

ENGINE	STD	OPT
Cummins QSB 6.7 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 (ISO/DIS 10262) Level 2		
FOPS (Falling Object Protective Structure) · ISO 3,449 Level 2		●
FOG (Falling Object Guard)		●
Cabin ROPS (ISO 12117-2)		
ROPS (Roll Over Protective Structure)	●	

SAFETY	STD	OPT
Battery master switch	●	
Rearview camera		●
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		●
Swing Lock System		●
Two outside rearview mirror	●	
OTHER		
Booms		
5.68 m mono, 18' 8"	●	
5.65 m 2-piece, 18' 6"		
Arms		
2.0 m, 6' 7"		●
2.4 m, 7' 10"		●
2.92 m, 9' 7"	●	
Removable clean-out dust net for cooler	●	
Removable reservoir tank	●	
Fuel pre-filter	●	
Fuel warmer (Single)	●	
Fuel warmer (Dual)		●
Self-diagnostics system	●	
Hi-mate (Remote Management System)		●
Batteries (2 x 12V x 100 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		●
One Pedal Straight Travel System		●
Accumulator for lowering work equipment	●	
Pattern change valve (2 patterns)		●
Fine Swing Control System		●
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")		●
Track rail guard	●	

* 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.



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PLEASE CONTACT

www.hyundai-ce.com

2016. 2 Rev.0

MOVING YOU FURTHER

HX235LCR

With Tier4 final / Stage IV Engine installed



*Photo may include optional equipment.

Net Power SAE J1349 / 179 HP (133 kW) at 1,950 rpm	Gross Power SAE J1995 / 190 HP (142 kW) at 1,950 rpm	Travel Speed 5.8 km/hr (3.60 mph) / 3.4 km/hr (2.11 mph)	Operating Weight 25,600 kg / 56,440 lb
--	--	--	--





RULE THE GROUND

The HX Series excavators are products of HHI's spirit of initiative, creativity, and strong drive. HHI'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.



*Photo may include optional equipment.

RULE THE GROUND

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

HX235_{LCR}



WORK MAX, WORTH MAX

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



MORE RELIABLE, MORE SUSTAINABLE

- 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
- Operating Simulation for Joy & Achievement
- Wi-Fi Direct with Smart Phone (Miracast)
- Proportional Auxiliary Hydraulic System
- New Audio System



MODERN COMFORT, SIMPLE AND SAFE SOLUTION

- Easy Access to DEF/AdBlue® Supply System
- Hi-mate (Remote Management System) (Option)
- Viscous Suspension Mount
- Swing Lock System (Option)
- Fine Swing Control (Option)



*Photo may include optional equipment.



UP to 10%

More fuel-efficient
in leveling
(Compared to 9 Series)

90%

Reduction in PM & NOx
(Compared to 9 Series)



*Photo may include optional equipment.

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.



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 Variable Power Control

The HX Series minimizes equipment input and output control signals to improve fuel efficiency. Its three-stage Power mode ensures the highest performance in any operating environment.

- * 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.

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.

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 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.



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.



*Photo may include optional equipment.

Hi-grade (High-pressure) Hoses

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



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.

*Photo may include optional equipment.

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.

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

- 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.



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 hydraulic 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



*Photo may include optional equipment

Swing Lock System (Option)

Swing Lock System is provided to maintain stability when swing movement needs to be limited, improving operating speed and productivity.

Fine Swing Control (Option)

Fine swing control is available for customer's convenience when users want to control fine swing.

SPECIFICATIONS

ENGINE			
Maker / Model		CUMMINS QSB6.7 Engine	
Type		Water cooled, 4 cycle Diesel, 6-cylinders in line, direct injection, turbocharged charger and air cooled	
Rated flywheel horse power	SAE	J1995 (gross)	183HP (136kW)/ 1,950 rpm
		J1349 (net)	173HP (129kW)/ 1,950 rpm
	DIN	6271/1 (gross)	185PS (136kW)/ 1,950 rpm
		6271/1 (net)	175PS (129kW)/ 1,950 rpm
Max. torque		85.7kgf.m (620lbf.ft)/1,500rpm	
Bore X stroke		107mm X 124mm (4.2" X 4.9")	
Piston displacement		6,700cc (409 in³)	
Batteries		2 X 12V X 100AH	
Starting motor		24V, 4.8kW	
Alternator		24V, 95Amp	
HYDRAULIC SYSTEM			
MAIN PUMP			
Type		Variable displacement tandem axis piston pumps	
Max. flow		2 X 228.2 L /min (60.3 US gpm/50.2 UK gpm)	
Sub-pump for pilot circuit		Gear pump	
Cross-sensing and fuel saving pump system			
HYDRAULIC MOTORS			
Travel		Two speed axial pistons motor with brake valve and parking brake	
Swing		Axial piston motor with automatic brake	
RELIEF VALVE SETTING			
Implement circuits		350 kgf/cm² (4,980 psi)	
Travel		350 kgf/cm² (4,980 psi)	
Power boost (boom, arm, bucket)		380 kgf/cm² (5,410 psi)	
Swing circuit		285 kgf/cm² (4,050 psi)	
Pilot circuit		40 kgf/cm² (570 psi)	
Service valve		Installed	
HYDRAULIC CYLINDERS			
No. of cylinder bore X stroke	2-Piece Boom	Boom: 2-125 X 1,260 mm ()	
		Arm: 1-160 X 1,610 mm ()	
		Bucket: 1-120 X 1,055 mm (4.7" X 41.5")	
		Blade: 2-130 X 240 mm ()	
		1st: 2-105 X 995 mm (4.1" X 39.2") 2nd: 1-145 X 613 mm (5.7" X 24.1")	
DRIVES & BRAKES			
Drive method		Fully hydrostatic type	
Drive motor		Axial piston motor, in-shoe design	
Reduction system		Planetary reduction gear	
Max. drawbar pull		20,600kgf (45,415 lbf)	
Max. travel speed (high / low)		5.5 km/hr (3.5mph) / 3.3 km/hr (2.1mph)	
Gradeability		35° (70 %)	
Parking brake		Multi wet disc	

CONTROL	
Pilot pressure operated joysticks and pedals with detachable lever provide almost effortless and fatigueless operation.	
Pilot control	Two joysticks with one safety lever (LH): Swing and arm, (RH): Boom and bucket(ISO)
Traveling and steering	Two levers with pedals
Engine throttle	Electric, Dial type

SWING SYSTEM	
Swing motor	Fixed displacement axial piston motor
Swing reduction	Planetary gear reduction
Swing bearing lubrication	Grease-bathed
Swing brake	Multi wet disc
Swing speed	10.8 rpm

SERVICE REFILL CAPACITIES			
Re-filling	liter	US gal	UK gal
Fuel tank	320	84.5	70.4
Engine coolant	40	10.6	8.8
Engine oil	23.7	6.3	5.2
Swing device	7	1.8	1.5
Final drive (each)	4.5	1.2	1.0
DEF / AdBlue R tank	27	7.1	5.9
Hydraulic system (including tank)	275	72.6	60.5
Hydraulic tank	160	42.3	35.2

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	49 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 5,680mm (18' 8") boom, 2,920mm (9' 7") arm, SAE heaped 0.80m3 (1.05 yd3) bucket, lubricant, coolant, full fuel tank, full hydraulic tank, and all standard equipments.			
OPERATING WEIGHT			
Shoes		Operating weight	Ground pressure
Type	Width mm (in)	kg (lb)	kgf/cm² (psi)
Triple grouser	600 (24")	24,000 (52,910)	0.51 (7.25)
	700 (28")	24,280 (53,530)	0.44 (6.26)
	800 (32")	24,560 (54,140)	0.39 (5.55)
	900 (36")	24,840 (54,760)	0.35 (4.98)

BUCKET SELECTION GUIDE & DIGGING FORCE

BUCKETS

All buckets are welded with high-strength steel.



