| ENGINE | STD | OPT |
|--|-----|-----|
| Cummins QSL 9 engine | • | |
| HYDRAULIC SYSTEM | | |
| Intelligent Power Control (IPC) | | |
| 3-power mode, 2-work mode, user mode | • | |
| Variable Power Control | • | |
| Pump Flow Control | • | |
| Attachment Mode Flow Control | | • |
| Engine Auto Idle Engine Auto Shutdown Control | • | • |
| Electronic Fan Control | • | |
| CAB & INTERIOR | | |
| ISO Standard cabin | _ | |
| Rise-up type windshield wiper | • | |
| Radio / USB player | • | |
| Handsfree mobile phone system with USB | • | |
| 12 volt power outlet (24V DC to 12V DC converter) | • | |
| Electric horn | • | |
| All-weather steel cab with 360° visibility | • | |
| Safety glass windows Sliding fold-in front window | • | |
| Sliding side window(LH) | | |
| Lockable door | • | |
| Hot & cool box | • | |
| Storage compartment & Ashtray | • | |
| Transparent cabin roof-cover | • | |
| Sun visor Door and cab locks, one key | • | |
| Mechanical suspension seat with heater | • | |
| Pilot-operated slidable joystick | • | |
| Console box height adjust system | • | |
| Automatic climate control | | |
| Air conditioner & heater | • | |
| Defroster Starting Aid (air grid heater) for cold weather | • | |
| Centralized monitoring | | |
| 8" LCD display | • | |
| Engine speed or Trip meter/Accel. | • | |
| Engine coolant temperature gauge | • | |
| Max power | • | |
| Low speed/High speed | • | |
| Auto idle Overload | | |
| Check Engine | • | |
| Air cleaner clogging | • | |
| Indicators | • | |
| ECO Gauges | • | |
| Fuel level gauge | • | |
| Hyd. oil temperature gauge Fuel warmer | | |
| Warnings | • | |
| Communication error | • | |
| Low battery | • | |
| Clock | • | |
| Cabin lights | | • |
| Cabin front window rain guard Cabin roof-steel cover | | - |
| Seat | | |
| Adjustable air suspension seat with heater | | • |
| Cabin FOPS/FOG | | |
| FOPS (Falling Object Protective Structures) · ISO 3449 Level 2 | | • |
| FOG (Falling Object Guard) Front & Top Guard | | • |
| ISO/DIS 10262 Level 2 Top Guard Cabin ROPS | | • |
| ROPS (Roll Over Protective Structures) · ISO 12117-2 | • | |
| 5 (Over 1 rotective 5th detailed) 150 12117 2 | _ | |

| SAFETY | STD | OPT |
|--|-----|-----|
| Battery master switch | • | |
| Rearview camera | | • |
| AAVM (Advanced Around View Monitoring) | | • |
| Four front working lights | • | |
| Travel alarm | | • |
| Rear work lamp | | • |
| Beacon lamp | | • |
| Automatic swing brake | • | |
| Boom holding system | • | |
| Arm holding system | • | |
| Safety lock valve for boom cylinder with overload warning device | | • |
| Safety lock valve for arm cylinder | | • |
| Three outside rearview mirror | • | |
| OTHER | | |
| Booms | | |
| 6.15 m, 20' 2" | | • |
| 6.45 m, 21' 2" | • | |
| Arms | | |
| 2.2 m, 7' 3" | | • |
| 2.5 m, 8' 2" | | • |
| 3.2 m, 10' 6" | • | |
| 4.05 m, 13' 3" | | • |
| Removable clean-out dust net for cooler | • | |
| Removable reservoir tank | • | |
| Fuel pre-filter | • | |
| Fuel warmer | | • |
| Self-diagnostics system | • | |
| Hi-mate (Remote Management System) Mobile | | • |
| Satellite | | • |
| Batteries (2 x 12V x 160 AH) | • | |
| Fuel filler pump (50 L/min) | | • |
| Single-acting piping kit (breaker, etc.) | | • |
| Double-acting piping kit (clamshell, etc.) | | - |
| Rotating Piping Kit | | • |
| Quick coupler piping | | • |
| Quick coupler | | |
| Boom floating control One Pedal Straight Travel System | | - |
| Accumulator for lowering work equipment | • | _ |
| Pattern change valve (2 patterns) | _ | |
| Tool kit | | • |
| | | _ |
| UNDERCARRIAGE | | |
| Lower frame under cover (Additional) | | • |
| Lower frame under cover (Normal) | • | |
| Track shoes | | |
| Triple grousers shoes (600mm, 24") | • | |
| Triple grousers shoe (700 mm, 28") | | • |
| Triple grousers shoe (800 mm, 32") | | • |
| Triple grousers shoe (900 mm, 36") | | • |
| Double grousers shoe (700 mm, 28") | | • |
| Track rail guard | • | |
| Full track rail guard | | • |

HYUNDAI | CONSTRUCTION EQUIPMENT HEAVY INDUSTRIES

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PLEASE CONTACT

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2015. 2 Rev.0



Net Power

SAE J1349 / 270 HP (202 kW) at 1,800 rpm | SAE J1995 / 284 HP (212 kW) at 1,800 rpm | 5.9 km/hr (3.67 mph) / 3.4 km/hr (2.11 mph) | 33,500 kg / 73,850 lb

Gross Power

Travel Speed

Operating Weight



^{*} 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.



RULE THE GROUND

The HX Series excavators are products of HHl's spirit of initiative, creativity, and strong drive. HHl's engineers, who are the best in the industry, have worked tirelessly to offer a zero-defect product. The new HX Series reflects customers' needs in the field gleaned by thorough monitoring. They maximize fuel efficiency and performance proven by rigorous field tests and quality control.





RULE THE GROUND

HX330L

The HX series exceeds customer's expectation! Become a true leader on the ground with HHI's HX series.



- · ECO Gauge
- · IPC (Intelligent Power Control)
- · New Variable Power Control
- · Electronic Viscous Fan Clutch
- · Attachment Flow Control (Option)
- \cdot New Cooling System with Increased Air Flow
- · Enlarged Air Inlet with Grill Cover
- · One Pedal Straight Travel (Option)
- · Cycle Time Improvement
- · Boom Floating Control (Option)



- · Durable Cooling Module
- · Reinforced Pin, Bush, and Polymer Shim
- · Reinforced Durability of Upper and Lower Structure and Attachments
- · Wear Resistant Cover Plate
- · Hi-grade (High-pressure) Hoses



INFOTAINMENT FRONTIER

- · Intelligent and Wide Cluster
- · Haptic Control
- · Wi-Fi Direct with Smart Phone (Miracast)
- · Centralized Controller
- · Proportional Auxiliary Hydraulic System
- · New Audio System
- · New Air Conditioning System



*Photo may include optional equipment



Cycle Time Improvement

The HX Series provides higher productivity on the site by faster operation: it loads trucks up to 2% faster than the 9 Series.

Boom Floating Control (Option)

In order to achieve efficient leveling work by arm-in and arm-out operation with the boom fixed, the HX Series applies boom floating control, allowing stable operation even in high-load work.

WORK MAX, WORTH MAX

Fuel Efficient System, Allows Great Performance

The HX Series has an eco-friendly, high-performance engine which ensures both excellent fuel efficiency and high power. With outstanding operating performance proven by rigorous tests at various work sites, it will satisfy any customer's needs.



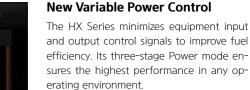
ECO Gauge

Eco Gauge enable economic operation of machines. The gauge level and color displays engine torque and fuel efficiency level. On top of that, the status of fuel consumption such as average rate and the total amount of fuel consumed are displayed. Hourly and daily based fuel consumption can be checked in the detailed menu as well.



IPC (Intelligent Power Control)

The IPC controls Power depending on work environments. Its mode can be selected and released on the monitor. On the excavation mode, pump flow can be easily controlled by a lever, reducing fuel consumption.



- * P(power) mode: Maximizes speed and power of the equipment for heavy load work.
- * S(standard) mode: Optimizes performance and fuel efficiency of the equipment for general load work
- * E(economy) mode: Improves the control system for light load work.

