 1")  |                 |                |
|    | Arm length                       | 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

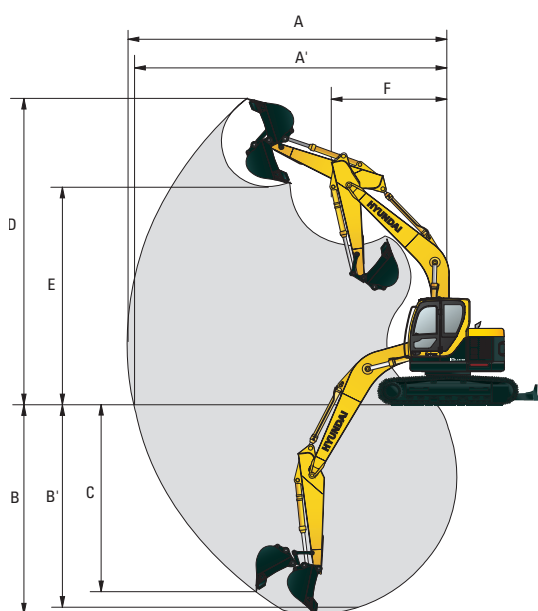


mm (ft-in)

|             |                                   |                |                |                |  |
|-------------|-----------------------------------|----------------|----------------|----------------|--|
| 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 m<sup>3</sup> SAE heaped / Shoe : 500mm(20") triple grouser

| Load point height<br>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<br>m (ft) |        |
|                             |  |  |  |  |  |  |  |  |  |  |                 |        |
| 6.0 m (20 ft)               | kg  |   |   |   |   | *1780   | *1780   |   |   | *1770   | 1530            | 5.97   |
|                             | lb  |   |   |   |   | *3920   | *3920   |   |   | *3900   | 3370            | (19.6) |
| 4.5 m (15 ft)               | kg  |   |   |   |   | *1820   | *1820   | *1480   | 1450  | 1670  | 1110            | 6.90   |
|                             | lb  |   |   |   |   | *4010   | *4010   | *3260   | 3200  | 3680  | 3420            | (22.6) |
| 3.0 m (10 ft)               | kg  |   | *2850   | *2850   | *2300   | *2300   | *2090   | 1400  | 1440  | 1440  | 930             | 7.34   |
|                             | lb  |   | *6280   | *6280   | *5070   | *5070   | *4610   | 3090  | 3170  | 2050  | 2050            | (24.1) |
| 1.5 m (5 ft)                | kg  |   | *4670   | 4240  | *2980   | 2180  | 2000  | 1320  | 1370  | 1370  | 870             | 7.41   |
|                             | lb  |   | *10300  | 9350  | *6570   | 4810  | 4410  | 2910  | 3020  | 1920  | 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  | 2030            | (23.4) |
| -1.5 m (-5 ft)              | kg  | *5690   | *5690   | *5970   | 3730  | 2990  | 1920  | 1890  | 1210  | 1730  | 1120            | 6.42   |
|                             | lb  | *12540  | *12540  | *13160  | 8220  | 6590  | 4230  | 4170  | 2670  | 3810  | 2470            | (21.1) |
| -3.0 m (-10 ft)             | kg  | *8700   | *8700   | *5360   | 3810  | 3030  | 1950  |   |   | *2290   | 1730            | 5.08   |
|                             | 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 m<sup>3</sup> SAE heaped / Shoe : 500mm(20") triple grouser

