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		
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	●	

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		●
Swing Lock System		●
Three outside rearview mirror	●	
OTHER		
Booms		
4.6 m, 15' 1"	●	
4.1 m, 13' 5"		●
4.9 m, 16' 1" 2-Piece boom		●
Arms		
1.9 m, 6' 3"		●
2.1 m, 6' 11"		●
2.5 m, 8' 2"	●	
3.0 m, 9' 10"		●
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 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		●
Boom floating control		●
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)	●	
HX140D Dozer blade		●
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 (600 mm, 24")		●
Double grousers shoe (700 mm, 28")		●
Track rail guard	●	
Full 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.

HYUNDAI HEAVY INDUSTRIES | CONSTRUCTION EQUIPMENT

Head Office (Sales Office)
18TH FI., DIGITAL CUBE BLDG. 34, SANGAMSAN-RO, MAPO-GU, SEOUL 121-904, KOREA
TEL: (82) (2) 6424–1118 **FAX**: (82) (2) 6424-1129

Americas Operation : Hyundai Construction Equipment Americas, Inc.
6100 ATLANTIC BOULEVARD NORCROSS GA 30071 U.S.A **TEL**: (1) 847-678-823-7802 **FAX**: (1) 847-678-823-7778

Europe Operation : Hyundai Heavy Industries Europe N.V.
VOSSENDAAL 11, 2440 GEEL, BELGIUM **TEL**: (32) 14-56-2200 **FAX**: (32) 14-59-3405

PLEASE CONTACT

www.hyundai-ce.com 2016. 2 Rev.0

MOVING YOU FURTHER

HX140 L

With Tier4 final / Stage Ⅳ Engine installed

*Photo may include optional equipment.

Net Power	Gross Power	Travel Speed	Operating Weight
SAE J1349 / 116 HP (87 kW) at 1,950 rpm	SAE J1995 / 126 HP (92.6 kW) at 1,950 rpm	5.6 km/hr (3.5 mph) / 3.3 km/hr (2.1 mph)	14,200 kg / 31,310 lb

HYUNDAI HEAVY INDUSTRIES

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.

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
- Cycle Time Improvement
- Boom Floating Control (Option)

MORE RELIABLE, MORE SUSTAINABLE

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

INFOTAINMENT FRONTIER

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

MODERN COMFORT, SIMPLE AND SAFE SOLUTION

- AAVM (Advanced Around View Monitoring) Camera System (Option)
- Easy Access to DEF/AdBlue® Supply System
- Hi-mate (Remote Management System) (Option)
- Swing Lock System (Option)
- Fine Swing Control (Option)

*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 5% faster and levels up to 2~5% 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

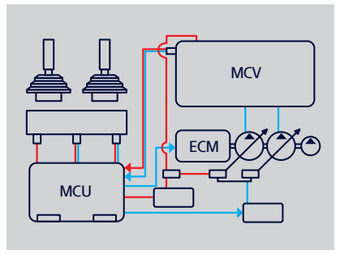
The HX Series has an eco-friendly, high-performance engine which ensures both excellent fuel efficiency and high power. With outstanding operating performance proven by rigorous tests at various work sites, it will satisfy any customer's needs.

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.



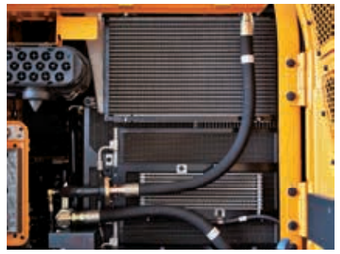
New Variable Power Control

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.

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 cleaned.

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.

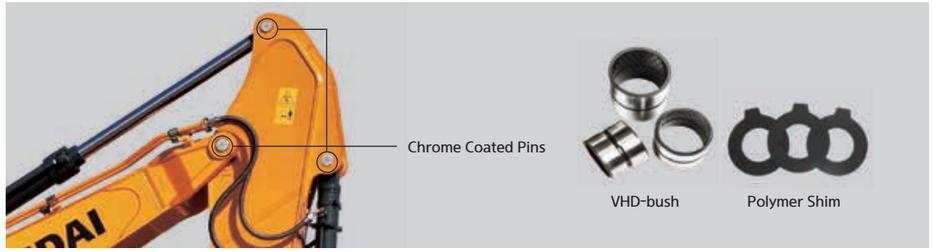
Enlarged Air Inlet with Grill Cover

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.



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.

Durable Cooling Module

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

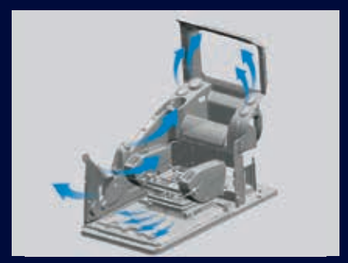
Reinforced Durability of Upper and Lower Structure and Attachments

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.

*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.

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.

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.

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.

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

MODERN COMFORT, SIMPLE AND SAFE SOLUTION

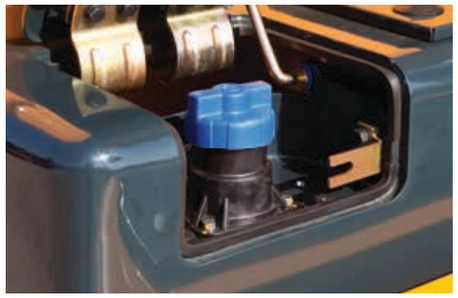
New Cabin for More Comfort

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

*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			PERKINS / 1204F-E44TAN
Type			4-cycle turbocharged, charger air cooled diesel engine
Rated flywheel horse power	SAE	J1995 (gross)	124 HP (92.6kW) at 1,950 rpm
		J1349 (net)	116 HP (87 kW) at 1,950 rpm
	DIN	6271/1 (gross)	126 PS (92.6 kW) at 1,950 rpm
		6271/1 (net)	118 PS (87 kW) at 1,950 rpm
Max. torque			54 kgf · m (391 lbf · ft) / 1,400 rpm
Bore × stroke			105×127 mm (4.13"×5")
Piston displacement			4,400 cc (269 cu in)
Batteries			2×12 V×80 Ah
Starting motor			24V, 4.5 kW
Alternator			24V, 100 Amp

HYDRAULIC SYSTEM

MAIN PUMP

Type	Variable displacement tandem axis piston pumps
Max. flow	2×126.8 ℓ/min
Sub-pump for pilot circuit	Gear pump