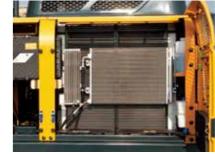
Electronic Viscous Fan Clutch

The electronic fan clutch reduces noise during operation by precisely controlling RPM depending on the hydraulic oil and coolant temperature of the working vehicle, and minimizes fuel consumption. It is also possible to shorten the warm up time of hydraulic oil.



Attachment Flow Control (Option)

The HX Series improves pump flow rate by independent control of two pumps. It optimizes attachments for effective flow rate setting depending on attachments (ten breaker types and ten crusher types), enabling various operations matching the site environments.



New Cooling System with Increased Air Flow

With the three-floor stacked cooling module improving air inflow, the HX Series provides excellent cooling performance by increasing heat dissipation and can be easily

Enlarged Air Inlet with Grill Cover

Enlarged vent hole of the air inlet side cover and fine net grill to prevent penetration of foreign materials further improve durability.

One Pedal Straight Travel (Option)

One Pedal Straight Travel (Option) is available for customers' convenience when long distance traveling or combination of attachment work with traveling is necessary.

MORE RELIABLE, MORE SUSTAINABLE

New Exterior Design for Robustness and Safety

The true value of the HX Series lies in its durability. The robust upper and lower frame structure that can endure external shock and high-load work and the attachments whose performance was proven by rigorous tests further show the real value of the HX Series in tough working environments and promise higher productivity.



Durable Cooling Module

The HX Series has a durable cooling module that passed stringent tests, demonstrating the highest productivity in tough working environments.





Reinforced Durability of Upper and Lower Structure and Attachments

The upper and lower structure and attachments of the HX Series have higher durability than demanded on the site, as proven through numerous tests including road tests and virtual simulation. The wear resistance of the bucket has been improved by use of new material.

Reinforced Pin, Bush, and Polymer Shim

The HX series improves lubricity of connecting parts between the equipment and attachments. Gaps with attachments are minimized by wear-resistant long-life pins, bushes, and polymer shims, supporting the highest performance with invariable durability.

Wear Resistant Cover Plate

A wear-resistant cover plate is installed at the end of the arm to minimize abrasion on the connector between the arm and the bucket. Reduction of vibration of the buckets enables more stable operation even in high-load work.



The HX Series uses high-pressure hoses with improved heat and pressure resistance, greatly increasing the durability of the equipment.

340 mm 310_{mm} Cabin space for drivers increased by (Compared to 9 Series)

New Air Conditioning System

With further improved air conditioning and heating, the HX Series increases the APTC capacity by 15% to provide a pleasant environment for operators all the time. The ventilation was designed such that warm and cool air even reach operators' faces (increasing their work satisfaction) or allowing pleasant working environment.

INFOTAINMENT FRONTIER

Enhanced Instrument Panel for Easier Monitoring

Many electronic functions are concentrated on the most convenient spot for operators to ensure work efficiency. The highly-advanced infotainment system, a product of HHI's intensive information technology, enables both productivity and pleasant work at the same time! The HX Series of HHI provides higher value and pleasure to customers.



Intelligent and Wide Cluster

The 8-inch capacitive-type display (like smartphone display) of the HX Series is 15% larger than the previous model, delivering excellent legibility. The centralized switches on the display allow convenience of checking the urea level and temperature outside the cabin. The audio AUX, air conditioner, heater interoperation, wiper, lamp, overload warning, travel, alarm and inclination sensor also maximize operator's convenience.



Operating Simulation for Joy & Achievement

The operating game developed by HHI's state-of-the-art information technology allows operators to experience efficient operating state by simulation, providing fun and economy of operation.



Haptic Control

The integrated jog shuttle-type haptic controller applies to the accelerator, remote air conditioner controller, and operate cluster, allowing convenient operation. In the event of failure of the haptic switch, the emergency mode is activated on the cluster to ensure fail-safe function.

Wi-Fi Direct with Smart Phone (Miracast)

The Miracast system based on Wi-Fi of the operator's smart phone enables easy and convenient use of various features of the smart phone on the big screen including navigation, web surfing, viewing of videos, and listening to music. (For Android mobile phone now)

Proportional Auxiliary Hydraulic System

- \cdot Opt: Proportional control switch for better speed control
- Enlarge the operation convenience



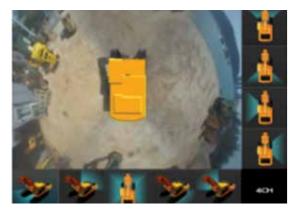
New Audio System

Radio player, USB-based MP3 player, integrated Bluetooth hands-free feature, and built-in microphone allow convenient phone calls while in work and in transit. The radio player was moved to the right side from the rear, allowing easier access.

MODERN COMFORT, SIMPLE AND SAFE SOLUTION

New Cabin for More Comfort

Low noise, low vibration, and ergonomic design make the cabin space more comfortable and pleasant! With focus on safety and convenience of operators, the HX Series allows rapid and safe equipment inspection anytime and anywhere, providing an optimal environment for operators to work.



AAVM (Advanced Around View Monitoring) Camera System (Option)

The HX Series has a state-of-the-art AAVM video camera system to secure field of vision for operators in all directions, thereby preventing accidents. Operators can easily check the workplace in the front and rear and to the right and left.



- * AVM (Around View Monitoring): Secure field of vision in all directions by nine views including 3D bird's eye view and 2D/4CH view.
- *IMOD (Intelligent Moving Object Detection): Inform when people or dangerous objects are detected within the range of operation (recognition distance: 5 m).



Easy Access to DEF/AdBlue® Supply System

The DEF/AdBlue® tank is installed inside the tool box and its inlet is remotely located for easy access and convenient supply. Warning of overfill is given by a red lamp signal. The DEF/AdBlue® supply module is attached on the side of the fuel tank for easy maintenance and filter replacement.



Hi-mate (Remote Management System) (Option)

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.

* Operation of the system may be affected by the condition of telecommunication signal



Cab Suspension Mount

With a low-vibration design by the coil spring and damper inside the mount, the cab suspension mount of the HX Series reduces noise inside the cabin and improves durability, providing a comfortable operation space that lessens operators' fatigue.

SPECIFICATIONS

| ENGINE | | | | |
|---------------------|-----|----------------|--|--|
| Maker / Model | | | Cummins QSL9 | |
| Type | | | 4-cycle turbocharged, charge air cooled diesel engine | |
| Rated | SAE | J1995 (gross) | 284 HP (212 kW) at 1,800 rpm | |
| flywheel | | J1349 (net) | 270 HP (202 kW) at 1,800 rpm | |
| horse | DIN | 6271/1 (gross) | 288 PS (212 kW) at 1,800 rpm | |
| power | DIN | 6271/1 (net) | 274 PS (202 kW) at 1,800 rpm | |
| Max. torque | | | 123.7 kgf · m (895 lbf · ft) at 1500 rpm | |
| Bore X stroke | | | 114×145 mm (4.49"×5.69") | |
| Piston displacement | | ement | 8900 cc (543 cu in) | |
| Batteries | | | 2×12 V×160 Ah | |
| Starting motor | | | Denso 24 V-7.8 kW | |
| Alternator | | | Denso 24 V-95 A | |

HYDRAULIC SYSTEM

| Type | Variable displacement piston pumps | |
|----------------------------|---|--|
| Max. flow | 2×277,2Q/min (73,2 U.S. gpm / 60,1 U.K. gpm) | |
| | (73.2 0.3. gpiii) 00. i 0.k. gpiii) | |
| Sub-pump for pilot circuit | Gear pump | |

Cross-sensing and fuel saving pump system

HYDRAULIC MOTORS

| RELIEF VALVE SETTING | |
|----------------------|-------------------------------|
| Swing | Axial piston motor |
| Iravei | two speed axial pistori motor |

RELIEF VALVE SETTING

| Implement circuits | 350 kgf/cm² (4,980 psi) |
|---------------------------------|-------------------------------------|
| Travel | 350 kgf/cm ² (4,980 psi) |
| Power boost (boom, arm, bucket) | 380 kgf/cm ² (5,400 psi) |
| Swing circuit | 300 kgf/cm ² (4,270 psi) |
| Pilot circuit | 40 kgf/cm ² (569 psi) |
| Service valve | Installed |
| | |