| Load point height<br>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<br>m (ft) |        |
|                             |  |  |  |  |  |  |  |  |  |  |                 |        |
| 6.0 m (20 ft)               | kg  |   |   |   |   | *1780   | *1780   |   |   | *1900   | 1710            | 5.61   |
|                             | lb  |   |   |   |   | *3920   | *3920   |   |   | *4190   | 3770            | (18.4) |
| 4.5 m (15 ft)               | kg  |   |   |   |   | *2040   | *2040   |   |   | 1810  | 1210            | 6.59   |
|                             | lb  |   |   |   |   | *4500   | *4500   |   |   | 3990  | 2670            | (21.6) |
| 3.0 m (10 ft)               | kg  |   | *3270   | *3270   | *2500   | 2370  | 2080  | 1390  | 1550  | 1550  | 1010            | 7.06   |
|                             | lb  |   | *7210   | *7210   | *5510   | 5220  | 4590  | 3060  | 3420  | 2230  | 2230            | (23.2) |
| 1.5 m (5 ft)                | kg  |   | *5030   | 4140  | *3160   | 2160  | 2000  | 1310  | 1480  | 950   | 7.13            |        |
|                             | lb  |   | *11090  | 9130  | *6970   | 4760  | 4410  | 2890  | 3260  | 2090  | 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  | 2230            | (22.4) |
| -1.5 m (-5 ft)              | kg  | *6190   | *6190   | *5920   | 3770  | 3020  | 940   |   | 1910  | 1250  | 6.08            |        |
|                             | lb  | *13650  | *13650  | *13050  | 8310  | 6660  | 4280  |   | 4210  | 2760  | 2760            | (19.9) |
| -3.0 m (-10 ft)             | kg  | *9140   | *9140   | *5210   | 3880  | 3090  | 2000  |   |   |   |                 |        |
|                             | lb  | *20150  | *20150  | *11290  | 8550  | 6810  | 4410  |   |   |   |                 |        |

Boom : 4.3 m (14' 1") / Arm : 2.81 m (9' 2") / Bucket : 0.40 m<sup>3</sup> SAE heaped / Shoe : 500mm(20") triple grouser

| Load point height<br>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<br>m (ft) |        |
|                             |  |  |  |  |  |  |  |  |  |  |                 |        |
| 6.0 m (20 ft)               | kg  |   |   |   |   |   |   |   |   | *1550   | 1230            | 6.64   |
|                             | lb  |   |   |   |   |   |   |   |   | *3420   | 2710            | (21.8) |
| 4.5 m (15 ft)               | kg  |   |   |   |   |   | *1620   | 1480  |   | 1420  | 920             | 7.47   |
|                             | lb  |   |   |   |   |   | *3570   | 3260  |   | 3130  | 2030            | (24.5) |
| 3.0 m (10 ft)               | kg  |   |   |   | *1910   | *1910   | *1810   | 1420  | 1240  | 1240  | 780             | 7.88   |
|                             | lb  |   |   |   | *4210   | *4210   | *3990   | 3130  | 2730  | 2730  | 1720            | (25.9) |
| 1.5 m (5 ft)                | kg  |   | *3960   | *3960   | *2640   | 2210  | 2000  | 1320  | 1190  | 1190  | 730             | 7.95   |
|                             | lb  |   | *8730   | *8730   | *5820   | 4870  | 4410  | 2910  | 2620  | 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 (-5 ft)              | kg  | *5070   | *5070   | *5920   | 3690  | 2960  | 1880  | 1840  | 1160  | 1440  | 900             | 7.04   |
|                             | lb  | *11180  | *11180  | *13050  | 8140  | 6530  | 4140  | 4060  | 2560  | 3170  | 1980            | (23.1) |
| -3.0 m (-10 ft)             | kg  | *7380   | *7380   | *5640   | 3700  | 2940  | 1870  |   |   | 2000  | 1300            | 5.88   |
|                             | lb  | *16270  | *16270  | *12430  | 8160  | 6480  | 4120  |   |   | 4410  | 2870            | (19.3) |
| -4.5 m (-15 ft)             | kg  |   |   | *4290   | 3890  |   |   |   |   |   |                 |        |
|                             | lb  |   |   | *9460   | 8580  |   |   |   |   |   |                 |        |

- Lifting capacity is based on SAE J1097, ISO 10567.
- Lifting capacity of the Robex Series does not exceed 75% of the tipping load with the machine on firm, level ground or 87% of full hydraulic capacity.
- The load point is a hook (standard equipment) located on the back of the bucket.
- (\*) 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 m SAE heaped / Shoe : 500mm(20") triple grouser