Cross-sensing and fuel saving pump system

HYDRAULIC MOTORS

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

RELIEF VALVE SETTING

Implement circuits	350 kgf/cm² (4980psi)
Travel	350 kgf/cm² (4980psi)
Power boost (boom, arm, bucket)	380 kgf/cm² (5400psi)
Swing circuit	285 kgf/cm² (4054psi)
Pilot circuit	40 kgf/cm² (570psi)
Service valve	Installed

HYDRAULIC CYLINDERS

No. of cylinder bore X stroke	Boom: Ø120×1,290 mm
	Arm: Ø140×1,510 mm
	Bucket: Ø120×1,055 mm

DRIVES & BRAKES

Drive method	Fully hydrostatic type
Drive motor	Axial piston motor, in-shoe design
Reduction system	Planetary reduction gear
Max. drawbar pull	12,000 kgf (26,455 lbf)
Max. travel speed (high / low)	5.6 km/hr (3.5 mph) / 3.3 km/hr (2.1 mph)
Gradeability	35° (70%)
Parking brake	Multi wet disc

CONTROL

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

Pilot control	Two joysticks with one safety lever (LH): Swing and arm(RH)Boom and bucket
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	11.6 rpm

SERVICE REFILL CAPACITIES

Re-filling	liter	US gal	UK gal
Fuel tank	270.0	71.3	59.4
Engine coolant	15.5	4.1	3.4
Engine oil	10.5	2.8	2.3
Swing device	2.5	0.66	0.55
Final drive (each)	2.2	0.60	0.50
Hydraulic system (including tank)	210.0	55.5	46.2
Hydraulic tank	124.0	32.8	27.3
DEF/AdBlue®	19	5	4.2

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	46 EA
No. of carrier roller on each side	1 EA
No. of track roller on each side	7 EA
No. of rail guard on each side	1 EA

OPERATING WEIGHT (APPROXIMATE)

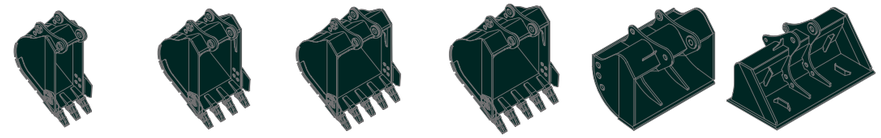
Operating weight, including 4,600mm (15' 1") boom, 2,500mm (8' 2") arm, SAE heaped 0.58m³ (0.76 yd³) bucket, lubricant, coolant, full fuel tank, full hydraulic tank, and all standard equipments.

OPERATING WEIGHT

Shoes			Operating weight	Ground pressure
Type	Width mm (in)		kg (lb)	kgf/cm² (psi)
Triple grouser	500 (20")	HX140 L	13,990 (30,840)	0.43 (6.11)
		HX140 LD	14,810 (32,650)	0.46 (6.54)
	600 (24")	HX140 L	14,200 (31,310)	0.37 (5.26)
		HX140 LD	15,020 (33,110)	0.39 (5.55)
	700 (28")	HX140 L	14,410 (31,770)	0.32 (4.55)
	800 (32")	HX140 HW	17,100 (37,700)	0.33 (4.69)
Double grouser	710 (28")	HX140 HW	16,865 (37,180)	0.37 (5.26)
	960 (38")	HX140 HW	17,370 (38,290)	0.28 (3.98)

BUCKET SELECTION GUIDE & DIGGING FORCE

BUCKETS



SAE heaped	0.23 (0.30)	0.40 (0.52)	0.52 (0.68)	0.65 (0.85)	◈ 0.45 (0.59)	◆ 0.55 (0.72)
m³ (yd³)		0.46 (0.60)	0.58 (0.76)	0.71 (0.93)		

Capacity m³ (yd³)		Width mm (in)		Weight kg (lb)	Recommendation mm (ft.in)					
					4,600 (15' 1") Boom				4,100 (13' 5") Boom	
SAE heaped	CECE heaped	Without side cutters	With side cutters		1,900 (6' 3") Arm	2,100 (6' 11") Arm	2,500 (8' 2") Arm	3,000 (9' 10") Arm	1,900 (6' 3") Arm	2,100 (6' 11") Arm
0.23 (0.30)	0.20 (0.26)	520 (20.5)	620 (24.4)	335 (740)	●	●	●	■	●	●
0.40 (0.52)	0.35 (0.46)	760 (29.9)	860 (33.9)	410 (900)	●	●	●	■	●	●
0.46 (0.60)	0.40 (0.52)	850 (33.5)	950 (37.4)	435 (960)	●	●	●	▲	●	●
0.52 (0.68)	0.45 (0.59)	935 (36.8)	1,035 (40.8)	460 (1,010)	●	●	●	-	●	●
0.58 (0.76)	0.50 (0.65)	1,030 (40.6)	1,130 (44.5)	480 (1,060)	●	●	■	-	●	●
0.65 (0.85)	0.55 (0.72)	1,110 (43.7)	1,210 (47.6)	500 (1,100)	■	■	▲	-	●	■
0.71 (0.93)	0.60 (0.78)	1,205 (47.4)	-	540 (1,190)	▲	▲	-	-	■	▲
◈0.45 (0.59)	0.40 (0.52)	1,520 (59.8)	-	410 (900)	●	●	■	-	●	●
◆0.55 (0.72)	0.45 (0.59)	1,800 (70.9)	-	585 (1,290)	■	■	▲	-	●	●

◈ Ditching 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, a low-stress, full-box section design.
4.1 m (13' 5"), 4.6 (15' 1") mono booms & 4.9 m (16' 9") hydraulic adjustable boom and 1.9 m (6' 3"); 2.1 m (6' 11"); 2.5 m (8' 2") & 3.0 m (9' 1") arms are available.