HYDRAULIC CYLINDERS

| No. of cylinder bore X stroke | Boom: Ø150×1,480 ST |
|----------------------------------|-----------------------|
| | Arm: Ø160×1,685 ST |
| | Bucket: Ø140×1,285 ST |

| DRIVES & BRAKES | |
|--------------------------------|---|
| Drive method | Fully hydrostatic type |
| Drive motor | Axial piston motor, in-shoe design |
| Reduction system | Planetary reduction gear |
| Max. drawbar pull | 27,000 kgf (59,500 lbf) |
| Max. travel speed (high / low) | 5.9 km/hr (3.67 mph) / 3.4 km/hr (2.11 mph) |
| Gradeability | 35° (70%) |
| Parking brake | Multi wet disc |

CONTRO

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 reduction gear |
| Swing bearing lubrication | Grease-bathed |
| Swing brake | Multi wet disc |
| Swing speed | 9.1 rpm |

| SERVICE REFILL CAPACITIES | | | | |
|-----------------------------------|-------|--------|--------|--|
| Re-filling | liter | US gal | UK gal | |
| Fuel tank | 600 | 154.7 | 131.9 | |
| Engine coolant | 55 | 14.5 | 12.1 | |
| Engine oil | 30 | 7.9 | 6.6 | |
| Swing device | 11 | 2.91 | 2.42 | |
| Final drive (each) | 7.8 | 2.06 | 1.72 | |
| Hydraulic system (including tank) | 414 | 106.7 | 91.06 | |
| Hydraulic tank | 210 | 54.1 | 46.2 | |
| DEF/AdBlue® | 42.5 | 11.2 | 9.3 | |

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 | 48 EA |
| No. of carrier roller on each side | 2 EA |
| No. of track roller on each side | 9 EA |
| No. of rail guard on each side | 2 EA |

OPERATING WEIGHT (APPROXIMATE)

Operating weight, including 6,250mm (20' 6") boom, 3,050mm (10' 0") arm, SAE heaped $1.27 \, \text{m}^3$ (1.66 $y \, \text{d}^3$) bucket, lubricant, coolant, full fuel tank, full hydraulic tank, and all standard equipments.

OPERATING WEIGHT

| Shoes | | Operat | Ground pressure | | | |
|----------------|------------------|----------|---------------------------|---|--|--|
| Туре | Width mm (in) | k | kgf/cm² (psi) | | | |
| | | HX330 L | 33,500 (73,850) | 0.65 (9.24) | | |
| | 600 (24") | HX330 HW | 36,000 (79,370) | 0.69 (9.81) | | |
| | | HX330 NL | 33,300 (73,410) | 0.64 (9.10) | | |
| Triple | 700 (28") | HX330 L | OL 34,070 (75,110) 0.56 (| 0.56 (7.96) | | |
| grouser | 700 (20) | HX330 HW | 36,570 (80,620) | 0.60 (8.53) | | |
| | 800 (32") | HX330 L | 34,450 (75,950) | 0.50 (7.11) | | |
| | 000 (32) | HX330 HW | 36,950 (81,460) | 0.64 (9.10) 0.56 (7.96) 0.60 (8.53) | | |
| | 900 (36") | HX330 L | 34,830 (76,790) | 0.45 (6.40) | | |
| Double grouser | 700 (28") | HX330 L | 37,480 (82,630) | 0.61 (8.67) | | |

BUCKET SELECTION GUIDE & DIGGING FORCE

BUCKETS







2.10 (2.75)







SAE heaped m³ (yd³) 1.44 (1.88)

1.74 (2.28

1.44 (1.8)

◆1.44 (1.88) ◆1.60 (2.09)

◆1.83 (2.39)

◆1.73 (2.26)

| | Capacity m³ (yd³) | | Width mm (in) | | | Recommendation mm (ft.in) | | | | | |
|--|-----------------------|----------------|----------------------|-------------------|---------------|---------------------------|----------------------|----------------------|-----------------------|-----------------------|--|
| | | | | | Weight | 6,150 (20' 2") Boom | | | | | |
| | SAE heaped | CECE heaped | Without side cutters | With side cutters | kg (lb) | 2,200 (7' 3") Arm | 2,200 (7' 3") Arm | 2,500 (8' 2") Arm | 3,200 (10' 6") Arm | 4,050 (13' 3") Arm | |
| | 1.44 (1.88) | 1.25 (1.63) | 1,410 (55.5) | 1,505 (59.3) | 1,230 (2,710) | • | • | • | • | • | |
| | 1.74 (2.28) | 1.50 (1.96) | 1,640 (64.6) | 1,735 (68.3) | 1,370 (3,020) | • | • | • | • | 0 | |
| | 2.10 (2.75) | 1.83 (2.39) | 1,780 (70.1) | 1,875 (73.8) | 1,500 (3,310) | • | • | • | 0 | - | |
| | \$ 1.44 (1.88) | 1.25 (1.63) | 1,480 (58.3) | - | 1,520 (3,350) | • | • | • | • | 0 | |
| | ♦ 1.44 (1.88) | 1.25 (1.63) | 1,470 (57.9) | - | 1,610 (3,550) | • | • | • | • | 0 | |
| | ◆ 1.60 (2.09) | 1.39 (1.82) | 1,590 (62.6) | = | 1,690 (3,730) | • | • | • | • | 0 | |
| | ◆ 1.73 (2.26) | 1.50 (1.96) | 1,700 (66.9) | - | 1,760 (3,880) | • | • | • | 0 | - | |
| | ◆1.83 (2.39) | 1.59 (2.08) | 1,770 (69.7) | - | 1,860 (4,100) | • | • | 0 | 0 | - | |

- Heavy duty bucket
- ◆ Rock-Heavy duty bucket

- : Applicable for materials with density of 2,000 kg /m³ (3,370 lb/ yd³) or less • : Applicable for materials with density of 1,600 kg /m³ (2,700 lb/ yd³) or less
- Applicable for materials with density of 1,000 kg /m² (2,700 lb/ yd²) or less
 Applicable for materials with density of 1,100 kg /m² (1,850 lb/ yd²) or less

ATTACHMENT

Booms and arms are welded with a low-stress, full-box section design. 6.45 m, 6.15 m Booms and 2.2 m, 2.5 m, 3.2 m, 4.05 m Arms are available.

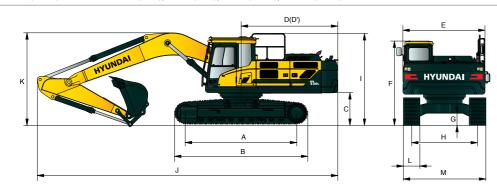
| DIGGING F | FORCE | | | | | | | | | |
|------------------|--------|------------|----------------|-------------------|----------------|----------------|----------------|--------------|--|--|
| Boom | Length | mm (ft.in) | 6,150 (20' 2") | | 6,450 (21' 2") | | | | | |
| DOOIII | Weight | kg (lb) | 2,950 (6,500) | 00) 3,030 (6,680) | | | | | | |
| Arm | Length | mm (ft.in) | 2,200 (7' 3") | 2,200 (7' 3") | 2,500 (8' 2") | 3,200 (10' 6") | 4,050 (13' 3") | Remark | | |
| AIIII | Weight | kg (lb) | 1,560 (3,440) | 1,560 (3,440) | 1,650 (3,640) | 1,770 (3,900) | 1,870 (4,120) | | | |
| Bucket | SAE | kN | 189.3 [205.5] | 189.3 [205.5] | 189.3 [205.5] | 189.3 [205.5] | 189.3 [205.5] | | | |
| | | kgf | 19300 [20950] | 19300 [20950] | 19300 [20950] | 19300 [20950] | 19300 [20950] | | | |
| | | lbf | 42550 [46200] | 42550 [46200] | 42550 [46200] | 42550 [46200] | 42550 [46200] | | | |
| digging force | ISO | kN | 211.8 [230.0] | 211.8 [230.0] | 211.8 [230.0] | 211.8 [230.0] | 211.8 [230.0] | | | |
| | | kgf | 21600 [23450] | 21600 [23450] | 21600 [23450] | 21600 [23450] | 21600 [23450] | | | |
| | | lbf | 47620 [51700] | 47620 [51700] | 47620 [51700] | 47620 [51700] | 47620 [51700] | []: Power | | |
| | | kN | 196.6 [213.4] | 196.6 [213.4] | 178.9 [194.2] | 143.2 [155.5] | 119.6 [129.9] | Boost | | |
| _ | SAE | kgf | 20000 [21760] | 20000 [21760] | 18200 [19810] | 14600 [15850] | 12200 [13240] |] | | |
| Arm | | lbf | 44190 [47980] | 44190 [47980] | 40220 [43670] | 32190 [34950] | 26890 [29190] | | | |
| force | | kN | 202.8 [220.2] | 202.8 [220.2] | 185.1 [201.0] | 147.1 [159.7] | 122.7 [133.3] | | | |
| | ISO | kgf | 20700 [22450] | 20700 [22450] | 18900 [20500] | 15000 [16290] | 12515 [13590] | | | |
| | | lbf | 45600 [49510] | 45600 [49510] | 41620 [45190] | 33070 [35900] | 27590 [29950] | | | |