| Load point height<br>m (ft) |    | Load radius   |   |   |   |   |   |   |   | At max. reach   |   | Reach<br>m (ft) |
|-----------------------------|----|---|---|---|---|---|---|---|---|---|---|-----------------|
|                             |    | 1.5 m (5 ft)  |   | 3.0 m (10 ft)   |   | 4.5 m (15 ft)   |   | 6.0 m (20 ft)   |   | Capacity  |   |                 |
|                             |    |  |  |  |  |  |  |  |  |  |  |                 |
| 6.0 m (20 ft)               | kg |   |   |   |   | *1780   | *1780   |   |   | *1770   | *1770   | 5.97            |
|                             | lb |   |   |   |   | *3920   | *3920   |   |   | *3900   | *3900   | (19.6)          |
| 4.5 m (15 ft)               | kg |   |   |   |   | *1820   | *1820   | *1480   | *1480   | *1850   | 1330  | 6.90            |
|                             | lb |   |   |   |   | *4010   | *4010   | *3260   | *3260   | *4080   | 2930  | (22.6)          |
| 3.0 m (10 ft)               | kg |   |   | *2850   | *2850   | *2300   | *2300   | *2090   | 1680  | *1940   | 1140  | 7.34            |
|                             | lb |   |   | *6280   | *6280   | *5070   | *5070   | *4610   | 3700  | *4280   | 2510  | (24.1)          |
| 1.5 m (5 ft)                | kg |   |   | *4670   | *4670   | *2980   | 2590  | *2370   | 1590  | *2060   | 1080  | 7.41            |
|                             | 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 (-5 ft)              | kg | *5690   | *5690   | *5970   | 4540  | *3770   | 2320  | *2660   | 1480  | *2300   | 1360  | 6.42            |
|                             | lb | *12540  | *12540  | *13160  | 10010   | *8310   | 5110  | *5860   | 3260  | *5070   | 3000  | (21.1)          |
| -3.0 m (-10 ft)             | kg | *8700   | *8700   | *5360   | 4620  | *3430   | 2350  |   |   | *2290   | 2070  | 5.08            |
|                             | 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 m SAE heaped / Shoe : 500mm(20") triple grouser

| Load point height<br>m (ft) |    | Load radius   |   |   |   |   |   |   |   | At max. reach   |   | Reach<br>m (ft) |
|-----------------------------|----|---|---|---|---|---|---|---|---|---|---|-----------------|
|                             |    | 1.5 m (5 ft)  |   | 3.0 m (10 ft)   |   | 4.5 m (15 ft)   |   | 6.0 m (20 ft)   |   | Capacity  |   |                 |
|                             |    |  |  |  |  |  |  |  |  |  |  |                 |
| 6.0 m (20 ft)               | kg |   |   |   |   | *1780   | *1780   |   |   | *1900   | *1900   | 5.61            |
|                             | lb |   |   |   |   | *3920   | *3920   |   |   | *4190   | *4190   | (18.4)          |
| 4.5 m (15 ft)               | kg |   |   |   |   | *2040   | *2040   |   |   | *1970   | *1450   | 6.59            |
|                             | lb |   |   |   |   | *4500   | *4500   |   |   | *4340   | *3200   | (21.6)          |
| 3.0 m (10 ft)               | kg |   |   | *3270   | *3270   | *2500   | *2500   | *2230   | 1660  | *2070   | *1230   | 7.06            |
|                             | lb |   |   | *7210   | *7210   | *5510   | *5510   | *4920   | 3660  | *4560   | *2710   | (23.2)          |
| 1.5 m (5 ft)                | kg |   |   | *5030   | 4960  | *3160   | 2570  | *2480   | 1580  | *2190   | *1160   | 7.13            |
|                             | 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 (-5 ft)              | kg | *6190   | *6190   | *5920   | 4570  | *3790   | 2350  | *2420   |   | *2420   | *1510   | 6.08            |
|                             | lb | *13650  | *13650  | *13050  | 10080   | *8360   | 5180  | *5340   |   | *5340   | *3330   | (19.9)          |
| -3.0 m (-10 ft)             | kg | *9140   | *9140   | *5210   | 4690  | *3240   | 2410  |   |   |   |   |                 |
|                             | lb | *20150  | *20150  | *11290  | 10340   | *7140   | 5310  |   |   |   |   |                 |