SAE heaped

m³ (yd³)

0.51 (0.67)

0.80 (1.05)

0.87 (1.14)

0.92 (1.20)



CECE heaped

m³ (yd³)

0.51 (0.67)

0.80 (1.05)

0.87 (1.14)

0.92 (1.20)



Without side cutters

m³ (yd³)

1.10 (1.44)

1.20 (1.57)



With side cutters

m³ (yd³)

1.34 (1.75)



Heavy duty bucket

m³ (yd³)

◆ 0.74 (0.97)

◆ 0.90 (1.18)

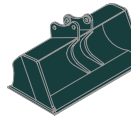
◆ 1.05 (1.37)



Rock-Heavy duty bucket

m³ (yd³)

● 0.87 (1.14)



Slope finishing bucket

m³ (yd³)

■ 0.75 (0.98)

Capacity m³ (yd³)		Width mm (in)		Weight kg (lb)	Recommendation mm (ft.in)					
					5,680 (18' 8") Mono Boom			5,650 (18'6") 2-Piece Boom		
SAE heaped	CECE heaped	Without side cutters	With side cutters		2,000 (6' 7") Arm	2,400 (7' 10") Arm	2,920 (9' 7") Arm	2,000 (6' 7") Arm	2,400 (7' 10") Arm	2,920 (9' 7") Arm
0.51 (0.67)	0.45 (0.59)	700 (27.6)	820 (32.3)	570 (1,260)	●	●	●	●	●	●
0.80 (1.05)	0.70 (0.92)	1,000 (39.4)	1,120 (44.1)	700 (1,540)	●	●	●	●	●	■
0.87 (1.14)	0.75 (0.98)	1,090 (42.9)	1,210 (47.6)	740 (1,630)	●	●	■	●	●	■
0.92 (1.20)	0.80 (1.05)	1,150 (45.3)	1,270 (50.0)	770 (1,700)	●	●	■	●	●	▲
1.10 (1.44)	0.96 (1.26)	1,320 (52.0)	1,440 (56.7)	830 (1,830)	●	■	▲	■	■	▲
1.20 (1.57)	1.00 (1.31)	1,400 (55.1)	1,520 (59.8)	850 (1,870)	■	▲	-	■	▲	-
1.34 (1.75)	1.15 (1.50)	1,550 (61.0)	1,670 (65.7)	920 (2,030)	▲	▲	-	▲	-	-
◆ 0.74 (0.97)	0.65 (0.85)	985 (38.8)	-	770 (1,700)	●	●	●	●	●	■
◆ 0.90 (1.18)	0.80 (1.05)	1,095 (43.1)	-	810 (1,790)	●	●	■	●	●	▲
◆ 1.05 (1.37)	0.92 (1.20)	1,290 (50.8)	-	890 (1,960)	●	■	▲	■	■	▲
● 0.87 (1.14)	0.75 (0.98)	1,140 (44.9)	-	900 (1,980)	●	●	■	●	●	▲
■ 0.75 (0.98)	0.65 (0.85)	1,790 (70.5)	-	880 (1,940)	●	●	■	●	●	▲

◆ Heavy duty bucket

● Rock-Heavy duty bucket

■ Slope finishing bucket

● : Applicable for materials with density of 2,000 kgf/m³ (3,370 lbf/yd³) or less

■ : Applicable for materials with density of 1,600 kgf/m³ (2,700 lbf/yd³) or less

▲ : Applicable for materials with density of 1,100 kgf/m³ (1,850 lbf/yd³) or less

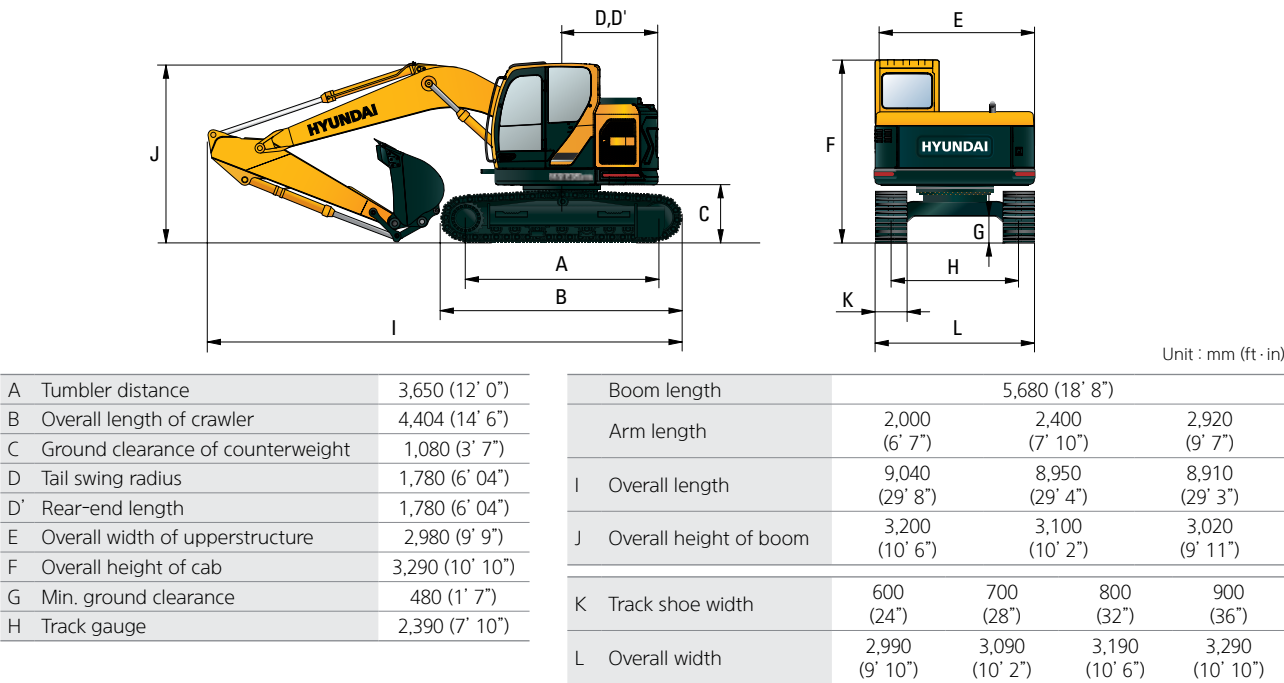
ATTACHMENT						
Booms and arms are welded with a low-stress, full-box section design.						
5.68m (18'8") Mono, 5.65m (18'6") 2 Piece Booms and 2.0m (6'7"), 2.4m (7'10"), 2.92m (9'7") Arms are available.						
DIGGING FORCE						
Arm	Length	mm (ft.in)	2,000 (6' 7")	2,400 (7' 10")	2,920 (9' 7")	Remark
	Weight	kg (lb)	975 (2,150)	1,045 (2,300)	1,095 (2,410)	
Bucket digging force	SAE	kN	133.4 [144.8]	133.4 [144.8]	133.4 [144.8]	[]: Power Boost
		kgf	13600 [14770]	13600 [14770]	13600 [14770]	
		lbf	29980 [32550]	29980 [32550]	29980 [32550]	
	ISO	kN	152.0 [165.0]	152.0 [165.0]	152.0 [165.0]	
		kgf	15500 [16830]	15500 [16830]	15500 [16830]	
		lbf	34170 [37100]	34170 [37100]	34170 [37100]	
Arm crowd force	SAE	kN	144.2 [156.5]	119.6 [129.9]	102.0 [110.7]	
		kgf	14700 [15960]	12200 [13250]	10400 [11290]	
		lbf	32410 [35190]	26900 [29210]	22930 [24900]	
	ISO	kN	151.0 [164.0]	125.5 [136.3]	106.9 [116.1]	
		kgf	15400 [16720]	12800 [13900]	10900 [11830]	
		lbf	33950 [36860]	28220 [30640]	24030 [26090]	