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

DIMENSIONS & WORKING RANGE

HX330 L / HX330 NL DIMENSIONS

6.45 m (21' 2"), 6.15 m (20' 2") BOOM and 2.2 m (7' 3"), 2.5 m (8' 2"), 3.2 m (10' 6"), 4.05 m (13' 3") ARM

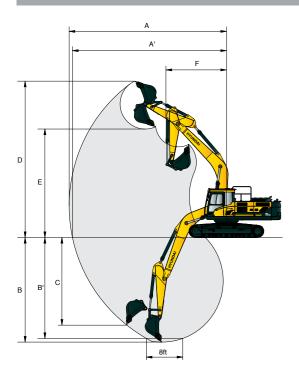


Unit∶mm (ft·in)

| Tumbler distance | 4,030 (13' 3") | |
|-------------------|---|--|
| Overall length of | crawler | 4,940 (16' 2") |
| Ground clearance | e of counterweight | 1,200 (3' 11") |
| Tail swing radius | 3,570 (11' 7") | |
| Rear-end length | 3,505 (11' 5") | |
| Overall width of | 2,980 (9' 9") | |
| Overall height of | cab | 3,160 (10' 4") |
| Min. ground clea | irance | 500 (1' 8") |
| Track gauge | HX330 L | 2,680 (8' 10") |
| rrack gauge | HX330 NL | 2,390 (7' 10") |
| Overall height of | 3,350 (11' 0") | |
| | Overall length of Ground clearanc Tail swing radius Rear-end length Overall width of Overall height of Min. ground clear Track gauge | Rear-end length Overall width of upperstructure Overall height of cab Min. ground clearance HX330 L Track gauge |

| | Boom length | | 6,150 (20' 2") | 6,450 (21' 2") | | | | | |
|----|------------------------|---------|--------------------|--------------------|--------------------|---------------------|---------------------|--|--|
| | Arm length | | 2,200 (7' 3") | 2,200 (7' 3") | 2,500 (8' 2") | 3,200 (10' 6") | 4,050 (13' 3") | | |
| J | Overall length | | 11,170 (36' 8") | 11,470 (37' 8") | 11,340 (37' 2") | 11,220 (36' 10") | 11,220 (36' 10") | | |
| K | Overall height of boom | | 3,680 (12' 1") | 3,740 (11' 11") | 3,760 (12' 0") | 3,380 (11' 1") | 3,860 (12' 8") | | |
| L | Track shoe wid | lth | 600 (24' | 700 (2 | 28") 80 | 00 (32") | 900 (36") | | |
| NA | 0 11 : 111 | HX330L | 3,280 (10' 9") | 3,38 (11' | | 3,480 11' 5") | 3,580 (11' 5") | | |
| М | Overall width | HX330NL | 2,990 (9' 10") | | | | | | |

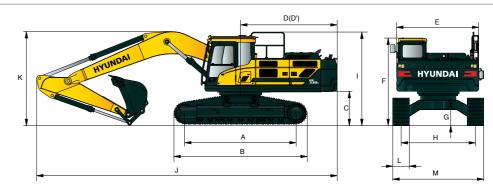
HX330 L / HX330 NL WORKING RANGE



| | | | | | Ur | nit : mm (ft·in) | | |
|----|----------------------------------|---------------------|---------------------|---------------------|---------------------|--------------------|--|--|
| | Boom length | 6.15 (20' 2") | 6.45 (21' 2") | | | | | |
| | Arm length | 2.2 (7' 3") | 2.2 (7' 3") | 2.5 (8' 2") | 3.2 (10' 6") | 4.05 (13' 3") | | |
| А | Max. digging reach | 10,020 (32' 10") | 10,330 (33' 11") | 10,550 (34' 7") | 11,140 (36' 7") | 11,950 (39' 2") | | |
| A' | Max. digging reach on ground | 9,800 (32' 2") | 10,110 (33' 2") | 10,330 (33' 11") | 10,940 (35' 11") | 11,760 (38' 7") | | |
| В | Max. digging depth | 6,160 (20' 3") | 6,370 (20' 11") | 6,670 (21' 11") | 7,370 (24' 2") | 8,220 (26' 12") | | |
| B' | Max. digging depth (8' level) | 5,950 (19' 6") | 6,160 (20' 3") | 6,470 (21' 3") | 7,210 (23' 8") | 8,080 (26' 6") | | |
| C | Max, vertical wall digging depth | 5,710 (18' 9") | 5,980 (19' 7") | 5,920 (19' 5") | 6,360 (20' 10") | 7,260 (23' 10") | | |
| D | Max. digging height | 9,940 (32' 7") | 10,220 (33' 6") | 10,170 (33' 4") | 10,310 (33' 10") | 10,710 (35' 2") | | |
| Е | Max. dumping height | 6,780 (22' 3") | 7,050 (23' 2") | 7,050 (23' 2") | 7,240 (23' 9") | 7,630 (25' 0") | | |
| F | Min. swing radius | 4,520 (14' 10") | 4,700 (15' 5") | 4,550 (14' 11") | 4,460 (14' 8") | 4,470 (14' 8") | | |

HX330 L HIGH WALKER DIMENSIONS

6.45 m (21' 2") BOOM and 2.2 m (7' 3"), 2.5 m (8' 2"), 3.2 m (10' 6"), 4.05 m (13' 3") ARM



Boom length

Min. swing

4,700

(15' 5")

Unit∶mm (ft·in)

Unit∶mm (ft·in)

4,470

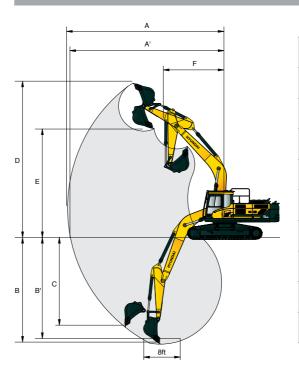
(14' 8")

| Α | Tumbler distance | 4,030 (13' 3") |
|----|-----------------------------------|----------------|
| В | Overall length of crawler | 4,940 (16' 2") |
| C | Ground clearance of counterweight | 1,500 (4' 11") |
| D | Tail swing radius | 3,570 (11' 7") |
| D' | Rear-end length | 3,505 (11' 5") |
| Е | Overall width of upperstructure | 2,980 (9' 9") |
| F | Overall height of cab | 3,440 (11' 3") |
| G | Min. ground clearance | 765 (2' 6") |
| Н | Track gauge | 2,870 (9' 5") |
| 1 | Overall height of guardrail | 3,650 (12' 0") |

| | Boom lengt | h | 6,450 (21' 2") | | | | | |
|---|--------------|------------|--------------------|--------------------|--------------------|---------------------|--|--|
| | Arm length | | 2,200 (7' 3") | 2,500 (8' 2") | 3,200 (10' 6") | 4,050 (13' 3") | | |
| J | Overall leng | th | 11,460 (37' 7") | 11,340 (37' 2") | 11,150 (36' 7") | 11,240 (36' 11") | | |
| K | Overall heig | ht of boom | 3,740 (12' 3") | 3,760 (12' 4") | 3,360 (11' 0") | 3,810 (12' 6") | | |
| | To all also | Туре | - | Triple grouse | - | Double grouser | | |
| L | Track shoe | \\/;d+b | 600 (24") | 700 (20") | 000 (22") | 000 (26") | | |

| I Track shoe | Туре | | Double grouser | | |
|-----------------|-----------------|-------------------|-------------------|-------------------|-------------------|
| L Track Stide | Width 600 (24") | | 700 (28") | 800 (32") | 900 (36") |
| M Overall width | | 3,470 (11' 5") | 3,570 (11' 9") | 3,670 (12' 0") | 3,570 (11' 9") |