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

| Load point height<br>m (ft) |    | Load radius   |   |   |   |   |   |   |   | At max. reach   |   | Reach<br>m (ft) |
|-----------------------------|----|---|---|---|---|---|---|---|---|---|---|-----------------|
|                             |    | 1.5 m (5 ft)  |   | 3.0 m (10 ft)   |   | 4.5 m (15 ft)   |   | 6.0 m (20 ft)   |   | Capacity  |   |                 |
|                             |    |  |  |  |  |  |  |  |  |  |  |                 |
| 6.0 m (20 ft)               | kg |   |   |   |   |   |   |   |   | *1550   | 1470  | 6.64            |
|                             | lb |   |   |   |   |   |   |   |   | *3420   | 3240  | (21.8)          |
| 4.5 m (15 ft)               | kg |   |   |   |   |   |   | *1620   | *1620   | *1630   | 1130  | 7.47            |
|                             | lb |   |   |   |   |   |   | *3570   | *3570   | *3590   | 2490  | (24.5)          |
| 3.0 m (10 ft)               | kg |   |   |   |   | *1910   | *1910   | *1810   | 1690  | *1720   | 970   | 7.88            |
|                             | lb |   |   |   |   | *4210   | *4210   | *3990   | 3730  | *3790   | 2140  | (25.9)          |
| 1.5 m (5 ft)                | kg |   |   | *3960   | *3960   | *2640   | 2630  | *2140   | 1590  | *1820   | 920   | 7.95            |
|                             | 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 (-5 ft)              | kg | *5070   | *5070   | *5920   | 4500  | *3680   | 2290  | *2630   | 1430  | *2070   | 1120  | 7.04            |
|                             | lb | *11180  | *11180  | *13050  | 9920  | *8110   | 5050  | *5800   | 3150  | *4560   | 2470  | (23.1)          |
| -3.0 m (-10 ft)             | kg | *7380   | *7380   | *5640   | 4510  | *3590   | 2270  |   |   | *2150   | 1570  | 5.88            |
|                             | lb | *16270  | *16270  | *12430  | 9940  | *7910   | 5000  |   |   | *4740   | 3460  | (19.3)          |
| -4.5 m (-15 ft)             | kg |   |   | *4290   | *4290   |   |   |   |   |   |   |                 |
|                             | lb |   |   | *9460   | *9460   |   |   |   |   |   |   |                 |











- Lifting capacity is based on SAE J1097, ISO 10567.
- Lifting capacity of the Robex Series does not exceed 75% of the tipping load with the machine on firm, level ground or 87% of full hydraulic capacity.
- The load point is a hook (standard equipment) located on the back of the bucket.
- (\*) 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 m<sup>3</sup> SAE heaped / Shoe : 500mm(20") triple grouser

| Load point height<br>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<br>m (ft) |        |
|                             |  |  |  |  |  |  |  |  |  |  |                 |        |
| 6.0 m (20 ft)               | kg  |   |   |   |   | *1780   | *1780   |   |   | *1770   | 1550            | 5.97   |
|                             | lb  |   |   |   |   | *3920   | *3920   |   |   | *3900   | 3420            | (19.6) |
| 4.5 m (15 ft)               | kg  |   |   |   |   | *1820   | *1820   | *1480   | 1470  | 1690  | 1120            | 6.90   |
|                             | lb  |   |   |   |   | *4010   | *4010   | *3260   | 3240  | 3730  | 2470            | (22.6) |
| 3.0 m (10 ft)               | kg  |   | *2850   | *2850   | *2300   | *2300   | *2090   | 1430  | 1460  | 940   | 940             | 7.34   |
|                             | lb  |   | *6280   | *6280   | *5070   | *5070   | *4610   | 3150  | 3220  | 2070  | 2070            | (24.1) |
| 1.5 m (5 ft)                | kg  |   | *4670   | 4290  | *2980   | 2210  | 2030  | 1340  | 1390  | 890   | 890             | 7.41   |
|                             | lb  |   | *10300  | 9460  | *6570   | 4870  | 4480  | 2950  | 3060  | 1960  | 1960            | (24.3) |
| Ground                      | kg  |   | *5790   | 3890  | 3130  | 2030  | 1950  | 1260  | 1470  | 940   | 940             | 7.13   |
| Line                        | lb  |   | *12760  | 8580  | 6900  | 4480  | 4300  | 2780  | 3240  | 2070  | 2070            | (23.4) |
| -1.5 m (-5 ft)              | kg  | *5690   | *5690   | *5970   | 3790  | 3040  | 1950  | 1920  | 1230  | 1760  | 1140            | 6.42   |
|                             | lb  | *12540  | *12540  | *13160  | 8360  | 6700  | 4300  | 4230  | 2710  | 3880  | 2510            | (21.1) |
| -3.0 m (-10 ft)             | kg  | *8700   | *8700   | *5360   | 3860  | 3070  | 1980  |   |   | *2290   | 1760            | 5.08   |
|                             | 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 m<sup>3</sup> SAE heaped / Shoe : 500mm(20") triple grouser