Note: Arm weight includes bucket cylinder, linkage, and pin

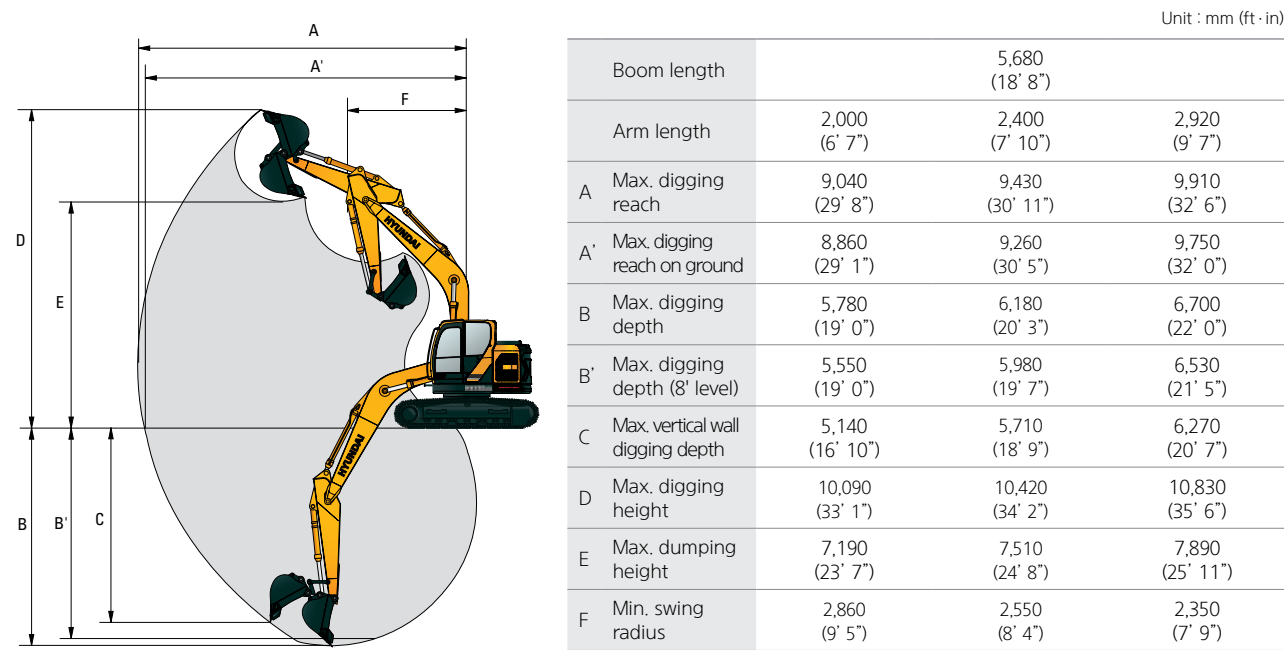
DIMENSIONS & WORKING RANGE

HX235LCR MONO BOOM DIMENSIONS

5.68 m (18' 8") BOOM and 2.0 m (6' 7"), 2.4 m (7' 10"), 2.92 m (9' 7") ARM

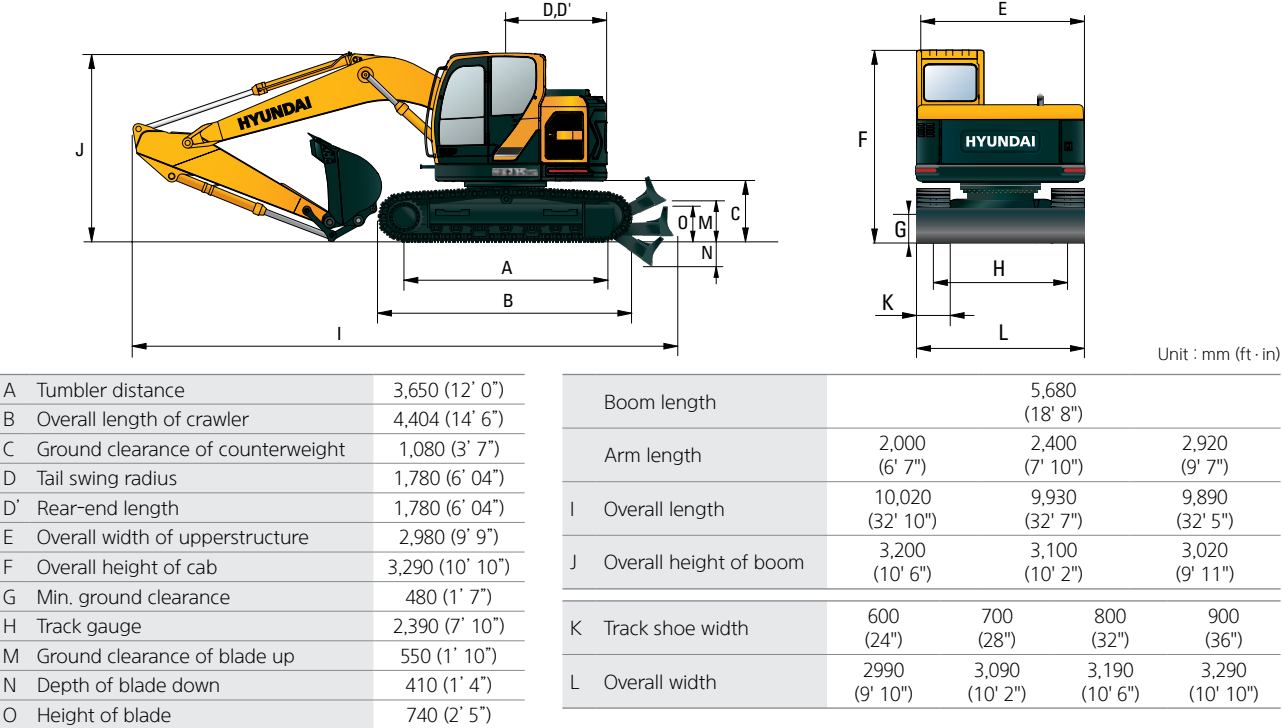


HX235LCR MONO BOOM WORKING RANGE

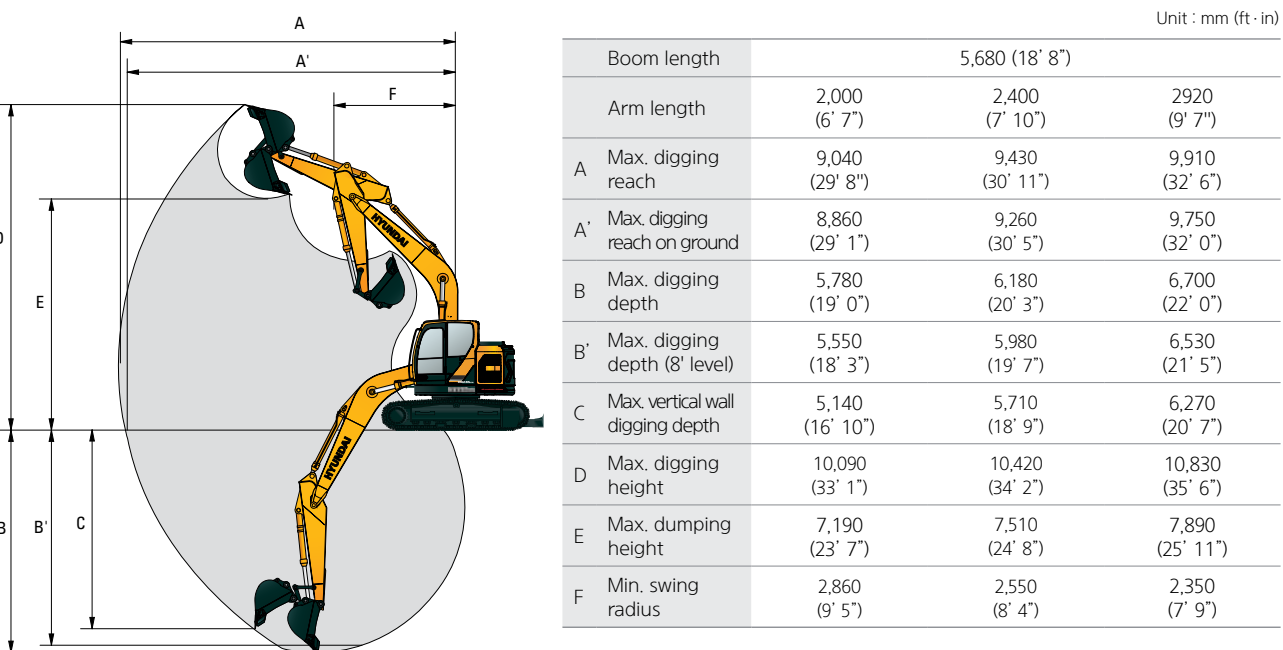


HX235LCR MONO BOOM (DOZER TYPE) DIMENSIONS

5.68 m (18' 8") BOOM and 2.0 m (6' 7"), 2.4 m (7' 10"), 2.92 m (9' 7") ARM



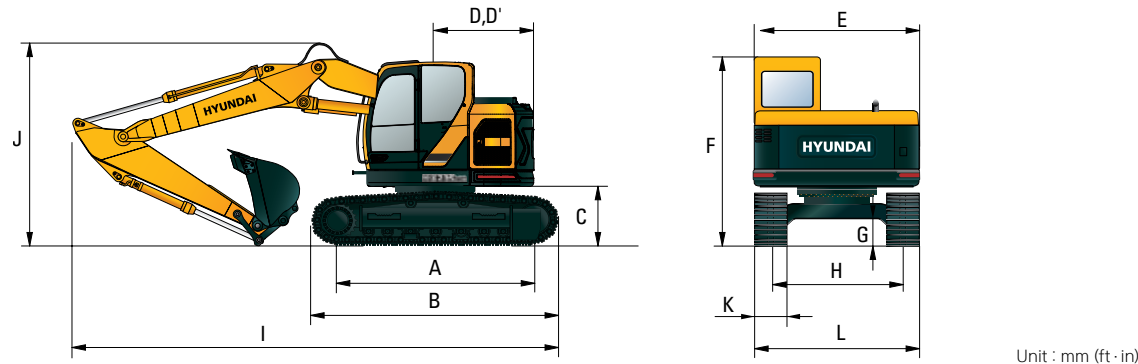
HX235LCR MONO BOOM (DOZER TYPE) WORKING RANGE



DIMENSIONS & WORKING RANGE

HX235LCR 2-PIECE BOOM DIMENSIONS

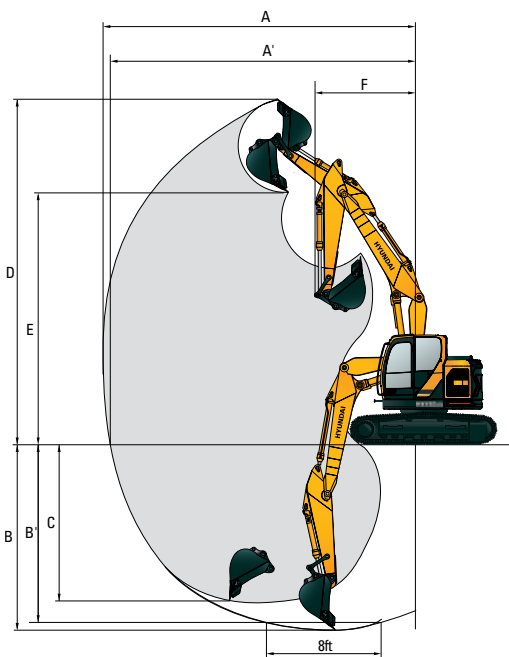
5.65 m (18' 6") 2-Piece Boom and 2.0 m (6' 7"), 2.4 m (7' 10"), 2.92 m (9' 7") Arm



A	Tumbler distance	3,650 (12' 0")
B	Overall length of crawler	4,404 (14' 6")
C	Ground clearance of counterweight	1,080 (3' 7")
D	Tail swing radius	1,780 (6' 04")
D'	Rear-end length	1,780 (6' 04")
E	Overall width of upperstructure	2,980 (9' 9")
F	Overall height of cab	3,290 (10' 10")
G	Min. ground clearance	480 (1' 7")
H	Track gauge	2,390 (7' 10")

Boom length		5,650 (18' 6") 2-Piece			
Arm length		2,000 (6' 7")	2,400 (7' 10")	2,920 (9' 7")	
I	Overall length	9,000 (29' 6")	8,910 (29' 3")	8,900 (29' 2")	
J	Overall height of boom	3,050 (10' 0")	3,000 (9' 10")	2,990 (9' 10")	
L	Track shoe width	600 (24")	700 (28")	800 (32")	900 (36")
M	Overall width	2,990 (9' 10")	3,090 (10' 2")	3,190 (10' 6")	3,290 (10' 10")

