

ENGINE	STD	OPT
Perkins 1204F 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	●	
Hyundai Bio Hydraulic Oil (HBHO)		●
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	●	
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 (ISO 10262) Level 2		
FOPS (Falling Object Protective Structure) - ISO 10262 Level 2		●
Cabin ROPS (ISO 12117-2)		
ROPS (Roll Over Protective Structure)	●	

SAFETY	STD	OPT
Battery master switch	●	
Rearview camera		●
AAVM (Advanced Around View Monitoring)		●
Four front working lights (2 boom mounted, 2 front frame mounted)	●	
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		
5.1 m, 16' 9"	●	
5.1 m, 16' 9" 2-Piece		●
Arms		
2.2 m, 7' 3"		●
2.6 m, 8' 6"	●	
3.1 m, 10' 2"		●
Removable clean-out dust net for cooler	●	
Fuel pre-filter	●	
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		●
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)	●	
Dozer Blade		●
Track shoes		
Triple grousers shoes (600mm, 24")	●	
Triple grousers shoe (700 mm, 28")		●
Triple grousers shoe (800 mm, 32")		●
Triple grousers shoes (500mm, 20")		●
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.

HX180 L

With Tier4 final / Stage IV Engine installed



* Photo may include optional equipment.



Head Office(Sales Office)
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2026. FEB

Gross Power	Net Power	Travel Speed	Operating Weight
SAE J1995 / 137 HP (102.1 kW) at 2,050 rpm	SAE J1349 / 128 HP (96 kW) at 2,050 rpm	5.3 km/hr (3.3 mph) / 3.2 km/hr (2.0 mph)	18,800 kg / 41,450 lb

HYUNDAI



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

HX180 L

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
- Proportional Auxiliary Hydraulic System
- New Audio System
- New Air Conditioning System

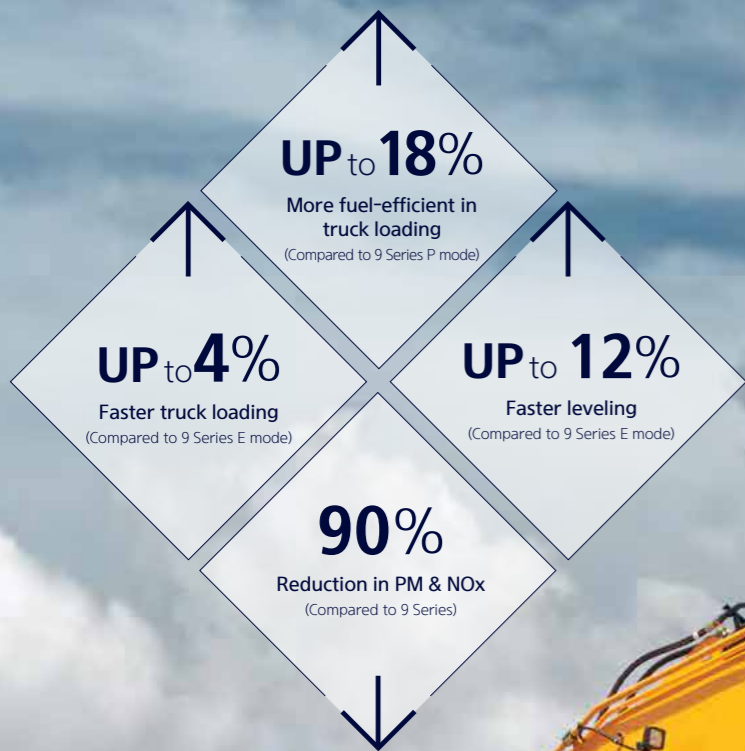


MODERN COMFORT, SIMPLE AND SAFE SOLUTION

- 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.



*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 4% faster and levels up to 12% 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

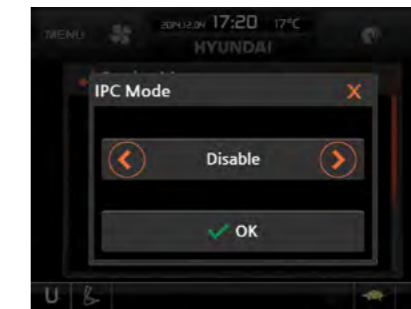
Fuel Efficient System, Allows Great Performance

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.

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 cleaned.

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.



Chrome Coated Pins

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.



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.

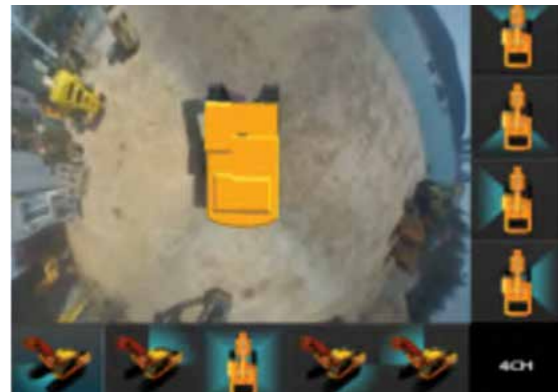
Proportional Auxiliary Hydraulic System

- 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	
Type	Water cooled, 4 cycle Diesel, 4-cylinders in line, direct injection, turbocharged charger and air cooled	
Rated flywheel horse power	SAE J1995 (gross)	137 HP (102.1 kW) / 2,050 rpm
	J1349 (net)	128 HP (96 kW) / 2,050 rpm
horse power	DIN 6271/1 (gross)	139 PS (102.1 kW) / 2,050 rpm
	6271/1 (net)	130 PS (96 kW) / 2,050 rpm
Max. torque	57.1 kgf-m(413 lbf-ft) / 1,400 rpm	
Bore X stroke	105 x 127 mm (4.13" x 5.0")	
Piston displacement	4,400 cc (268.5 in ³)	
Batteries	2 X 12 V X 100 AH	
Starting motor	24 V- 4.5 kW	
Alternator	24 V- 100 Amp	