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

Boom : 4.3 m (14' 1") / Arm : 2.81 m (9' 2") / Bucket : 0.40 m<sup>3</sup> SAE heaped / Shoe : 500mm(20") triple grouser

| Load point height<br>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<br>m (ft) |        |
|                             |  |  |  |  |  |  |  |  |  |  |                 |        |
| 6.0 m (20 ft)               | kg  |   |   |   |   |   |   |   |   | *1550   | 1250            | 6.64   |
|                             | lb  |   |   |   |   |   |   |   |   | *3420   | 2760            | (21.8) |
| 4.5 m (15 ft)               | kg  |   |   |   |   |   |   | *1620   | 1510  | 1450  | 940             | 7.47   |
|                             | lb  |   |   |   |   |   |   | *3570   | 3330  | 3200  | 2070            | (24.5) |
| 3.0 m (10 ft)               | kg  |   |   |   |   | *1910   | *1910   | *1810   | 1440  | 1260  | 800             | 7.88   |
|                             | lb  |   |   |   |   | *4210   | *4210   | *3990   | 3170  | 2780  | 1760            | (25.9) |
| 1.5 m (5 ft)                | kg  |   | *3960   | *3960   | *2640   | 2250  | 2030  | 1340  | 1210  | 750   | 750             | 7.95   |
|                             | lb  |   | *8730   | *8730   | *5820   | 4960  | 4480  | 2950  | 2670  | 1650  | 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 (-5 ft)              | kg  | *5070   | *5070   | *5920   | 3750  | 3000  | 1910  | 1870  | 1180  | 1470  | 920             | 7.04   |
|                             | lb  | *11180  | *11180  | *13050  | 8270  | 6610  | 4210  | 4120  | 2600  | 3240  | 2030            | (23.1) |
| -3.0 m (-10 ft)             | kg  | *7380   | *7380   | *5640   | 3760  | 2990  | 1900  |   |   | 2030  | 1320            | 5.88   |
|                             | lb  | *16270  | *16270  | *12430  | 8290  | 6590  | 4190  |   |   | 4480  | 2910            | (19.3) |
| -4.5 m (-15 ft)             | kg  |   |   | *4290   | 3950  |   |   |   |   |   |                 |        |
|                             | lb  |   |   | *9460   | 8710  |   |   |   |   |   |                 |        |

- Lifting capacity is based on SAE J1097, ISO 10567.
- Lifting capacity of the Robex Series does not exceed 75% of the tipping load with the machine on firm, level ground or 87% of full hydraulic capacity.
- The load point is a hook (standard equipment) located on the back of the bucket.
- (\*) 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 m SAE heaped / Shoe : 500mm(20") triple grouser