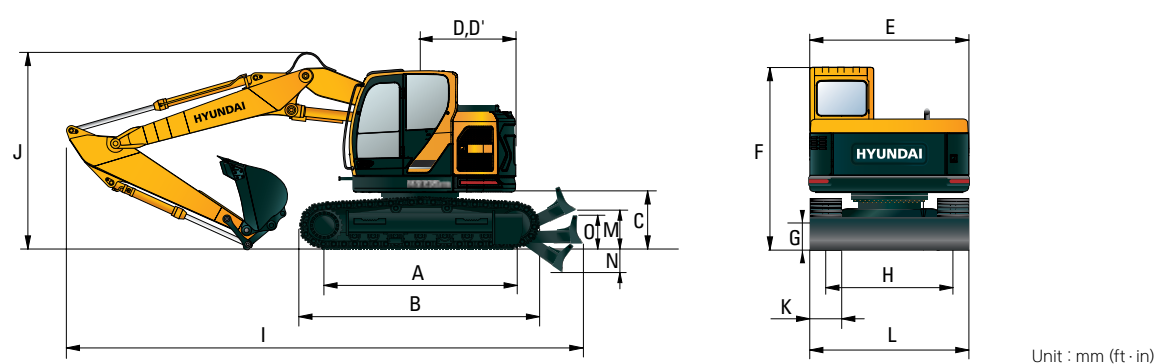
HX235LCR 2-PIECE BOOM WORKING RANGE



Boom length	5,650 (18' 6") 2-Piece			
Arm length	2,000 (6' 7")	2,400 (7' 10")	2,920 (9' 7")	
A	Max. digging reach	9,050 (29' 8")	9,460 (31' 0")	10,020 (32' 10")
A'	Max. digging reach on ground	8,880 (29' 2")	9,290 (30' 6")	9,860 (32' 4")
B	Max. digging depth	5,460 (17' 11")	5,860 (19' 3")	6,380 (20' 11")
B'	Max. digging depth (8' level)	5,340 (17' 6")	5,750 (18' 10")	6,270 (20' 7")
C	Max. vertical wall digging depth	4,530 (14' 10")	4,970 (16' 4")	5,520 (18' 1")
D	Max. digging height	10,600 (34' 9")	10,990 (36' 1")	11,470 (37' 8")
E	Max. dumping height	7,680 (25' 2")	8,090 (26' 7")	8,540 (28' 0")
F	Min. swing radius	2,130 (7' 0")	2,030 (6' 8")	2,000 (6' 7")

HX235LCR 2-PIECE BOOM (DOZER TYPE) DIMENSIONS

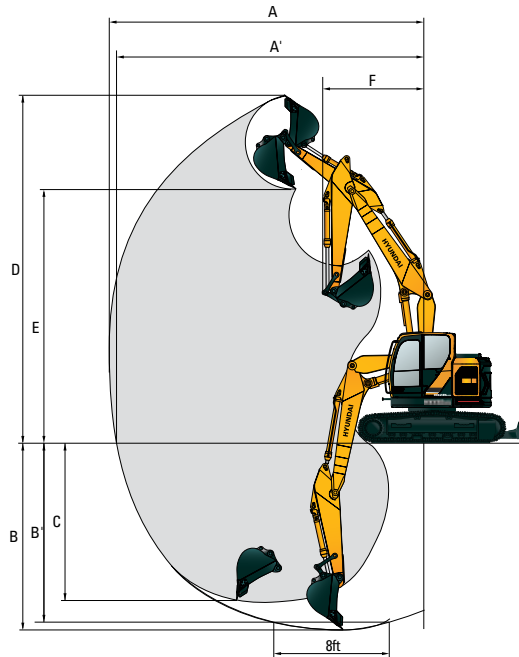
5.65 m (18' 6") 2-Piece Boom and 2.0 m (6' 7"), 2.4 m (7' 10"), 2.92 m (9' 7") Arm



A	Tumbler distance	3,650 (12' 0")
B	Overall length of crawler	4,404 (14' 6")
C	Ground clearance of counterweight	1,080 (3' 7")
D	Tail swing radius	1,780 (6' 04")
D'	Rear-end length	1,780 (6' 04")
E	Overall width of upperstructure	2,980 (9' 9")
F	Overall height of cab	3,290 (10' 10")
G	Min. ground clearance	480 (1' 7")
H	Track gauge	2,390 (7' 10")
M	Ground clearance of blade up	550 (1' 10")
N	Depth of blade down	410 (1' 4")
O	Height of blade	740 (2' 5")

Boom length		5,650 (18' 6") 2-Piece			
Arm length		2,000 (6' 7")	2,400 (7' 10")	2,920 (9' 7")	
I	Overall length	9,850 (32' 4")	9,760 (32' 0")	9,750 (32' 0")	
J	Overall height of boom	3,050 (10' 0")	3,000 (9' 10")	2,990 (9' 10")	
K	Track shoe width	600 (24")	700 (28")	800 (32")	900 (36")
L	Overall width	2990 (9' 10")	3,090 (10' 2")	3,190 (10' 6")	3,290 (10' 10")

HX235LCR 2-PIECE BOOM (DOZER TYPE) WORKING RANGE



Boom length	5,650 (18' 6") 2-Piece			
Arm length	2,000 (6' 7")	2,400 (7' 10")	2,920 (9' 7")	
A	Max. digging reach	9,050 (29' 8")	9,460 (31' 0")	10,020 (32' 10")
A'	Max. digging reach on ground	8,880 (29' 2")	9,290 (30' 6")	9,860 (32' 4")
B	Max. digging depth	5,460 (17' 11")	5,860 (19' 3")	6,380 (20' 11")
B'	Max. digging depth (8' level)	5,340 (17' 6")	5,750 (18' 10")	6,270 (20' 7")
C	Max. vertical wall digging depth	4,530 (14' 10")	4,970 (16' 4")	5,520 (18' 1")
D	Max. digging height	10,600 (34' 9")	10,990 (36' 1")	11,470 (37' 8")
E	Max. dumping height	7,680 (25' 2")	8,090 (26' 7")	8,540 (28' 0")
F	Min. swing radius	2,130 (7' 0")	2,030 (6' 8")	2,000 (6' 7")

LIFTING CAPACITY

 Rating over-front
  Rating over-side or 360 degree

HX235LCR MONO BOOM

Boom: 5.68 m (18' 8") / Arm: 2.0 m (6' 7") / Bucket: 0.80 m³ (1.05yd³) SAE heaped / Shoe: 600mm(24") triple grouser

Load point height m (ft)		Load radius								At max. reach		
		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		Capacity		Reach
												m (ft)
10.5 m (35 ft)	kg									*4160	*4160	4.63
	lb									*9170	*9170	(15.2)
9.0 m (30 ft)	kg									*4580	*4580	4.48
	lb									*10100	*10100	(14.7)
7.5 m (25 ft)	kg			*4770	*4770					*4100	*4100	6.56
	lb			*10520	*10520					*9040	*9040	(21.5)
6.0 m (20 ft)	kg			*4930	*4930	*4540	*4540			*3990	3300	7.70
	lb			*10870	*10870	*10010	*10010			*8800	7280	(25.3)
4.5 m (15 ft)	kg	*8300	*8300	*5880	*5880	*4860	*4860			*3990	2770	8.36
	lb	*18300	*18300	*12960	*12960	*10710	*10710			*8800	6110	(27.4)
3.0 m (10 ft)	kg			*7250	*7250	*5440	4660	*4570	3220	*4030	2530	8.67
	lb			*15980	*15980	*11990	10270	*10080	7100	*8880	5580	(28.4)
1.5 m (5 ft)	kg			*8350	6770	*5980	4410	*4770	3110	*4080	2480	8.66
	lb			*18410	14930	*13180	9720	*10520	6860	*8990	5470	(28.4)
Ground Line	kg			*8660	6530	*6250	4250			*4100	2610	8.36
	lb			*19090	14400	*13780	9370			*9040	5750	(27.4)
-1.5 m (-5 ft)	kg	*11410	*11410	*8260	6500	*6050	4200			*4010	3000	7.69
	lb	*25150	*25150	*18210	14330	*13340	9260			*8840	6610	(25.2)
-3.0 m (-10 ft)	kg	*9650	*9650	*7130	6610	*5090	4290			*3610	*3610	6.55
	lb	*21270	*21270	*15720	14570	*11220	9460			*7960	*7960	(21.5)