DIGGING FORCE

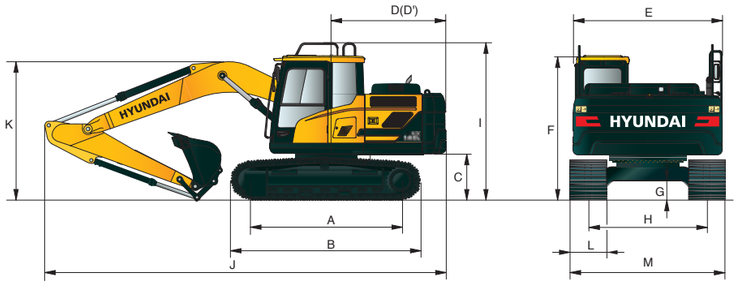
Arm	Length	mm (ft.in)	1,900 (6' 3")	2,100 (6' 11")	2,500 (8' 2")	3,000 (9' 10")	Remark
	Weight	kg (lb)	560 (1,230)	580 (1,280)	610 (1,340)	670 (1,480)	
Bucket digging force	SAE	kN	87.3[94.8]	87.3[94.8]	87.3[94.8]	87.3[94.8]	[ ] : Power Boost
		kgf	8,900[9,660]	8,900[9,660]	8,900[9,660]	8,900[9,660]	
		lbf	19,620[21,300]	19,620[21,300]	19,620[21,300]	19,620[21,300]	
	ISO	kN	102[110.8]	102[110.8]	102[110.8]	102[110.8]	
		kgf	10,400[11,290]	10,400[11,290]	10,400[11,290]	10,400[11,290]	
		lbf	22,930[24,890]	22,930[24,890]	22,930[24,890]	22,930[24,890]	
Arm crowd force	SAE	kN	76.5[83.1]	73.6[79.9]	62.8[68.2]	55.9[60.7]	
		kgf	7,800[8,470]	7,500[8,140]	6,400[6,950]	5,700[6,190]	
		lbf	17,200[18,670]	16,530[17,950]	14,110[15,320]	12,570[13,640]	
	ISO	kN	80.4[87.3]	77.5[84.1]	65.7[71.4]	57.9[62.8]	
		kgf	8,200[8,900]	7,900[8,580]	6,700[7,270]	5,900[6,410]	
		lbf	18,080[19,630]	17,420[18,910]	14,770[16,040]	13,010[14,120]	

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

DIMENSIONS & WORKING RANGE

HX140 L DIMENSIONS

4.6 m (15' 1"), 4.1 m (13' 5") BOOM and 1.9 m (6' 3"), 2.1 m (6' 11"), 2.5 m (8' 2"), 3.0 m (9' 10") ARM



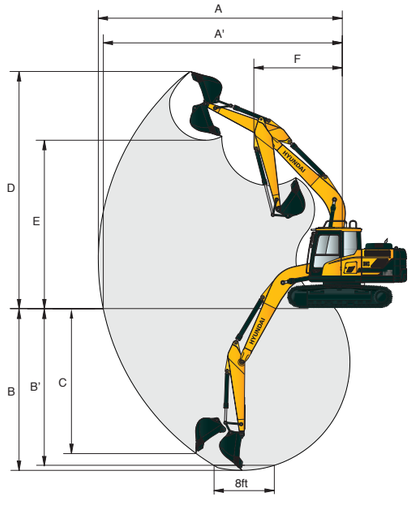
Unit : mm (ft · in)

A	Tumbler distance	3,000 (9' 10")
B	Overall length of crawler	3,708 (12' 2")
C	Ground clearance of counterweight	940 (3' 1")
D	Tail swing radius	2,330 (7' 7")
D'	Rear-end length	2,330 (7' 7")
E	Overall width of upperstructure	2,475 (8' 1")
F	Overall height of cab	2,860 (9' 5")
G	Min. ground clearance	440 (1' 5")
H	Track gauge	2,000 (6' 7")
I	Overall height of guardrail	3,100 (10' 2")

	Boom length	4,600 (15' 1")				4,100 (13' 5")	
	Arm length	1,900 (6' 3")	2,100 (6' 11")	2,500 (8' 2")	3,000 (9' 10")	1,900 (6' 3")	2,100 (6' 11")
J	Overall length	7,820 (25' 7")	7,850 (25' 8")	7,820 (25' 7")	7,790 (25' 6")	7,320 (24' 0")	7,350 (24' 1")
K	Overall height of boom	2,650 (8' 7")	2,760 (9' 0")	2,780 (9' 1")	3,110 (10' 2")	2,600 (8' 5")	2,790 (9' 2")
L	Track shoe width	500 (20")		600 (24")		700 (28")	
M	Overall width	2,500 (8' 2")		2,600 (8' 6")		2,700 (8' 10")	

HX140 L WORKING RANGE

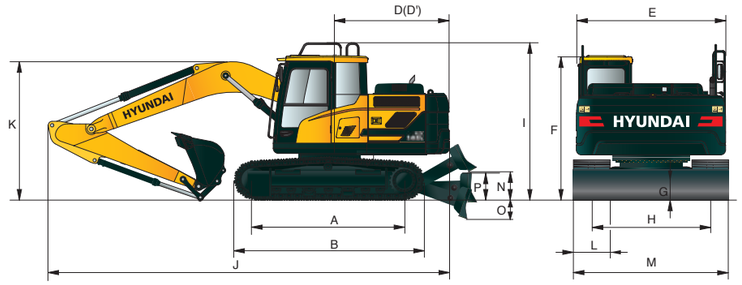
Unit : mm (ft · in)



	Boom length	4,600 (15' 1")				4,100 (13' 5")	
	Arm length	1,900 (6' 3")	2,100 (6' 11")	2,500 (8' 2")	3,000 (9' 10")	1,900 (6' 3")	2,100 (6' 11")
A	Max. digging reach	7,750 (25' 5")	7,920 (25' 11")	8,330 (27' 4")	8,790 (28' 10")	7,260 (23' 10")	7,420 (24' 4")
A'	Max. digging reach on ground	7,600 (24' 11")	7,770 (25' 6")	8,180 (26' 10")	8,650 (28' 4")	7,090 (23' 3")	7,260 (23' 10")
B	Max. digging depth	4,950 (16' 2")	5,150 (16' 10")	5,550 (18' 3")	6,050 (19' 10")	4,540 (14' 11")	4,740 (15' 7")
B'	Max. digging depth (8' level)	4,680 (15' 4")	4,900 (16' 1")	5,340 (17' 6")	5,870 (19' 3")	4,280 (14' 1")	4,490 (14' 9")
C	Max. vertical wall digging depth	4,650 (15' 3")	4,900 (16' 1")	5,330 (17' 6")	5,850 (19' 2")	4,240 (13' 11")	4,350 (14' 3")
D	Max. digging height	8,100 (26' 7")	8,180 (26' 10")	8,500 (27' 11")	8,780 (28' 10")	7,700 (25' 3")	7,770 (25' 6")
E	Max. dumping height	5,670 (18' 7")	5,750 (18' 10")	6,060 (19' 11")	6,330 (20' 9")	5,260 (17' 3")	5,340 (17' 6")
F	Min. swing radius	2,630 (8' 8")	2,670 (8' 9")	2,650 (8' 8")	2,680 (8' 10")	2,350 (7' 9")	2,460 (8' 1")