HX330 L HIGH WALKER WORKING RANGE



| | | (21 2) | | | | | | |
|----|----------------------------------|---------------------|--------------------|--------------------|--------------------|--|--|--|
| | Arm length | 2.2 (7' 3") | 2.5 (8' 2") | 3.2 (10' 6") | 4.05 (13' 3") | | | |
| Д | Max. digging reach | 10,330 (33' 11") | 10,550 (34' 7") | 11,140 (36' 7") | 11,950 (39' 2") | | | |
| Α' | Max. digging reach on ground | 10,040 (32' 11") | 10,270 (33' 8") | 10,880 (35' 8") | 11,710 (38' 5") | | | |
| В | Max. digging depth | 6,100 (20' 0") | 6,400 (20' 12") | 7,100 (23' 4") | 7,950 (26' 1") | | | |
| В' | Max. digging depth (8' level) | 5,890 (19' 4") | 6,200 (20' 4") | 6,940 (22' 9") | 7,800 (25' 7") | | | |
| С | Max, vertical wall digging depth | 5,700 (18' 8") | 5,650 (18' 6") | 6,080 (19' 11") | 6,980 (22' 11") | | | |
| D | Max. digging height | 10,500 (34' 5") | 10,450 (34' 3") | 10,590 (34' 9") | 10,990 (36' 1") | | | |
| E | Max. dumping height | 7,330 (24' 1") | 7,330 (24' 1") | 7,520 (24' 8") | 7,910 (25' 11") | | | |

4,550

(14' 11")

4,460

(14' 8")

LIFTING CAPACITY

Rating over-front Rating over-side or 360 degree

6.15 m (20' 2") boom, 2.2 m (7' 3") arm equipped with 1.44 m³ (SAE heaped) bucket and 600 mm (24") triple grouser shoe.

| 1 1 | | | | | Load r | adius | | | | At | At max. reach | | |
|------------------|----|----------|--------|-----------|---------|-----------|---------|----------|---------|--------|---------------|--------|--|
| Load po | | 3.0 m (9 | .8 ft) | 4.5 m (14 | 4.7 ft) | 6.0 m (19 | 9.6 ft) | 7.5 m (2 | 4.5 ft) | Capac | ity | Reach | |
| height m (ft) | | Ð | | ŀ | | Į. | | ŀ | | Ū | | m (ft) | |
| 7.5 m | kg | | | | | | | | | *7380 | 6080 | 7.69 | |
| (25 ft) | lb | | | | | | | | | *16270 | 13400 | (25.2) | |
| 6.0 m | kg | | | | | *8280 | *8280 | *7970 | 6200 | *7440 | 4850 | 8.61 | |
| (20 ft) | lb | | | | | *18250 | *18250 | *17570 | 13670 | *16400 | 10690 | (28.2) | |
| 4.5 m | kg | | | *11980 | *11980 | *9530 | 8850 | *8390 | 6060 | 6600 | 4230 | 9.16 | |
| (15 ft) | lb | | | *26410 | *26410 | *21010 | 19510 | *18500 | 13360 | 14550 | 9330 | (30.1) | |
| 3.0 m | kg | | | *15470 | 13010 | *11120 | 8350 | 9080 | 5830 | 6220 | 3950 | 9.39 | |
| (10 ft) | lb | | | *34110 | 28680 | *24520 | 18410 | 20020 | 12850 | 13710 | 8710 | (30.8) | |
| 1.5 m | kg | | | *17910 | 12210 | *12530 | 7920 | 8840 | 5600 | 6190 | 3910 | 9.35 | |
| (5 ft) | lb | | | *39480 | 26920 | *27620 | 17460 | 19490 | 12350 | 13650 | 8620 | (30.7) | |
| Ground | kg | | | *18640 | 11930 | 12410 | 7660 | 8670 | 5450 | 6530 | 4120 | 9.02 | |
| Line | lb | | | *41090 | 26300 | 27360 | 16890 | 19110 | 12020 | 14400 | 9080 | (29.6) | |
| -1.5 m | kg | *16990 | *16990 | *18160 | 11930 | 12320 | 7580 | 8630 | 5420 | 7400 | 4690 | 8.37 | |
| (-5 ft) | lb | *37460 | *37460 | *40040 | 26300 | 27160 | 16710 | 19030 | 11950 | 16310 | 10340 | (27.5) | |
| -3.0 m | kg | *22830 | *22830 | *16550 | 12120 | *12300 | 7690 | | | *8260 | 5970 | 7.29 | |
| (-10 ft) | lb | *50330 | *50330 | *36490 | 26720 | *27120 | 16950 | | | *18210 | 13160 | (23.9) | |
| -4.5 m | kg | *17800 | *17800 | *13080 | 12560 | | | | | | | | |
| (-15 ft) | lb | *39240 | *39240 | *28840 | 27690 | | | | | | | | |

6.45 m (21' 2") boom, 2.2 m (7' 3") arm equipped with 1.44 m³ (SAE heaped) bucket and 600 mm (24") triple grouser shoe.

| | | | | At max, reach | | | | | | | | |
|-----------------|----|----------|---------|---------------|---------|----------|---------|----------|---------|--------|-------|--------|
| Load po | | 3.0 m (9 | 9.8 ft) | 4.5 m (14 | 4.7 ft) | 6.0 m (1 | 9.6 ft) | 7.5 m (2 | 4.5 ft) | Capac | ity | Reach |
| heigh m (ft) | | ľ | | y | | H | | U | | Ū | | m (ft) |
| 7.5 m | kg | | | | | | | | | *7020 | 5490 | 8.07 |
| (25 ft) | lb | | | | | | | | | *15480 | 12100 | (26.5) |
| 6.0 m | kg | | | | | *8120 | *8120 | *7600 | 6140 | 6900 | 4430 | 8.95 |
| (20 ft) | lb | | | | | *17900 | *17900 | *16760 | 13540 | 15210 | 9770 | (29.4) |
| 4.5 m | kg | | | *12260 | *12260 | *9450 | 8660 | *8150 | 5950 | 6140 | 3890 | 9.47 |
| (15 ft) | lb | | | *27030 | *27030 | *20830 | 19090 | *17970 | 13120 | 13540 | 8580 | (31.1) |
| 3.0 m | kg | | | | | *11050 | 8120 | 8930 | 5690 | 5790 | 3630 | 9.70 |
| (10 ft) | lb | | | | | *24360 | 17900 | 19690 | 12540 | 12760 | 8000 | (31.8) |
| 1.5 m | kg | | | | | *12410 | 7680 | 8670 | 5450 | 5770 | 3600 | 9.66 |
| (5 ft) | lb | | | | | *27360 | 16930 | 19110 | 12020 | 12720 | 7940 | (31.7) |
| Ground | kg | | | *18350 | 11600 | 12150 | 7430 | 8500 | 5290 | 6060 | 3780 | 9.34 |
| Line | lb | | | *40450 | 25570 | 26790 | 16380 | 18740 | 11660 | 13360 | 8330 | (30.6) |
| -1.5 m | kg | *14500 | *14500 | *17770 | 11640 | 12080 | 7370 | 8460 | 5250 | 6810 | 4280 | 8.72 |
| (-5 ft) | lb | *31970 | *31970 | *39180 | 25660 | 26630 | 16250 | 18650 | 11570 | 15010 | 9440 | (28.6) |
| -3.0 m | kg | *22000 | *22000 | *16270 | 11850 | 12210 | 7480 | | | *7830 | 5360 | 7.70 |
| (-10 ft) | lb | *48500 | *48500 | *35870 | 26120 | 26920 | 16490 | | | *17260 | 11820 | (25.3) |
| -4.5 m | kg | *17710 | *17710 | *13290 | 12270 | | | | | | | |
| (-15 ft) | lb | *39040 | *39040 | *29300 | 27050 | | | | | | | |

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

Rating over-front Rating over-side or 360 degree

19

6.45 m (21' 2") boom, 2.5 m (8' 2") arm equipped with 1.44 m³ (SAE heaped) bucket and 600 mm (24") triple grouser shoe.