Boom: 5.68 m (18' 8") / Arm: 2.40 m (7' 10") / Bucket: 0.80 m³ (1.05 yd³) SAE heaped / Shoe: 600mm(24") triple grouser

Load point height m (ft)		Load radius										At max. reach		
		1.5 m (5 ft)		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		Capacity		Reach
														m (ft)
9.0 m (30 ft)	kg lb											*4060 *8950	*4060 *8950	5.25 (17.2)
7.5 m (25 ft)	kg lb					*4230 *9330	*4230 *9330					*3770 *8310	*3770 *8310	7.07 (23.2)
6.0 m (20 ft)	kg lb					*4450 *9810	*4450 *9810	*4170 *9190	*4170 *9190			*3700 *8160	3210 7080	8.12 (26.6)
4.5 m (15 ft)	kg lb			*7210 *15900	*7210 *15900	*5400 *11900	*5400 *11900	*4550 *10030	*4550 *10030	*3900 *8600	3560 7850	*3720 *8200	2730 6020	8.74 (28.7)
3.0 m (10 ft)	kg lb			*11320 *24960	*11320 *24960	*6790 *14970	*6790 *14970	*5170 *11400	5020 11070	*4360 *9610	3450 7610	*3770 *8310	2510 5530	9.04 (29.7)
1.5 m (5 ft)	kg lb					*8040 *17730	7340 16180	*5790 *12760	4740 10450	*4630 *10210	3320 7320	*3830 *8440	2460 5420	9.03 (29.6)
Ground Line	kg lb			*9170 *20220	*9170 *20220	*8580 *18920	7030 15500	*6150 *13560	4540 10010	*4760 *10490	3230 7120	*3870 *8530	2570 5670	8.74 (28.7)
-1.5 m (-5 ft)	kg lb	*9770 *21450	*9770 *21540	*12150 *26790	*12150 *26790	*8390 *18500	6940 15300	*6100 *13450	4460 9830			*3840 *8470	2920 6440	8.12 (26.6)
-3.0 m (-10 ft)	kg lb	*14230 *31370	*14230 *31370	*10480 *23100	*10480 *23100	*7490 *16510	7020 15480	*5420 *11950	4510 9940			*3600 *7940	*3600 *7940	7.06 (23.2)
-4.5 m (-15 ft)	kg lb			*7610 *16780	*7610 *16780	*5470 *12060	*5470 *12060							

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 (standard equipment) located on the back of the bucket.

4. (*) indicates load limited by hydraulic capacity.

 Rating over-front
  Rating over-side or 360 degree

HX235LCR MONO BOOM

Boom: 5.68 m (18' 8") / Arm: 2.40 m (7' 10") / Bucket: 0.80 m³ (1.05 yd³) SAE heaped / Shoe: 600mm(24") triple grouser

Load point height m (ft)		Load radius										At max. reach						
		1.5 m (5 ft)		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		Capacity		Reach				
														m (ft)				
9.0 m (30 ft)	kg																	
7.5 m (25 ft)	kg																	
	lb																	
6.0 m (20 ft)	kg																	
	lb																	
4.5 m (15 ft)	kg																	
	lb																	
3.0 m (10 ft)	kg																	
	lb																	
1.5 m (5 ft)	kg																	
	lb																	
Ground Line	kg																	
	lb																	
-1.5 m (-5 ft)	kg																	
	lb																	
-3.0 m (-10 ft)	kg																	
	lb																	
-4.5 m (-15 ft)	kg																	
	lb																	

Boom: 5.68 m (18' 8") / Arm: 2.92 m (9' 7") / Bucket: 0.80 m³ (1.05 yd³) SAE heaped / Shoe: 600mm(24") triple grouser

Load point height m (ft)		Load radius										At max. reach		
		1.5 m (5 ft)		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		Capacity		Reach
														m (ft)
9.0 m (30 ft)	kg lb					*2920 *6440	*2920 *6440					*3570 *7870	*3570 *7870	6.12 (20.1)
7.5 m (25 ft)	kg lb							*3260 *7190	*3260 *7190			*3410 *7520	*3410 *7520	7.70 (25.3)
6.0 m (20 ft)	kg lb							*3720 *8200	*3720 *8200			*3380 *7450	2870 6330	8.66 (28.4)
4.5 m (15 ft)	kg lb					*4750 *10470	*4750 *10470	*4140 *9130	*4140 *9130	*3800 *8380	3620 7980	*3410 *7520	2470 5450	9.24 (30.3)
3.0 m (10 ft)	kg lb			*9680 *21340	*9680 *21340	*6180 *13620	*6180 *13620	*4810 *10600	*4810 *10600	*4100 *9040	3480 7670	*3460 *7630	2280 5030	9.52 (31.2)
1.5 m (5 ft)	kg lb			*9550 *21050	*9550 *21050	*7590 *16730	7450 16420	*5500 *12130	4770 10520	*4440 *9790	3330 7340	*3530 *7780	2230 4920	9.52 (31.2)
Ground Line	kg lb			*9930 *21890	*9930 *21890	*8400 *18520	7040 15520	*5990 *13210	4530 9990	*4670 *10300	3200 7050	*3600 *7940	2310 5090	9.24 (30.3)
-1.5 m (-5 ft)	kg lb	*8850 *19510	*8850 *19510	*12790 *28200	11890 26210	*8470 *18670	6880 15170	*6100 *13450	4410 9720	*4630 *10210	3140 6920	*3620 *7980	2580 5690	8.66 (28.4)
-3.0 m (-10 ft)	kg lb	*12280 *27070	*12280 *27070	*11380 *25090	*11380 *25090	*7840 *17280	6900 15210	*5690 *12540	4410 9720			*3500 *7720	3180 7010	7.69 (25.2)
-4.5 m (-15 ft)	kg lb			*8920 *19670	*8920 *19670	*6300 *13890	*6300 *13890					*2930 *6460	*2930 *6460	6.11 (20.0)

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 (standard equipment) 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

HX235LCR MONO BOOM

Boom: 5.68 m (18' 8") / Arm: 2.92 m (9' 7") / Bucket: 0.80 m³ (1.05 yd³) SAE heaped / Shoe: 600mm(24") triple grouser