HX140 LD DIMENSIONS

4.6 m (15' 1"), 4.1 m (13' 5") BOOM and 1.9 m (6' 3"), 2.1 m (6' 11"), 2.5 m (8' 2"), 3.0 m (9' 10") ARM



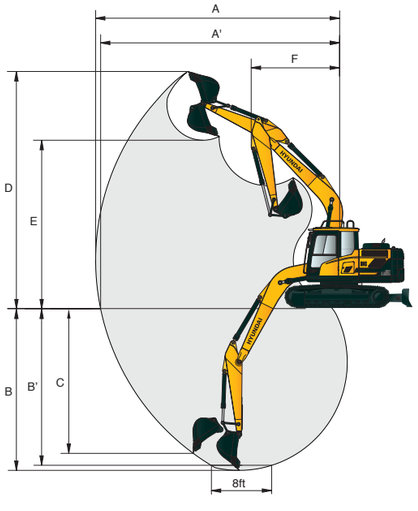
Unit : mm (ft · in)

A	Tumbler distance	3,000 (9' 10")
B	Overall length of crawler	3,708 (12' 2")
C	Ground clearance of counterweight	940 (3' 1")
D	Tail swing radius	2,330 (7' 7")
D'	Rear-end length	2,330 (7' 7")
E	Overall width of upperstructure	2,475 (8' 1")
F	Overall height of cab	2,960 (9' 9")
G	Min. ground clearance	440 (1' 5")
H	Track gauge	2,000 (6' 7")
I	Overall height of guardrail	3,180 (10' 5")
N	Ground clearance of blade up	560 (1' 10")
O	Depth of dozer blade	500 (1' 8")
P	Height of blade	575 (1' 11")

	Boom length	4,600 (15' 1")				4,100 (13' 5")	
	Arm length	1,900 (6' 3")	2,100 (6' 11")	2,500 (8' 2")	3,000 (9' 10")	1,900 (6' 3")	2,100 (6' 11")
J	Overall length	8,130 (26' 7")	8,160 (26' 7")	8,130 (26' 7")	8,100 (26' 6")	7,630 (25' 0")	7,660 (25' 1")
K	Overall height of boom	2,650 (8' 7")	2,760 (9' 0")	2,780 (9' 1")	3,110 (10' 2")	2,600 (8' 5")	2,790 (9' 2")
L	Track shoe width	500 (20")		600 (24")		700 (28")	
M	Overall width	2,500 (8' 2")		2,600 (8' 6")		2,700 (8' 10")	

HX140 LD WORKING RANGE

Unit : mm (ft · in)

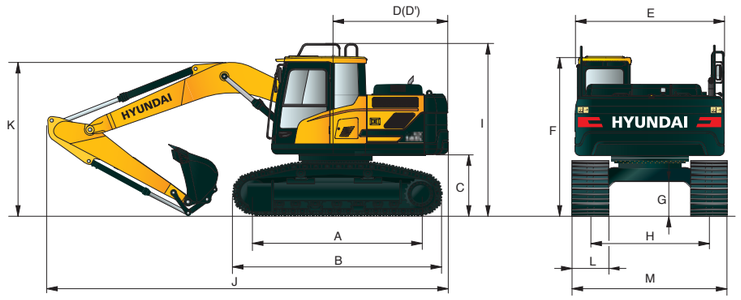


	Boom length	4,600 (15' 1")				4,100 (13' 5")	
	Arm length	1,900 (6' 3")	2,100 (6' 11")	2,500 (8' 2")	3,000 (9' 10")	1,900 (6' 3")	2,100 (6' 11")
A	Max. digging reach	7,750 (25' 5")	7,920 (25' 11")	8,330 (27' 4")	8,790 (28' 10")	7,260 (23' 10")	7,420 (24' 4")
A'	Max. digging reach on ground	7,600 (24' 11")	7,770 (25' 6")	8,180 (26' 10")	8,650 (28' 4")	7,090 (23' 3")	7,260 (23' 10")
B	Max. digging depth	4,950 (16' 2")	5,150 (16' 10")	5,550 (18' 3")	6,050 (19' 10")	4,540 (14' 11")	4,740 (15' 7")
B'	Max. digging depth (8' level)	4,680 (15' 4")	4,900 (16' 1")	5,340 (17' 6")	5,870 (19' 3")	4,280 (14' 1")	4,490 (14' 9")
C	Max. vertical wall digging depth	4,650 (15' 3")	4,900 (16' 1")	5,330 (17' 6")	5,850 (19' 2")	4,240 (13' 11")	4,350 (14' 3")
D	Max. digging height	8,100 (26' 7")	8,180 (26' 10")	8,500 (27' 11")	8,780 (28' 10")	7,700 (25' 3")	7,770 (25' 6")
E	Max. dumping height	5,670 (18' 7")	5,750 (18' 10")	6,060 (19' 11")	6,330 (20' 9")	5,260 (17' 3")	5,340 (17' 6")
F	Min. swing radius	2,630 (8' 8")	2,670 (8' 9")	2,650 (8' 8")	2,680 (8' 10")	2,350 (7' 9")	2,460 (8' 1")

DIMENSIONS & WORKING RANGE

HX140 HW DIMENSIONS

4.6 m (15' 1"), 4.1 m (13' 5") BOOM and 1.9 m (6' 3"), 2.1 m (6' 11"), 2.5 m (8' 2"), 3.0 m (9' 10") ARM

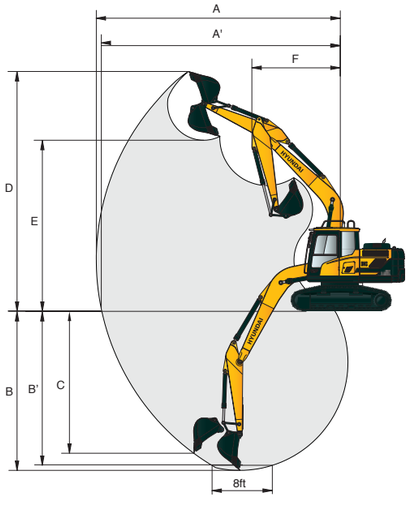


Unit : mm (ft · in)

A	Tumbler distance	3,030 (9' 11")
B	Overall length of crawler	3,740 (12' 3")
C	Ground clearance of counterweight	1,200 (3' 11")
D	Tail swing radius	2,330 (7' 7")
D'	Rear-end length	2,330 (7' 7")
E	Overall width of upperstructure	2,475 (8' 1")
F	Overall height of cab	3,220 (10' 7")
G	Min. ground clearance	600 (1' 12")
H	Track gauge	2,040 (6' 8")
I	Overall height of guardrail	3,440 (11' 3")