| | | | | | А | ch | | | | | | | | |
|-----------------|----|---------|---------|----------|---------|----------|----------|----------|----------|----------|---------|----------|--------|--------|
| Load po | | 3.0 m (| 9.8 ft) | 4.5 m (1 | 4.7 ft) | 6.0 m (1 | 19.6 ft) | 7.5 m (2 | 24.5 ft) | 9.0 m (2 | 9.4 ft) | Capacity | | Reach |
| heigh m (ft) | | J | | J | | J | | ŀ | | Ů | | J | | m (ft) |
| 7.5 m | kg | | | | | | | | | | | *6610 | 5190 | 8.34 |
| (24.5 ft) | lb | | | | | | | | | | | *14570 | 11440 | (27.4) |
| 6.0 m | kg | | | | | | | *7220 | 6170 | | | 6590 | 4220 | 9.19 |
| (19.6 ft) | lb | | | | | | | *15920 | 13600 | | | 14530 | 9300 | (30.2) |
| 4.5 m | kg | | | *11490 | *11490 | *9010 | 8710 | *7820 | 5960 | | | 5880 | 3710 | 9.70 |
| (14.7 ft) | lb | | | *25330 | *25330 | *19860 | 19200 | *17240 | 13140 | | | 12960 | 8180 | (31.8) |
| 3.0 m | kg | | | *15000 | 12650 | *10650 | 8130 | *8660 | 5670 | | | 5560 | 3460 | 9.92 |
| (9.8 ft) | lb | | | *33070 | 27890 | *23480 | 17920 | *19090 | 12500 | | | 12260 | 7630 | (32.5) |
| 1.5 m | kg | | | *17450 | 11780 | *12090 | 7650 | 8640 | 5410 | 6410 | 3990 | 5520 | 3420 | 9.88 |
| (4.9 ft) | lb | | | *38470 | 25970 | *26650 | 16870 | 19050 | 11930 | 14130 | 8800 | 12170 | 7540 | (32.4) |
| Ground | kg | | | *18220 | 11490 | 12090 | 7360 | 8440 | 5230 | | | 5780 | 3580 | 9.57 |
| Line | lb | | | *40170 | 25330 | 26650 | 16230 | 18610 | 11530 | | | 12740 | 7890 | (31.4) |
| -1.5 m | kg | *15100 | *15100 | *17870 | 11480 | 11980 | 7270 | 8370 | 5170 | | | 6450 | 4020 | 8.97 |
| (-4.9 ft) | lb | *33290 | *33290 | *39400 | 25310 | 26410 | 16030 | 18450 | 11400 | | | 14220 | 8860 | (29.4) |
| -3.0 m | kg | *22890 | *22890 | *16580 | 11660 | 12070 | 7350 | | | | | *7820 | 4960 | 7.98 |
| (-9.8 ft) | lb | *50460 | *50460 | *36550 | 25710 | 26610 | 16200 | | | | | *17240 | 10930 | (26.2) |
| -4.5 m | kg | *18960 | *18960 | *13950 | 12050 | *10230 | 7640 | | | | | *7180 | *7180 | 6.42 |
| (-14.7 ft) | lb | *41800 | *41800 | *41800 | 26570 | *22550 | 16840 | | | | | *15830 | *15830 | (21.1) |

6.45 m (21' 2") boom, 3.2 m (10' 6") arm equipped with 1.44 m³ (SAE heaped) bucket and 600 mm (24") triple grouser shoe.

| | | Load radius | | | | | | | | | | | At | ch | | |
|----------------|----|-------------|--------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|-------|--------|
| Load po | | 1.5 m | (5 ft) | 3.0 m | (10 ft) | 4.5 m | (15 ft) | 6.0 m | (20 ft) | 7.5 m | (25 ft) | 9.0 m | (30 ft) | Capa | icity | Reach |
| heigh m (ft | | Ū | | Ū | | J | | Ū | | ŀ | | Ū | | Ū | | m (ft) |
| 7.5 m | kg | | | | | | | | | *5160 | *5160 | | | *5870 | 4510 | 9.06 |
| (25 ft) | lb | | | | | | | | | *11380 | *11380 | | | *12940 | 9940 | (29.7) |
| 6.0 m | kg | | | | | | | | | *6410 | 6300 | | | 5880 | 3740 | 9.84 |
| (20 ft) | lb | | | | | | | | | *14130 | 13890 | | | 12960 | 8250 | (32.3) |
| 4.5 m | kg | | | | | | | *8000 | *8000 | *7090 | 6040 | *5360 | 4290 | 5300 | 3310 | 10.31 |
| (15 ft) | lb | | | | | | | *17640 | *17640 | *15630 | 13320 | *11820 | 9460 | 11680 | 7300 | (33.8) |
| 3.0 m | kg | | | | | *13300 | 13080 | *9720 | 8270 | *8020 | 5730 | 6570 | 4140 | 5020 | 3090 | 10.52 |
| (10 ft) | lb | | | | | *29320 | 28840 | *21430 | 18230 | *17680 | 12630 | 14480 | 9130 | 11070 | 6810 | (34.5) |
| 1.5 m | kg | | | | | *16290 | 11990 | *11360 | 7720 | 8650 | 5420 | 6390 | 3970 | 4970 | 3040 | 10.48 |
| (5 ft) | lb | | | | | *35910 | 26430 | *25040 | 17020 | 19070 | 11950 | 14090 | 8750 | 10960 | 6700 | (34.4) |
| Ground | kg | | | *10320 | *10320 | *17800 | 11460 | 12070 | 7340 | 8400 | 5190 | 6260 | 3850 | 5160 | 3150 | 10.19 |
| Line | lb | | | *22750 | *22750 | *39240 | 25260 | 26610 | 16180 | 18520 | 11440 | 13800 | 8490 | 11380 | 6940 | (33.4) |
| -1.5 m | kg | *11460 | *11460 | *14560 | *14560 | *18040 | 11320 | 11870 | 7160 | 8260 | 5060 | | | 5660 | 3470 | 9.63 |
| (-5 ft) | lb | *25260 | *25260 | *32100 | *32100 | *39770 | 24960 | 26170 | 15790 | 18210 | 11160 | | | 12480 | 7650 | (31.6) |
| -3.0 m | kg | *15430 | *15430 | *19550 | *19550 | *17260 | 11400 | 11870 | 7160 | 8270 | 5070 | | | 6690 | 4160 | 8.74 |
| (-10 ft) | lb | *34020 | *34020 | *43100 | *43100 | *38050 | 25130 | 26170 | 15790 | 18230 | 11180 | | | 14750 | 9170 | (28.7) |
| -4.5 m | kg | | | *21700 | *21700 | *15310 | 11680 | *11330 | 7350 | | | | | *7380 | 5670 | 7.37 |
| (-15 ft) | lb | | | *47840 | *47840 | *33750 | 25750 | *24980 | 16200 | | | | | *16270 | 12500 | (24.2) |
| -6.0 m | kg | | | | | *11240 | *11240 | | | | | | | | | |
| (-20 ft) | lb | | | | | *24780 | *24780 | | | | | | | | | |

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

LIFTING CAPACITY

Rating over-front Rating over-side or 360 degree

6.45 m (21' 2") boom, 4.05 m (13' 3") arm equipped with 1.44 m³ (SAE heaped) bucket and 600 mm (24") triple grouser shoe.