Load point height m (ft)		Load radius										At max. reach		
		1.5 m (5 ft)		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		Capacity		Reach
														m (ft)
9.0 m (30 ft)	kg lb					*2920 *6440	*2920 *6440					*3570 *7870	*3570 *7870	6.12 (20.1)
7.5 m (25 ft)	kg lb							*3260 *7190	*3260 *7190			*3410 *7520	*3410 *7520	7.70 (25.3)
6.0 m (20 ft)	kg lb							*3720 *8200	*3720 *8200			*3380 *7450	2680 5910	8.66 (28.4)
4.5 m (15 ft)	kg lb					*4750 *10470	*4750 *10470	*4140 *9130	*4140 *9130	*3800 *8380	3390 7470	*3410 *7520	2300 5070	9.24 (30.3)
3.0 m (10 ft)	kg lb			*9680 *21340	*9680 *21340	*6180 *13620	*6180 *13620	*4810 *10600	4750 10470	*4100 *9040	3250 7170	*3460 *7630	2120 4670	9.52 (31.2)
1.5 m (5 ft)	kg lb			*9550 *21050	*9550 *21050	*7590 *16730	6930 15280	*5500 *12130	4450 9810	*4440 *9790	3100 6830	*3530 *7780	2070 4560	9.52 (31.2)
Ground Line	kg lb			*9930 *21890	*9930 *21890	*8400 *18520	6530 14400	*5990 *13210	4220 9300	*4670 *10300	2980 6570	*3600 *7940	2150 4740	9.24 (30.3)
-1.5 m (-5 ft)	kg lb	*8850 *19510	*8850 *19510	*12790 *28200	12690 27980	*8470 *18670	6370 14040	*6100 *13450	4100 9040	*4630 *10210	2910 6420	*3620 *7980	2400 5290	8.66 (28.4)
-3.0 m (-10 ft)	kg lb	*12280 *27070	*12280 *27070	*11380 *25090	*11380 *25090	*7840 *17280	6390 14090	*5690 *12540	4100 9040			*3500 *7720	2960 6530	7.69 (25.2)
-4.5 m (-15 ft)	kg lb			*8920 *19670	*8920 *19670	*6300 *13890	*6300 *13890					*2930 *6460	*2930 *6460	6.11 (20.0)

HX235LCR 2-PIECE BOOM

Boom: 5.65 m (18' 6") / Arm: 2.00 m (6' 7") / Bucket: 0.80 m³ (1.05yd³) SAE heaped / Shoe: 600mm(24") triple grouser

Load point height m (ft)		Load radius								At max. reach		
		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		Capacity		Reach
												m (ft)
9.0 m (30 ft)	kg lb									*6750 *14880	*6750 *14880	4.51 (14.8)
7.5 m (25 ft)	kg lb	*8110 *17880	*8110 *17880	*6850 *15100	*6850 *15100					*5200 *11460	4700 10360	6.58 (21.6)
6.0 m (20 ft)	kg lb	*8460 *18650	*8460 *18650	*6960 *15340	*6960 *15340	*5740 *12650	5390 11880			*4630 *10210	3470 7650	7.72 (25.3)
4.5 m (15 ft)	kg lb	*11210 *24710	*11210 *24710	*7620 *16800	*7620 *16800	*5920 *13050	5230 11530			*4270 *9410	2920 6440	8.37 (27.5)
3.0 m (10 ft)	kg lb			*8430 *18580	7790 17170	*6190 *13650	4950 10910	*4850 *10690	3410 7520	*3960 *8730	2670 5890	8.68 (28.5)
1.5 m (5 ft)	kg lb			*8660 *19090	7230 15940	*6260 *13800	4690 10340	*4710 *10380	3300 7280	*3610 7960	2620 5780	8.68 (28.5)
Ground Line	kg lb			*7950 *17530	6980 15390	*5880 *12960	4520 9960	*4200 *9260	3230 7120	*3130 *6900	2770 6110	8.37 (27.5)
-1.5 m (-5 ft)	kg lb	*7060 *15560	*7060 *15560	*6470 *14260	*6470 *14260	*4870 *10740	4480 9880			*2330 *5140	*2330 *5140	7.71 (25.3)
-3.0 m (-10 ft)	kg lb			*4140 *9130	*4140 *9130	*2800 *6170	*2800 *6170					

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 (standard equipment) located on the back of the bucket.

4. (*) indicates load limited by hydraulic capacity.

 Rating over-front  Rating over-side or 360 degree

HX235LCR 2-PIECE BOOM

Boom: 5.65 m (18' 6") / Arm: 2.00 m (6' 7") / Bucket: 0.80 m³ (1.05yd³) SAE heaped / Shoe: 600mm(24") triple grouser

Load point height m (ft)		Load radius										At max. reach	
		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		Capacity		Capacity	Reach
													m (ft)
9.0 m (30 ft)	kg lb									*6750 *14880	*6750 *14880		4.51 (14.8)
7.5 m (25 ft)	kg lb	*8110 *17880	*8110 *17880	*6850 *15100	*6850 *15100					*5200 *11460	4420 9740		6.58 (21.6)
6.0 m (20 ft)	kg lb	*8460 *18650	*8460 *18650	*6960 *15340	*6960 *15340	*5740 *12650	5060 11160			*4630 *10210	3250 7170		7.72 (25.3)
4.5 m (15 ft)	kg lb	*11210 *24710	*11210 *24710	*7620 *16800	*7620 *16800	*5920 *13050	4900 10800			*4270 *9410	2720 6000		8.37 (27.5)
3.0 m (10 ft)	kg lb			*8430 *18580	7250 15980	*6190 *13650	4630 10210	*4850 *10690	3180 7010	*3960 *8730	2480 5470		8.68 (28.5)
1.5 m (5 ft)	kg lb			*8660 *19090	6710 14790	*6260 *13800	4370 9630	*4710 *10380	3070 6770	*3610 7960	2440 5380		8.68 (28.5)
Ground Line	kg lb			*7950 *17530	6460 14240	*5880 *12960	4200 9260	*4200 *9260	3000 6610	*3130 *6900	2580 5690		8.37 (27.5)
-1.5 m (-5 ft)	kg lb	*7060 *15560	*7060 *15560	*6470 *14260	6450 14220	*4870 *10740	4160 9170			*2330 *5140	*2330 *5140		7.71 (25.3)
-3.0 m (-10 ft)	kg lb			*4140 *9130	*4140 *9130	*2800 *6170	*2800 *6170						

Boom: 5.65 m (18' 6") / Arm: 2.40 m (7' 10") / Bucket: 0.80 m³ (1.05 yd³) SAE heaped / Shoe: 600mm(24") triple grouser

Load point height m (ft)		Load radius								At max. reach		
		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		Capacity		Reach
												m (ft)
9.0 m (30 ft)	kg lb	*5600 *12350	*5600 *12350							*5830 *12850	*5830 *12850	5.31 (17.4)
7.5 m (25 ft)	kg lb	*6240 *13760	*6240 *13760	*5830 *12850	*5830 *12850					*4760 *10490	4140 9130	7.10 (23.3)
6.0 m (20 ft)	kg lb	*6390 *14090	*6390 *14090	*6570 *14480	*6570 *14480	*5480 *12080	5480 12080			*4290 *9460	3150 6940	8.15 (26.7)
4.5 m (15 ft)	kg lb	*10370 *22860	*10370 *22860	*7270 *16030	*7270 *16030	*5720 *12610	5290 11660	*4040 *8910	3540 7800	*3980 *8770	2690 5930	8.77 (28.8)
3.0 m (10 ft)	kg lb			*8170 *18010	7920 17460	*6050 *13340	5000 11020	*4790 *10560	3430 7560	*3720 *8200	2470 5450	9.06 (29.7)
1.5 m (5 ft)	kg lb			*8620 *19000	7300 16090	*6220 *13710	4700 10360	*4740 *10450	3290 7250	*3420 *7540	2420 5340	9.06 (29.7)
Ground Line	kg lb	*8940 *19710	*8940 *19710	*8190 *18060	6970 15370	*5980 *13180	4500 9920	*4400 *9700	3190 7030	*3010 *6640	2540 5600	8.77 (28.8)
-1.5 m (-5 ft)	kg lb	*8500 *18740	*8500 *18740	*6940 *15300	6890 15190	*5160 *11380	4430 9770			*2360 *5200	*2360 *5200	8.15 (26.7)
-3.0 m (-10 ft)	kg lb			*4860 *10710	*4860 *10710	*3490 *7690	*3490 *7690					