	Boom length	4,600 (15' 1")				4,100 (13' 5")	
	Arm length	1,900 (6' 3")	2,100 (6' 11")	2,500 (8' 2")	3,000 (9' 10")	1,900 (6' 3")	2,100 (6' 11")
J	Overall length	7,770 (25' 5")	7,830 (25' 7")	7,790 (25' 6")	7,860 (25' 8")	7,220 (23' 8")	7,290 (23' 11")
K	Overall height of boom	2,750 (9' 0")	2,860 (9' 4")	2,830 (9' 3")	3,120 (10' 2")	2,650 (8' 1")	2,850 (9' 4")
L	Track shoe width	700 (28")		800 (32")		960 (38")	
M	Overall width	2,740 (8' 12")		2,840 (9' 4")		3,000 (9' 10")	

HX140 HW WORKING RANGE

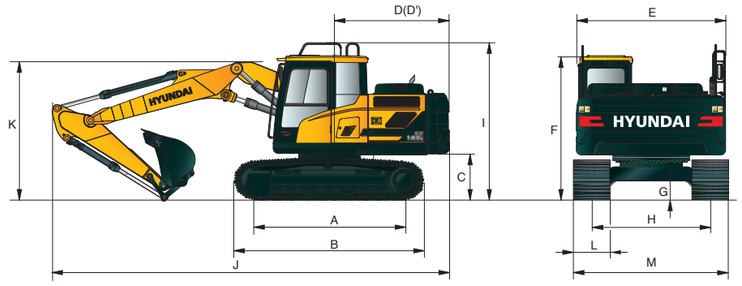


Unit : mm (ft · in)

	Boom length	4,600 (15' 1")				4,100 (13' 5")	
	Arm length	1,900 (6' 3")	2,100 (6' 11")	2,500 (8' 2")	3,000 (9' 10")	1,900 (6' 3")	2,100 (6' 11")
A	Max. digging reach	7,750 (25' 5")	7,920 (25' 11")	8,330 (27' 4")	8,790 (28' 10")	7,260 (23' 10")	7,420 (24' 4")
A'	Max. digging reach on ground	7,540 (24' 9")	7,710 (25' 4")	8,110 (26' 7")	8,580 (28' 2")	7,020 (23' 10")	7,200 (23' 7")
B	Max. digging depth	4,690 (15' 5")	4,890 (16' 1")	5,290 (17' 4")	5,790 (19' 0")	4,280 (14' 1")	4,480 (14' 8")
B'	Max. digging depth (8' level)	4,420 (14' 6")	4,640 (15' 3")	5,080 (16' 8")	5,610 (18' 5")	4,020 (13' 2")	4,230 (13' 11")
C	Max. vertical wall digging depth	4,390 (14' 5")	4,640 (15' 3")	5,070 (16' 8")	5,590 (18' 4")	3,980 (13' 1")	4,090 (13' 5")
D	Max. digging height	8,360 (27' 5")	8,440 (27' 8")	8,760 (28' 9")	9,040 (29' 7")	7,960 (26' 1")	8,030 (26' 4")
E	Max. dumping height	5,930 (19' 5")	6,010 (19' 8")	6,320 (20' 9")	6,590 (21' 7")	5,520 (18' 1")	5,600 (18' 4")
F	Min. swing radius	2,630 (8' 8")	2,670 (8' 9")	2,650 (8' 8")	2,680 (8' 10")	2,350 (7' 9")	2,460 (8' 1")

HX140 L 2-PIECE BOOM DIMENSIONS

4.9 m (16' 1") 2-PIECE BOOM and 1.9 m (6' 3"), 2.1 m (6' 11"), 2.5 m (8' 2"), 3.0 m (9' 10") ARM

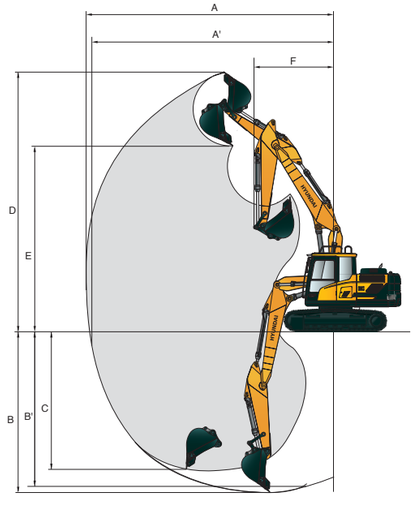


Unit : mm (ft · in)

A	Tumbler distance	3,000 (9' 10")
B	Overall length of crawler	3,750 (12' 4")
C	Ground clearance of counterweight	940 (3' 1")
D	Tail swing radius	2,330 (7' 7")
D'	Rear-end length	2,330 (7' 7")
E	Overall width of upperstructure	2,500 (8' 2")
F	Overall height of cab	2,870 (9' 4")
G	Min. ground clearance	440 (1' 5")
H	Track gauge	2,000 (6' 7")
I	Overall height of guardrail	3,100 (10' 2")

	Boom length	4,900 (16' 1") 2-Piece boom		
	Arm length	1,900 (6' 3")	2,100 (6' 11")	2,500 (8' 2")
J	Overall length	8,160 (26' 8")	8,170 (26' 8")	8,150 (26' 8")
K	Overall height of boom	2,830 (9' 3")	2,940 (9' 6")	2,960 (9' 7")
L	Track shoe width	500 (20")	600 (24")	700 (28")
M	Overall width	2,500 (8' 2")	2,600 (8' 6")	2,700 (8' 10")

HX140 L 2-PIECE BOOM WORKING RANGE



Unit : mm (ft · in)

	Boom length	4,900 (16' 1") 2-Piece boom		
	Arm length	1,900 (6' 3")	2,100 (6' 11")	2,500 (8' 2")
A	Max. digging reach	8,140 (26' 8")	8,320 (27' 4")	8,720 (28' 7")
A'	Max. digging reach on ground	8,000 (26' 3")	8,180 (26' 10")	8,590 (28' 2")
B	Max. digging depth	5,110 (16' 9")	5,310 (17' 5")	5,710 (18' 9")
B'	Max. digging depth (8' level)	5,000 (16' 5")	5,190 (17' 0")	5,610 (18' 5")
C	Max. vertical wall digging depth	4,490 (14' 9")	4,660 (15' 3")	5,120 (16' 10")
D	Max. digging height	8,810 (28' 11")	8,890 (29' 2")	9,270 (30' 5")
E	Max. dumping height	6,330 (20' 9")	6,410 (21' 0")	6,780 (22' 3")
F	Min. swing radius	2,670 (8' 9")	2,830 (9' 3")	2,690 (8' 10")