| Load point height<br>m (ft) | Load radius   |   |   |   |   |   |   |   | At max. reach   |   | Reach<br>m (ft) |        |
|-----------------------------|---|---|---|---|---|---|---|---|---|---|-----------------|--------|
|                             | 1.5 m (5 ft)  |   | 3.0 m (10 ft)   |   | 4.5 m (15 ft)   |   | 6.0 m (20 ft)   |   | Capacity  |   |                 |        |
|                             |  |  |  |  |  |  |  |  |  |  |                 |        |
| 6.0 m (20 ft)               | kg  |   |   |   |   | *1780   | *1780   |   |   | *1770   | *1770           | 5.97   |
|                             | lb  |   |   |   |   | *3920   | *3920   |   |   | *3900   | *3900           | (19.6) |
| 4.5 m (15 ft)               | kg  |   |   |   |   | *1820   | *1820   | *1480   | *1480   | *1850   | 1350            | 6.90   |
|                             | lb  |   |   |   |   | *4010   | *4010   | *3260   | *3260   | *4080   | 2980            | (22.6) |
| 3.0 m (10 ft)               | kg  |   | *2850   | *2850   | *2300   | *2300   | *2090   | 1700  | 1700  | *1940   | 1150            | 7.34   |
|                             | lb  |   | *6280   | *6280   | *5070   | *5070   | *4610   | 3750  | 3750  | *4280   | 2540            | (24.1) |
| 1.5 m (5 ft)                | kg  |   | *4670   | *4670   | *2980   | 2630  | *2370   | 1610  | 1610  | *2060   | 1090            | 7.41   |
|                             | lb  |   | *10300  | *10300  | *6570   | 5800  | *5220   | 3550  | 3550  | *4540   | 2400            | (24.3) |
| Ground                      | kg  |   | *5790   | 4710  | *3560   | 2440  | *2630   | 1530  | 1530  | *2180   | 1150            | 7.13   |
| Line                        | lb  |   | *12760  | 10380   | *7850   | 5380  | *5800   | 3370  | 3370  | *4810   | 2540            | (23.4) |
| -1.5 m (-5 ft)              | kg  | *5690   | *5690   | *5970   | 4600  | *3770   | 2360  | *2660   | 1500  | *2300   | 1380            | 6.42   |
|                             | lb  | *12540  | *12540  | *13160  | 10140   | *8310   | 5200  | *5860   | 3310  | *5070   | 3040            | (21.1) |
| -3.0 m (-10 ft)             | kg  | *8700   | *8700   | *5360   | 4680  | *3430   | 2390  |   |   | *2290   | 2100            | 5.08   |
|                             | 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 m SAE heaped / Shoe : 500mm(20") triple grouser

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

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

| Load point height<br>m (ft) | Load radius   |   |   |   |   |   |   |   | At max. reach   |   | Reach<br>m (ft) |        |
|-----------------------------|---|---|---|---|---|---|---|---|---|---|-----------------|--------|
|                             | 1.5 m (5 ft)  |   | 3.0 m (10 ft)   |   | 4.5 m (15 ft)   |   | 6.0 m (20 ft)   |   | Capacity  |   |                 |        |
|                             |  |  |  |  |  |  |  |  |  |  |                 |        |
| 6.0 m (20 ft)               | kg  |   |   |   |   |   |   |   |   | *1550   | 1490            | 6.64   |
|                             | lb  |   |   |   |   |   |   |   |   | *3420   | 3280            | (21.8) |
| 4.5 m (15 ft)               | kg  |   |   |   |   |   |   | *1620   | *1620   | *1630   | 1150            | 7.47   |
|                             | lb  |   |   |   |   |   |   | *3570   | *3570   | *3590   | 2540            | (24.5) |
| 3.0 m (10 ft)               | kg  |   |   |   |   | *1910   | *1910   | *1810   | 1720  | *1720   | 990             | 7.88   |
|                             | lb  |   |   |   |   | *4210   | *4210   | *3990   | 3790  | *3790   | 2180            | (25.9) |
| 1.5 m (5 ft)                | kg  |   | *3960   | *3960   | *2640   | *2640   | *2140   | 1610  | 1610  | *1820   | 940             | 7.95   |
|                             | lb  |   | *8730   | *8730   | *5820   | *5820   | *4720   | 3550  | 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 (-5 ft)              | kg  | *5070   | *5070   | *5920   | 4560  | *3680   | 2320  | *2630   | 1450  | *2070   | 1140            | 7.04   |
|                             | lb  | *11180  | *11180  | *13050  | 10050   | *8110   | 5110  | *5800   | 3200  | *4560   | 2510            | (23.1) |
| -3.0 m (-10 ft)             | kg  | *7380   | *7380   | *5640   | 4570  | *3590   | 2310  |   |   | *2150   | 1600            | 5.88   |
|                             | lb  | *16270  | *16270  | *12430  | 10080   | *7910   | 5090  |   |   | *4740   | 3530            | (19.3) |
| -4.5 m (-15 ft)             | kg  |   |   | *4290   | *4290   |   |   |   |   |   |                 |        |
|                             | lb  |   |   | *9460   | *9460   |   |   |   |   |   |                 |        |

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

# Notes



# Notes





## 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

Rubber 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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