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 (standard equipment) 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

HX235LCR 2-PIECE BOOM

Boom: 5.65 m (18' 6") / Arm: 2.40 m (7' 10") / Bucket: 0.80 m³ (1.05 yd³) SAE heaped / Shoe: 600mm(24") triple grouser

Load point height m (ft)		Load radius								At max. reach	
		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		Capacity	
											
9.0 m (30 ft)	kg	*5600	*5600							*5830	*5830
	lb	*12350	*12350							*12850	*12850
7.5 m (25 ft)	kg	*6240	*6240	*5830	*5830					*4760	3880
	lb	*13760	*13760	*12850	*12850					*10490	8550
6.0 m (20 ft)	kg	*6390	*6390	*6570	*6570	*5480	5140			*4290	2950
	lb	*14090	*14090	*14480	*14480	*12080	11330			*9460	6500
4.5 m (15 ft)	kg	*10370	*10370	*7270	*7270	*5720	4960	*4040	3310	*3980	2500
	lb	*22860	*22860	*16030	*16030	*12610	10930	*8910	7300	*8770	5510
3.0 m (10 ft)	kg			*8170	7380	*6050	4670	*4790	3200	*3720	2290
	lb			*18010	16270	*13340	10300	*10560	7050	*8200	5050
1.5 m (5 ft)	kg			*8620	6770	*6220	4380	*4740	3060	*3420	2240
	lb			*19000	14930	*13710	9660	*10450	6750	*7540	4940
Ground Line	kg	*8940	*8940	*8190	6450	*5980	4180	*4400	2960	*3010	2350
	lb	*19710	*19710	*18060	14220	*13180	9220	*9700	6530	*6640	5180
-1.5 m (-5 ft)	kg	*8500	*8500	*6940	6370	*5160	4110			*2360	*2360
	lb	*18740	*18740	*15300	14040	*11380	9060			*5200	*5200
-3.0 m (-10 ft)	kg			*4860	*4860	*3490	*3490				
	lb			*10710	*10710	*7690	*7690				

Boom: 5.65 m (18' 6") / Arm: 2.92 m (9' 7") / Bucket: 0.80 m³ (1.05 yd³) SAE heaped / Shoe: 600mm(24") triple grouser

Load point height m (ft)		Load radius								At max. reach	
		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		Capacity	
											
9.0 m (30 ft)	kg	*4950	*4950	*3120	*3120					*4630	*4630
	lb	*10910	*10910	*6880	*6880					*10210	*10210
7.5 m (25 ft)	kg			*4750	*4750	*3400	*3400			*4050	3560
	lb			*10470	*10470	*7500	*7500			*8930	7850
6.0 m (20 ft)	kg	*4760	*4760	*5190	*5190	*4840	*4840	*2180	*2180	*3820	2800
	lb	*10490	*10490	*11440	*11440	*10670	*10670	*4810	*4810	*8420	6170
4.5 m (15 ft)	kg	*6690	*6690	*6760	*6760	*5420	5370	*4250	3600	*3650	2410
	lb	*14750	*14750	*14900	*14900	*11950	11840	*9370	7640	*8050	5310
3.0 m (10 ft)	kg	*12100	*12100	*7760	*7760	*5820	5060	*4670	3450	*3430	2220
	lb	*26680	*26680	*17110	*17110	*12830	11160	*10300	7610	*7560	4890
1.5 m (5 ft)	kg	*9380	*9380	*8470	7400	*6110	4730	*4710	3290	*3180	2180
	lb	*20680	*20680	*18670	16310	*13470	10430	*10380	7250	*7010	4810
Ground Line	kg	*9730	*9730	*8370	6970	*6040	4480	*4520	3160	*2850	2270
	lb	*21450	*21450	*18450	15370	*13320	9880	*9960	6970	*6280	5000
-1.5 m (-5 ft)	kg	*9980	*9980	*7420	6810	*5440	4360	*3890	3100	*2330	*2330
	lb	*22000	*22000	*16360	15010	*11990	9610	*8580	6830	*5140	*5140
-3.0 m (-10 ft)	kg	*7060	*7060	*5650	*5650	*4130	*4130				
	lb	*15560	*15560	*12460	*12460	*9110	*9110				

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 (standard equipment) located on the back of the bucket.

4. (*) indicates load limited by hydraulic capacity.

 Rating over-front

 Rating over-side or 360 degree

HX235LCR 2-PIECE BOOM

Boom: 5.65 m (18' 6") / Arm: 2.92 m (9' 7") / Bucket: 0.80 m³ (1.05 yd³) SAE heaped / Shoe: 600mm(24") triple grouser

Load point height m (ft)		Load radius								At max. reach	
		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		Capacity	
											
9.0 m (30 ft)	kg	*4950	*4950	*3120	*3120					*4630	*4630
	lb	*10910	*10910	*6880	*6880					*10210	*10210
7.5 m (25 ft)	kg			*4750	*4750	*3400	*3400			*4050	3340
	lb			*10470	*10470	*7500	*7500			*8930	7360
6.0 m (20 ft)	kg	*4760	*4760	*5190	*5190	*4840	*4840	*2180	*2180	*3820	2610
	lb	*10490	*10490	*11440	*11440	*10670	*10670	*4810	*4810	*8420	5750
4.5 m (15 ft)	kg	*6690	*6690	*6760	*6760	*5420	5040	*4250	3360	*3650	2240
	lb	*14750	*14750	*14900	*14900	*11950	11110	*9370	7410	*8050	4940
3.0 m (10 ft)	kg	*12100	*12100	*7760	7560	*5820	4730	*4670	3220	*3430	2060
	lb	*26680	*26680	*17110	16670	*12830	10430	*10300	7100	*7560	4540
1.5 m (5 ft)	kg	*9380	*9380	*8470	6870	*6110	4400	*4710	3060	*3180	2010
	lb	*20680	*20680	*18670	15150	*13470	9700	*10380	6750	*7010	4430
Ground Line	kg	*9730	*9730	*8370	6450	*6040	4160	*4520	2930	*2850	2100
	lb	*21450	*21450	*18450	14220	*13320	9170	*9960	6460	*6280	4630
-1.5 m (-5 ft)	kg	*9980	*9980	*7420	6290	*5440	4040	*3890	2870	*2330	*2330
	lb	*22000	*22000	*16360	13870	*11990	8910	*8580	6330	*5140	*5140
-3.0 m (-10 ft)	kg	*7060	*7060	*5650	*5650	*4130	4050				
	lb	*15560	*15560	*12460	*12460	*9110	8930				

1. Lifting capacity are based on SAE J1097 and ISO 10567.

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