LIFTING CAPACITY

Rating over-front Rating over-side or 360 degree

HX140 L

Boom : 4.6 m (15' 1") / Arm : 1.9 m (6' 3") / Bucket : 0.58 m³ (0.76 yd³) SAE heaped / Shoe : 600 mm (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)		Capacity		Reach
												m (ft)
6.0 m	kg					*3340	*3340			*3170	2350	5.95
(20 ft)	lb					*7360	*7360			*6990	5180	(19.5)
4.5 m	kg					*3550	*3550			2820	1760	6.90
(15 ft)	lb					*7830	*7830			6220	3880	(22.6)
3.0 m	kg			*6270	*6270	*4440	3510	3480	2170	2480	1520	7.37
(10 ft)	lb			*13820	*13820	*9790	7740	7670	4780	5470	3350	(24.2)
1.5 m	kg			*8490	6040	5400	3270	3380	2080	2390	1450	7.45
(5 ft)	lb			*18720	13320	11900	7210	7450	4590	5270	3200	(24.4)
Ground	kg			*8230	5790	5200	3100	3300	2000	2510	1520	7.17
Line	lb			*18140	12760	11460	6830	7280	4410	5530	3350	(23.5)
-1.5 m	kg	*6670	*6670	*9690	5800	5140	3050			2960	1810	6.48
(-5 ft)	lb	*14700	*14700	*21360	12790	11330	6720			6530	3990	(21.3)
-3.0 m	kg	*10970	*10970	*8330	5930	5220	3110			*3690	2670	5.15
(-10 ft)	lb	*24180	*24180	*18360	13070	11510	6860			*8140	5890	(16.9)

Boom : 4.6 m (15' 1") / Arm : 2.5 m (8' 2") / Bucket : 0.58 m³ (0.76 yd³) SAE heaped / Shoe : 600 mm (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)		Capacity		Reach
												m (ft)
6.0 m	kg									*2810	1920	6.69
(20 ft)	lb									*6190	4230	(21.9)
4.5 m	kg							*2770	2270	2440	1500	7.53
(15 ft)	lb							*6110	5000	5380	3310	(24.7)
3.0 m	kg			*4930	*4930	*3830	3570	*3380	2190	2170	1310	7.95
(10 ft)	lb			*10870	*10870	*8440	7870	*7450	4830	4780	2890	(26.1)
1.5 m	kg			*8030	6240	*5010	3300	3380	2070	2100	1250	8.03
(5 ft)	lb			*17700	13760	*11050	7280	7450	4560	4630	2760	(26.3)
Ground	kg			*8780	5800	5200	3090	3270	1970	2180	1300	7.77
Line	lb			*19360	12790	11460	6810	7210	4340	4810	2870	(25.5)
-1.5 m	kg	*5740	*5740	*9910	5700	5080	2990	3220	1920	2500	1500	7.15
(-5 ft)	lb	*12650	*12650	*21850	12570	11200	6590	7100	4230	5510	3310	(23.5)
-3.0 m	kg	*8760	*8760	*9040	5770	5100	3000			3340	2030	6.01
(-10 ft)	lb	*19310	*19310	*19930	12720	11240	6610			7360	4480	(19.7)
-4.5 m	kg			*6590	6030							
(-15 ft)	lb			*14530	13290							

Boom : 4.6 m (15' 1") / Arm : 3.0 m (9' 10") / Bucket : 0.58 m³ (0.76 yd³) SAE heaped / Shoe : 600 mm (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)
6.0 m	kg							*1880	*1880			*2540	1650	7.25
(20 ft)	lb							*4140	*4140			*5600	3640	(23.8)
4.5 m	kg							*2570	2310			2180	1320	8.02
(15 ft)	lb							*5670	5090			4810	2910	(26.3)
3.0 m	kg					*3280	*3280	*3020	2210	*1660	1430	1960	1160	8.41
(10 ft)	lb					*7230	*7230	*6660	4870	*3660	3150	4320	2560	(27.6)
1.5 m	kg			*6980	6440	*4540	3350	3400	2080	*2190	1380	1890	1100	8.49
(5 ft)	lb			*15390	14200	*10010	7390	7500	4590	*4830	3040	4170	2430	(27.9)
Ground	kg			*9240	5850	5210	3100	3260	1960	*2120	1330	1960	1140	8.25
Line	lb			*20370	12900	11490	6830	7190	4320	*4670	2930	4320	2510	(27.1)
-1.5 m	kg	*5290	*5290	*9910	5650	5060	2960	3180	1890			2200	1290	7.67
(-5 ft)	lb	*11660	*11660	*21850	12460	11160	6530	7010	4170			4850	2840	(25.2)
-3.0 m	kg	*7720	*7720	*9440	5670	5030	2940	3180	1880			2800	1680	6.64
(-10 ft)	lb	*17020	*17020	*20810	12500	11090	6480	7010	4140			6170	3700	(21.8)
-4.5 m	kg	*11300	*11300	*7670	5850	*4890	3050							
(-15 ft)	lb	*24910	*24910	*16910	12900	*10780	6720							

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

HX140 LD

Boom : 4.6 m (15' 1") / Arm : 1.9 m (6' 3") / Bucket : 0.58 m³ (0.76 yd³) SAE heaped / Shoe : 600 mm (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)		Capacity		Reach
												m (ft)
6.0 m	kg					*3340	*3340			*3170	2490	5.95
(20 ft)	lb					*7360	*7360			*6990	5490	(19.5)
4.5 m	kg					*3550	*3550			3070	1870	6.90
(15 ft)	lb					*7830	*7830			6770	4120	(22.6)
3.0 m	kg			*6270	*6270	*4440	3700	3780	2300	2710	1620	7.37
(10 ft)	lb			*13820	*13820	*9790	8160	8330	5070	5970	3570	(24.2)
1.5 m	kg			*8490	6380	*5520	3460	3680	2210	2610	1550	7.45
(5 ft)	lb			*18720	14070	*12170	7630	8110	4870	5750	3420	(24.4)
Ground	kg			*8230	6130	5650	3290	3590	2130	2750	1630	7.17
Line	lb			*18140	13510	12460	7250	7910	4700	6060	3590	(23.5)
-1.5 m	kg	*6670	*6670	*9690	6140	5590	3240			3230	1930	6.48
(-5 ft)	lb	*14700	*14700	*21360	13540	12320	7140			7120	4250	(21.3)
-3.0 m	kg	*10970	*10970	*8330	6270	*5520	3300			*3690	2830	5.15
(-10 ft)	lb	*24180	*24180	*18360	13820	*12170	7280			*8140	6240	(16.9)