| | | | Load radius | | | | | | | | | | | | | ach |
|----------------|----|--------|-------------|---------|----------|---------|----------|---------|----------|---------|----------|---------|-----------|--------|-------|--------|
| Load po | | 1.5 m | (5.0 ft) | 3.0 m (| 10.0 ft) | 4.5 m (| 15.0 ft) | 6.0 m (| 20.0 ft) | 7.5 m (| 25.0 ft) | 9.0 m (| (30.0 ft) | Capa | city | Reach |
| heigh m (ft | | | | Ð | | J | | J | | Ū | | ľ | | | | m (ft) |
| 7.5 m | kg | | | | | | | | | | | | | *5090 | 3700 | 10.00 |
| (25 ft) | lb | | | | | | | | | | | | | *11220 | 8160 | (32.8) |
| 6.0 m | kg | | | | | | | | | | | *4410 | *4410 | 5020 | 3120 | 10.71 |
| (20 ft) | lb | | | | | | | | | | | *9720 | *9720 | 11070 | 6880 | (35.1) |
| 4.5 m | kg | | | | | | | | | *6100 | *6100 | *5630 | 4330 | 4570 | 2780 | 11.13 |
| (15 ft) | lb | | | | | | | | | *13450 | *13450 | *12410 | 9550 | 10080 | 6130 | (36.5) |
| 3.0 m | kg | | | *17980 | *17980 | *11050 | *11050 | *8430 | *8430 | *7110 | 5780 | *6360 | 4130 | 4340 | 2600 | 11.32 |
| (10 ft) | lb | | | *39640 | *39640 | *24360 | *24360 | *18580 | *18580 | *15670 | 12740 | *14020 | 9110 | 9570 | 5730 | (37.1) |
| 1.5 m | kg | | | *10550 | *10550 | *14520 | 12330 | *10270 | 7820 | *8170 | 5420 | 6360 | 3930 | 4290 | 2540 | 11.29 |
| (5 ft) | lb | | | *23260 | *23260 | *32010 | 27180 | *22640 | 17240 | *18010 | 11950 | 14020 | 8660 | 9460 | 5600 | (37.0) |
| Ground | kg | | | *10920 | *10920 | *16810 | 11520 | *11740 | 7330 | 8350 | 5130 | 6170 | 3750 | 4420 | 2620 | 11.03 |
| Line | lb | | | *24070 | *24070 | *37060 | 25400 | *25880 | 16160 | 18410 | 11310 | 13600 | 8270 | 9740 | 5780 | (36.2) |
| -1.5 m | kg | *9970 | *9970 | *13500 | *13500 | *17770 | 11160 | 11760 | 7050 | 8140 | 4940 | 6050 | 3650 | 4780 | 2850 | 10.52 |
| (-5 ft) | lb | *21980 | *21980 | *29760 | *29760 | *39180 | 24600 | 25930 | 15540 | 17950 | 10890 | 13340 | 8050 | 10540 | 6280 | (34.5) |
| -3.0 m | kg | *13140 | *13140 | *17090 | *17090 | *17640 | 11100 | 11650 | 6950 | 8060 | 4870 | 6040 | 3640 | 5480 | 3320 | 9.72 |
| (-10 ft) | lb | *28970 | *28970 | *37680 | *37680 | *38890 | 24470 | 25680 | 15320 | 17770 | 10740 | 13320 | 8020 | 12080 | 7320 | (31.9) |
| -4.5 m | kg | *16780 | *16780 | *21910 | *21910 | *16430 | 11260 | 11730 | 7030 | 8150 | 4950 | | | *6870 | 4260 | 8.53 |
| (-15 ft) | lb | *36990 | *36990 | *48300 | *48300 | *36220 | 24820 | 25860 | 15500 | 17970 | 10910 | | | *15150 | 9390 | (28.0) |
| -6.0 m | kg | | | *19740 | *19740 | *13170 | 11670 | *9910 | 7320 | | | | | *6610 | 6600 | 6.71 |
| (-20 ft) | lb | | | *43520 | *43520 | *30230 | 25730 | *21850 | 16140 | | | | | *14570 | 14550 | (22.0) |

6.45 m (21' 2") boom, 2.2 m (7' 3") arm equipped with 1.44 m³ (SAE heaped) bucket and 600 mm (24") triple grouser shoe.

| 1 1 | | | | At max. reach | | | | | | | | |
|----------------|----|----------|---------|---------------|---------|-----------|---------|----------|---------|----------|-------|--------|
| Load po | | 3.0 m (9 |).8 ft) | 4.5 m (14 | 4.7 ft) | 6.0 m (19 | 9.6 ft) | 7.5 m (2 | 4.5 ft) | Capacity | | Reach |
| heigh m (ft | | Ū | | ľ | | P | | | | J | | m (ft) |
| 7.5 m | kg | | | | | | | | | *7020 | 4640 | 8.07 |
| (25 ft) | lb | | | | | | | | | *15480 | 10230 | (26.5) |
| 6.0 m | kg | | | | | *8120 | 7760 | *7600 | 5180 | 6850 | 3700 | 8.95 |
| (20 ft) | lb | | | | | *17900 | 17110 | *16760 | 11420 | 15100 | 8160 | (29.4) |
| 4.5 m | kg | | | *12260 | 11550 | *9450 | 7310 | *8150 | 5000 | 6090 | 3210 | 9.47 |
| (15 ft) | lb | | | *27030 | 25460 | *20830 | 16120 | *17970 | 11020 | 13430 | 7080 | (31.1) |
| 3.0 m | kg | | | | | *11050 | 6790 | 8880 | 4750 | 5750 | 2980 | 9.70 |
| (10 ft) | lb | | | | | *24360 | 14970 | 19580 | 10470 | 12680 | 6570 | (31.8) |
| 1.5 m | kg | | | | | 12360 | 6360 | 8620 | 4520 | 5730 | 2940 | 9.66 |
| (5 ft) | lb | | | | | 27250 | 14020 | 19000 | 9960 | 12630 | 6480 | (31.7) |
| Ground | kg | | | *18350 | 9450 | 12070 | 6130 | 8440 | 4370 | 6020 | 3100 | 9.34 |
| Line | lb | | | *40450 | 20830 | 26610 | 13510 | 18610 | 9630 | 13270 | 6830 | (30.6) |
| -1.5 m | kg | *14500 | *14500 | *17770 | 9500 | 12010 | 6070 | 8400 | 4330 | 6770 | 3530 | 8.72 |
| (-5 ft) | lb | *31970 | *31970 | *39180 | 20940 | 26480 | 13380 | 18520 | 9550 | 14930 | 7780 | (28.6) |
| -3.0 m | kg | *22000 | 19730 | *16270 | 9690 | 12130 | 6170 | | | *7830 | 4460 | 7.70 |
| (-10 ft) | lb | *48500 | 43500 | *35870 | 21360 | 26740 | 13600 | | | *17260 | 9830 | (25.3) |
| -4.5 m | kg | *17710 | *17710 | *13290 | 10090 | | | | | | | |
| (-15 ft) | lb | *39040 | *39040 | *29300 | 22240 | | | | | | | |

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

Rating over-front Rating over-side or 360 degree

6.45 m (21' 2") boom, 2.5 m (8' 2") arm equipped with 1.44 m³ (SAE heaped) bucket and 600 mm (24") triple grouser shoe.

| | | | | At max. reach | | | | | | | | | | |
|----------------|----|---------|---------|---------------|---------|---------|----------|----------|----------|----------|---------|----------|-------|--------|
| Load po | | 3.0 m (| 9.8 ft) | 4.5 m (1 | 4.7 ft) | 6.0 m (| 19.6 ft) | 7.5 m (2 | 24.5 ft) | 9.0 m (2 | 9.4 ft) | Capacity | | Reach |
| heigh m (ft | | J | | J | | J | | J | | J | | J | | m (ft) |
| 7.5 m | kg | | | | | | | | | | | *6610 | 4380 | 8.34 |
| (24.5 ft) | lb | | | | | | | | | | | *14570 | 9660 | (27.4) |
| 6.0 m | kg | | | | | | | *7220 | 5210 | | | 6550 | 3510 | 9.19 |
| (19.6 ft) | lb | | | | | | | *15920 | 11490 | | | 14440 | 7740 | (30.2) |
| 4.5 m | kg | | | *11490 | *11490 | *9010 | 7350 | *7820 | 5010 | | | 5840 | 3050 | 9.70 |
| (14.7 ft) | lb | | | *25330 | *25330 | *19860 | 16200 | *17240 | 11050 | | | 12870 | 6720 | (31.8) |
| 3.0 m | kg | | | *15000 | 10440 | *10650 | 6800 | *8660 | 4730 | | | 5520 | 2830 | 9.92 |
| (9.8 ft) | lb | | | *33070 | 23020 | *23480 | 14990 | *19090 | 10430 | | | 12170 | 6240 | (32.5) |
| 1.5 m | kg | | | *17450 | 9620 | *12090 | 6340 | 8580 | 4480 | 6360 | 3270 | 5480 | 2780 | 9.88 |
| (4.9 ft) | lb | | | *38470 | 21210 | *26650 | 13980 | 18920 | 9880 | 14020 | 7210 | 12080 | 6130 | (32.4) |
| Ground | kg | | | *18220 | 9340 | 12010 | 6060 | 8380 | 4300 | | | 5740 | 2920 | 9.57 |
| Line | lb | | | *40170 | 20590 | 26480 | 13360 | 18470 | 9480 | | | 12650 | 6440 | (31.4) |
| -1.5 m | kg | *15100 | *15100 | *17870 | 9340 | 11900 | 5970 | 8310 | 4240 | | | 6400 | 3290 | 8.97 |
| (-4.9 ft) | lb | *33290 | *33290 | *39400 | 20590 | 26230 | 13160 | 18320 | 9350 | | | 14110 | 7250 | (29.4) |
| -3.0 m | kg | *22890 | 19360 | *16580 | 9510 | 11990 | 6040 | | | | | *7820 | 4110 | 7.98 |
| (-9.8 ft) | lb | *50460 | 42680 | *36550 | 20970 | 26430 | 13320 | | | | | *17240 | 9060 | (26.2) |
| -4.5 m | kg | *18960 | *18960 | *13950 | 9870 | *10230 | 6330 | | | | | *7180 | 6120 | 6.42 |
| (-14.7 ft) | lb | *41800 | *41800 | *30750 | 21760 | *22550 | 13960 | | | | | *15830 | 13490 | (21.1) |