Boom : 4.6 m (15' 1") / Arm : 2.5 m (8' 2") / Bucket : 0.58 m³ (0.76 yd³) SAE heaped / Shoe : 600 mm (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)		Capacity		Reach
												m (ft)
6.0 m	kg									*2810	2040	6.69
(20 ft)	lb									*6190	4500	(21.9)
4.5 m	kg							*2770	2410	2660	1600	7.53
(15 ft)	lb							*6110	5310	5860	3530	(24.7)
3.0 m	kg			*4930	*4930	*3830	3770	*3380	2320	2380	1400	7.95
(10 ft)	lb			*10870	*10870	*8440	8310	*7450	5110	5250	3090	(26.1)
1.5 m	kg			*8030	6580	*5010	3490	3680	2210	2300	1340	8.03
(5 ft)	lb			*17700	14510	*11050	7690	8110	4870	5070	2950	(26.3)
Ground	kg			*8780	6140	5640	3280	3570	2110	2400	1400	7.77
Line	lb			*19360	13540	12430	7230	7870	4650	5290	3090	(25.5)
-1.5 m	kg	*5740	*5740	*9910	6040	5530	3180	3510	2060	2730	1610	7.15
(-5 ft)	lb	*12650	*12650	*21850	13320	12190	7010	7740	4540	6020	3550	(23.5)
-3.0 m	kg	*8760	*8760	*9040	6110	5550	3200			*3540	2170	6.01
(-10 ft)	lb	*19310	*19310	*19930	13470	12240	7050			*7800	4780	(19.7)
-4.5 m	kg			*6590	6370							
(-15 ft)	lb			*14530	14040							

Boom : 4.6 m (15' 1") / Arm : 3.0 m (9' 10") / Bucket : 0.58 m³ (0.76 yd³) SAE heaped / Shoe : 600 mm (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)
6.0 m	kg							*1880	*1880			*2540	1760	7.25
(20 ft)	lb							*4140	*4140			*5600	3880	(23.8)
4.5 m	kg							*2570	2440			2380	1410	8.02
(15 ft)	lb							*5670	5380			5250	3110	(26.3)
3.0 m	kg					*3280	*3280	*3020	2350	*1660	1540	2150	1250	8.41
(10 ft)	lb					*7230	*7230	*6660	5180	*3660	3400	4740	2760	(27.6)
1.5 m	kg			*6980	6780	*4540	3540	*3610	2220	*2190	1480	2080	1190	8.49
(5 ft)	lb			*15390	14950	*10010	7800	*7960	4890	*4830	3260	4590	2620	(27.9)
Ground	kg			*9240	6190	*5630	3290	3560	2090	*2120	1480	2150	1230	8.25
Line	lb			*20370	13650	*12410	7250	7850	4610	*4670	3150	4740	2710	(27.1)
-1.5 m	kg	*5290	*5290	*9910	5990	5500	3150	3480	2020			2410	1390	7.67
(-5 ft)	lb	*11660	*11660	*21850	13210	12130	6940	7670	4450			5310	3060	(25.2)
-3.0 m	kg	*7720	*7720	*9440	6010	5480	3130	3480	2020			3060	1800	6.64
(-10 ft)	lb	*17020	*17020	*20810	13250	12080	6900	7670	4450			6750	3970	(21.8)
-4.5 m	kg	*11300	*11300	*7670	6190	*4890	3240							
(-15 ft)	lb	*24910	*24910	*16910	13650	*10780	7140							

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

HX140 HW

Boom : 4.6 m (15' 1") / Arm : 1.9 m (6' 3") / Bucket : 0.58 m³ (0.76 yd³) SAE heaped / Shoe : 800mm(32") triple grouser

Load point height m (ft)		Load radius								At max. reach		
		1.5 m (5 ft)		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		Capacity		Reach
												m (ft)
6.0 m	kg					*3310	*3310			*3180	2610	6.16
(20 ft)	lb					*7300	*7300			*7010	5750	(20.2)
4.5 m	kg					*3670	*3670	*2830	2640	3200	2050	7.01
(15 ft)	lb					*8090	*8090	*6240	5820	7050	4520	(23.0)
3.0 m	kg			*6820	*6820	*4620	4090	*3860	2580	2880	1820	7.41
(10 ft)	lb			*15040	*15040	*10190	9020	*8510	5690	6350	4010	(24.3)
1.5 m	kg			*7800	7120	*5680	3850	3930	2480	2820	1770	7.43
(5 ft)	lb			*17200	15700	*12520	8490	8660	5470	6220	3900	(24.4)
Ground	kg			*8700	6940	6050	3700	3850	2410	3020	1890	7.09
Line	lb			*19180	15300	13340	8160	8490	5310	6660	4170	(23.3)
-1.5 m	kg	*7330	*7330	*9540	6960	6010	3670			3630	2290	6.31
(-5 ft)	lb	*16160	*16160	*21030	15340	13250	8090			8000	5050	(20.7)
-3.0 m	kg			*7950	7130	*5200	3760					
(-10 ft)	lb			*17530	15720	*11460	8290					

Boom : 4.6 m (15' 1") / Arm : 2.5 m (8' 2") / Bucket : 0.58 m³ (0.76 yd³) SAE heaped / Shoe : 800mm(32") triple grouser

Load point height m (ft)		Load radius								At max. reach		
		1.5 m (5 ft)		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		Capacity		Reach
												m (ft)
6.0 m	kg									*2830	2180	6.87
(20 ft)	lb									*6240	4810	(22.5)
4.5 m	kg					*3040	*3040	*2930	2690	2790	1770	7.63
(15 ft)	lb					*6700	*6700	*6460	5930	6150	3900	(25.0)
3.0 m	kg			*5460	*5460	*4030	*4030	*3470	2590	2540	1590	7.99
(10 ft)	lb			*12040	*12040	*8880	*8880	*7650	5710	5600	3510	(26.2)
1.5 m	kg			*8460	7290	*5200	3880	3930	2480	2490	1540	8.01
(5 ft)	lb			*18650	16070	*11460	8550	8660	5470	5490	3400	(26.3)
Ground	kg	*3600	*3600	*8880	6920	6030	3680	3820	2380	2630	1630	7.70
Line	lb	*7940	*7940	*19580	15260	13290	8110	8420	5250	5800	3590	(25.3)
-1.5 m	kg	*6200	*6200	*9840	6850	5940	3600	3780	2340	3050	1900	7.00
(-5 ft)	lb	*13670	*13670	*21690	15100	13100	7940	8330	5160	6720	4190	(23.0)
-3.0 m	kg	*9390	*9390	*8770	6960	*5760	3640			*3520	2650	5.74
(-10 ft)	lb	*20700	*20700	*19330	15340	*12700	8020			*7760	5840	(18.8)