6.45 m (21' 2") boom, 3.2 m (10' 6") arm equipped with 1.44 m³ (SAE heaped) bucket and 600 mm (24") triple grouser shoe.

| | | | | | | Load radius | | | | | | | | | At max. reach | | |
|----------------|----|--------|--------|--------|---------|-------------|---------|--------|---------|--------|---------|---------------|------|--------|---------------|--------|--|
| Load po | | 1.5 m | (5 ft) | 3.0 m | (10 ft) | 4.5 m | (15 ft) | 6.0 m | (20 ft) | 7.5 m | (25 ft) | 9.0 m (30 ft) | | Capa | icity | Reach | |
| heigh m (ft | | ŀ | | J | | J | | J | | ľ | | J | | J | | m (ft) | |
| 7.5 m | kg | | | | | | | | | *5160 | *5160 | | | *5870 | 3780 | 9.06 | |
| (25 ft) | lb | | | | | | | | | *11380 | *11380 | | | *12940 | 8330 | (29.7) | |
| 6.0 m | kg | | | | | | | | | *6410 | 5340 | | | 5840 | 3090 | 9.84 | |
| (20 ft) | lb | | | | | | | | | *14130 | 11770 | | | 12870 | 6810 | (32.3) | |
| 4.5 m | kg | | | | | | | *8000 | 7520 | *7090 | 5090 | *5360 | 3570 | 5260 | 2700 | 10.31 | |
| (15 ft) | lb | | | | | | | *17640 | 16580 | *15630 | 11220 | *11820 | 7870 | 11600 | 5950 | (33.8) | |
| 3.0 m | kg | | | | | *13300 | 10840 | *9720 | 6930 | *8020 | 4780 | 6530 | 3410 | 4980 | 2500 | 10.52 | |
| (10 ft) | lb | | | | | *29320 | 23900 | *21430 | 15280 | *17680 | 10540 | 14400 | 7520 | 10980 | 5510 | (34.5) | |
| 1.5 m | kg | | | | | *16290 | 9820 | *11360 | 6400 | 8600 | 4480 | 6350 | 3250 | 4930 | 2450 | 10.48 | |
| (5 ft) | lb | | | | | *35910 | 21650 | *25040 | 14110 | 18960 | 9880 | 14000 | 7170 | 10870 | 5400 | (34.4) | |
| Ground | kg | | | *10320 | *10320 | *17800 | 9320 | 11990 | 6030 | 8340 | 4260 | 6220 | 3130 | 5120 | 2540 | 10.19 | |
| Line | lb | | | *22750 | *22750 | *39240 | 20550 | 26430 | 13290 | 18390 | 9390 | 13710 | 6900 | 11290 | 5600 | (33.4) | |
| -1.5 m | kg | *11460 | *11460 | *14560 | *14560 | *18040 | 9180 | 11790 | 5860 | 8210 | 4140 | | | 5620 | 2820 | 9.63 | |
| (-5 ft) | lb | *25260 | *25260 | *32100 | *32100 | *39770 | 20240 | 25990 | 12920 | 18100 | 9130 | | | 12390 | 6220 | (31.6) | |
| -3.0 m | kg | *15430 | *15430 | *19550 | 18810 | *17260 | 9260 | 11790 | 5860 | 8220 | 4150 | | | 6640 | 3410 | 8.74 | |
| (-10 ft) | lb | *34020 | *34020 | *43100 | 41470 | *38050 | 20410 | 25990 | 12920 | 18120 | 9150 | | | 14640 | 7520 | (28.7) | |
| -4.5 m | kg | | | *21700 | 19340 | *15310 | 9520 | *11330 | 6040 | | | | | *7380 | 4710 | 7.37 | |
| (-15 ft) | lb | | | *47840 | 42640 | *33750 | 20990 | *24980 | 13320 | | | | | *16270 | 10380 | (24.2) | |
| -6.0 m | kg | | | | | *11240 | 10070 | | | | | | | | | | |
| (-20 ft) | lb | | | | | *24780 | 22200 | | | | | | | | | | |

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

LIFTING CAPACITY

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

HX330 L HIGH WALKER

6.45 m (21' 2") boom, 2.5 m (8' 2") arm equipped with 1.44 m³ (SAE heaped) bucket and 600 mm (24") triple grouser shoe.

| | | | | | At max. reach | | | | | | | | | |
|----------------|--------|---------|----------|---------|---------------|---------|----------|----------|----------|----------|---------|--------|-------|--------|
| Load po | | 3.0 m (| (9.8 ft) | 4.5 m (| 14.7 ft) | 6.0 m (| 19.6 ft) | 7.5 m (2 | 24.5 ft) | 9.0 m (2 | 9.4 ft) | Capa | city | Reach |
| heigh m (ft | m (ft) | | | | | Ū | | Ū | | J | | J | | m (ft) |
| 7.5 m | kg | | | | | | | | | | | *6620 | 5780 | 8.53 |
| (24.5 ft) | lb | | | | | | | | | | | *14590 | 12740 | (28.0) |
| 6.0 m | kg | | | | | | | *7300 | 7120 | | | *6720 | 4830 | 9.31 |
| (19.6 ft) | lb | | | | | | | *16090 | 15700 | | | *14820 | 10650 | (30.5) |
| 4.5 m | kg | | | *12140 | *12140 | *9300 | *9300 | *7960 | 6880 | | | 6410 | 4330 | 9.76 |
| (14.7 ft) | lb | | | *26760 | *26760 | *20500 | *20500 | *17550 | 15170 | | | 14130 | 9550 | (32.0) |
| 3.0 m | kg | | | *15590 | 14610 | *10950 | 9380 | *8820 | 6590 | | | 6130 | 4100 | 9.93 |
| (9.8 ft) | lb | | | *34370 | 32210 | *24140 | 20680 | *19440 | 14530 | | | 13510 | 9040 | (32.6) |
| 1.5 m | kg | | | *17710 | 13840 | *12300 | 8920 | 9460 | 6340 | 7200 | 4840 | 6150 | 4100 | 9.84 |
| (4.9 ft) | lb | | | *39040 | 30510 | *27120 | 19670 | 20860 | 13980 | 15870 | 10670 | 13560 | 9040 | (32.3) |
| Ground | kg | | | *18220 | 13610 | *13030 | 8670 | 9290 | 6180 | | | 6510 | 4340 | 9.48 |
| Line | lb | | | *40170 | 30000 | *28730 | 19110 | 20480 | 13620 | | | 14350 | 9570 | (31.1) |
| -1.5 m | kg | *16440 | *16440 | *17710 | 13640 | *13030 | 8600 | 9240 | 6130 | | | 7340 | 4920 | 8.82 |
| (-4.9 ft) | lb | *36240 | *36240 | *39040 | 30070 | *28730 | 18960 | 20370 | 13510 | | | 16180 | 10850 | (28.9) |
| -3.0 m | kg | *22420 | *22420 | *16220 | 13860 | *12130 | 8720 | | | | | *7780 | 6170 | 7.75 |
| (-9.8 ft) | lb | *49430 | *49430 | *35760 | 30560 | *26740 | 19220 | | | | | *17150 | 13600 | (25.4) |
| -4.5 m | kg | *17900 | *17900 | *13210 | *13210 | | | | | | | | | |
| (-14.7 ft) | lb | *39460 | *39460 | *29120 | *29120 | | | | | | | | | |

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