Boom : 4.6 m (15' 1") / Arm : 3.0 m (9' 10") / Bucket : 0.58 m³ (0.76 yd³) SAE heaped / Shoe : 800mm(32") 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)
6.0 m	kg							*2060	*2060			*2550	1900	7.41
(20 ft)	lb							*4540	*4540			*5620	4190	(24.3)
4.5 m	kg							*2660	*2660			2510	1570	8.11
(15 ft)	lb							*5860	*5860			5530	3460	(26.6)
3.0 m	kg					*3480	*3480	*3120	2610	*1790	1740	2300	1420	8.45
(10 ft)	lb					*7670	*7670	*6880	5750	*3950	3840	5070	3130	(27.7)
1.5 m	kg			*7490	7480	*4750	3920	*3710	2480	*2230	1690	2250	1380	8.47
(5 ft)	lb			*16510	16490	*10470	8640	*8180	5470	*4920	3730	4960	3040	(27.8)
Ground	kg	*3650	*3650	*9450	6950	*5770	3680	3810	2360	*1990	1640	2360	1440	8.18
Line	lb	*8050	*8050	*20830	15320	*12720	8110	8400	5200	*4390	3620	5200	3170	(26.8)
-1.5 m	kg	*5660	*5660	*9900	6800	5900	3560	3740	2300			2680	1650	7.53
(-5 ft)	lb	*12480	*12480	*21830	14990	13010	7850	8250	5070			5910	3640	(24.7)
-3.0 m	kg	*8220	*8220	*9250	6840	5900	3560	3760	2320			*3380	2180	6.40
(-10 ft)	lb	*18120	*18120	*20390	15080	13010	7850	8290	5110			*7450	4810	(21.0)
-4.5 m	kg			*7160	7060	*4420	3710							
(-15 ft)	lb			*15790	15560	*9740	8180							

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

HX140 2-PIECE BOOM

Boom : 4.9 m (16' 1") / Arm : 1.9 m (6' 3") / Bucket : 0.58 m³ (0.76 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)		Capacity		Reach
										m (ft)
6.0 m	kg			*2900	*2900			*2880	2010	6.45
(20 ft)	lb			*6390	*6390			*6350	4430	(21.2)
4.5 m	kg			*3280	*3280	*3150	2220	2530	1540	7.33
(15 ft)	lb			*7230	*7230	*6940	4890	5580	3400	(24.0)
3.0 m	kg	*6420	*6420	*4230	3440	3470	2130	2240	1340	7.76
(10 ft)	lb	*14150	*14150	*9330	7580	7650	4700	4940	2950	(25.5)
1.5 m	kg			5310	3160	3340	2020	2170	1280	7.84
(5 ft)	lb			11710	6970	7360	4450	4780	2820	(25.7)
Ground	kg	*5430	*5430	5110	2980	3240	1930	2270	1340	7.58
Line	lb	*11970	*11970	11270	6570	7140	4250	5000	2950	(24.9)
-1.5 m	kg	*9210	5620	5050	2940	3220	1900	2630	1570	6.93
(-5 ft)	lb	*20300	12390	11130	6480	7100	4190	5800	3460	(22.7)
-3.0 m	kg	*8450	5780	5130	3000					
(-10 ft)	lb	*18630	12740	11310	6610					

Boom : 4.9 m (16' 1") / Arm : 2.1 m (6' 11") / Bucket : 0.58 m³ (0.76 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)		Capacity		Reach
										m (ft)
6.0 m	kg			*2690	*2690			*2760	1900	6.68
(20 ft)	lb			*5930	*5930			*6080	4190	(21.9)
4.5 m	kg			*3080	*3080	*2990	2230	2420	1470	7.52
(15 ft)	lb			*6790	*6790	*6590	4920	5340	3240	(24.7)
3.0 m	kg	*5930	*5930	*4030	3460	*3360	2140	2150	1280	7.94
(10 ft)	lb	*13070	*13070	*8880	7630	*7410	4720	4740	2820	(26.0)
1.5 m	kg			*5140	3160	3340	2010	2080	1220	8.02
(5 ft)	lb			*11330	6970	7360	4430	4590	2690	(26.3)
Ground	kg	*5690	5540	5090	2960	3230	1910	2170	1270	7.77
Line	lb	*12540	12210	11220	6530	7120	4210	4780	2800	(25.5)
-1.5 m	kg	*8930	5560	5020	2900	3190	1870	2490	1470	7.14
(-5 ft)	lb	*19690	12260	11070	6390	7030	4120	5490	3240	(23.4)
-3.0 m	kg	*8650	5690	5070	2950					
(-10 ft)	lb	*19070	12540	11180	6500					

Boom : 4.9 m (16' 1") / Arm : 2.5 m (8' 2") / Bucket : 0.58 m³ (0.76 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)
6.0 m	kg							*2250	*2250			*2570	1660	7.18
(20 ft)	lb							*4960	*4960			*5670	3660	(23.6)
4.5 m	kg					*2700	*2700	*2710	2270			2190	1310	7.96
(15 ft)	lb					*5950	*5950	*5970	5000			4830	2890	(26.1)
3.0 m	kg			*5070	*5070	*3660	3520	*3120	2160	*1900	1400	1970	1150	8.35
(10 ft)	lb			*11180	*11180	*8070	7760	*6880	4760	*4190	3090	4340	2540	(27.4)
1.5 m	kg			*7220	5960	*4830	3200	3350	2020	2300	1350	1900	1100	8.43
(5 ft)	lb			*15920	13140	*10650	7050	7390	4450	5070	2980	4190	2430	(27.7)
Ground	kg			*6040	5560	5100	2970	3220	1900	2250	1310	1980	1140	8.19
Line	lb			*13320	12260	11240	6550	7100	4190	4960	2890	4370	2510	(26.9)
-1.5 m	kg	*4680	*4680	*8220	5510	4990	2880	3160	1850			2230	1300	7.60
(-5 ft)	lb	*10320	*10320	*18120	12150	11000	6350	6970	4080			4920	2870	(24.9)
-3.0 m	kg			*9010	5600	5010	2900	3190	1870					
(-10 ft)	lb			*19860	12350	11050	6390	7030	4120					

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.