HYDRAULIC SYSTEM

MAIN PUMP	
Type	Two variable displacement piston pumps
Rated flow	2X1640/min (43.3 US gpm / 36.1 UK gpm)
Sub-pump for pilot circuit	Gear pump

Cross-sensing and fuel saving pump system

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

RELIEF VALVE SETTING	
Implement circuits	350 kgf/cm ² (4,980 psi)
Travel	350 kgf/cm ² (4,980 psi)
Power boost (boom, arm, bucket)	380 kgf/cm ² (5,400 psi)
Swing circuit	285 kgf/cm ² (4,050 psi)
Pilot circuit	40 kgf/cm ² (570 psi)
Service valve	Installed

HYDRAULIC CYLINDERS	
No. of cylinder bore X stroke	Boom: 2-115 X 1,090 mm (4.5" X 42.9")
	Arm: 1-120 X 1,355 mm (4.7" X 53.3")
	Bucket: 1-110 X 995 mm (4.3" X 39.2")
	Blade: 2-110 X 320 mm (4.3" X 12.6")
2PCS 1st:	2-115 X 920 mm (4.5" X 36.2")
	2nd: 1-160 X 650 mm (6.3" X 25.6")

* Hyundai Bio Hydraulic Oil (HBHO) available

DRIVES & BRAKES	
Drive method	Fully hydrostatic type
Drive motor	Two speed axial pistons motor
Reduction system	Planetary reduction gear
Max. drawbar pull	17,000 kgf (37,500 lbf)
Max. travel speed (high / low)	5.3 km/hr (3.3 mph) / 3.2 km/hr (2.0 mph)
Gradeability	35° (70%)
Parking brake	Multi wet disc

CONTROL

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

Pilot control	Two joysticks with one safety lever (LH): Swing and arm, (RH): Boom and bucket(ISO)
Traveling and steering	Two levers with pedals
Engine throttle	Electric, Dial type
Lights	Two lights mounted on the boom Two on the upper frame

SWING SYSTEM	
Swing motor	Axial pistons motor
Swing reduction	Planetary gear reduction
Swing bearing lubrication	Grease-bathed
Swing brake	Multi wet disc
Swing speed	10.3 rpm

COOLANT & LUBRICANT CAPACITY			
Refilling	liter	US gal	UK gal
Fuel tank	290	76.6	63.8
Engine coolant	27.5	7.3	6.0
Engine oil	10.5	2.8	2.3
Swing device-gear oil	6.2	1.6	1.4
Final drive(each)-gear oil (OPT)	5.8 (6.0)	1.5 (1.6)	1.3 (1.3)
Hydraulic system (including tank)	240	63.4	52.8
Hydraulic tank	12.5	33.0	27.5
DEF/Adblue® tank	19	5.0	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	51
No. of carrier roller on each side	2
No. of track roller on each side	7
No. of rail guard on each side	1

OPERATING WEIGHT (APPROXIMATE)

Operating weight, including 5,100mm (16' 9") boom, 2,600mm (8' 6") arm, SAE heaped 0.76m³ (0.99 yd³) bucket, lubricant, coolant, full fuel tank, full hydraulic tank, and all standard equipments.







OPERATING WEIGHT			
Shoes	Width mm (in)	Operating weight kg (lb)	Ground pressure kgf/cm ² (psi)
Triple grouser	500 (20")	HX180L	18,540(40,870) 0.51 (7.25)
		HX180LD	19,440(42,860) 0.54(7.68)
		HX180NL	18,440(40,650) 0.51(7.25)
	600 (24")	HX180L	18,800(41,450) 0.43(6.11)
		HX180LD	19,700(43,430) 0.45(6.40)
		HX180NL	18,700(41,230) 0.43(6.11)
700 (28")	HX180L	19,050(42,000) 0.38(5.40)	
	HX180LD	19,950(43,980) 0.39(5.55)	
	HX180NL	18,950(41,780) 0.37(5.26)	
800 (32")	HX180L	19,310(42,570) 0.33(4.69)	
	HX180LD	20,210(44,560) 0.35(4.98)	
	HX180NL	19,210(42,350) 0.33(4.69)	

AIR CONDITIONING SYSTEM

The air condition system for the machine contains the fluorinated greenhouse gas with global warming potential of R134a. (Global Warming Potential : 1430)
The system hold 0.65kg refrigerant consisting of a CO₂ equivalent 0.93kg metric tonne. For more information, Please refer to the manual.

DIMENSIONS & WORKING RANGE

BUCKETS

					
SAE heaped m ³ (yd ³)	0.39 (0.51)	0.50 (0.65)	0.64 (0.84) 0.70 (0.92) 0.76 (0.99)	0.89 (1.16) 1.05 (1.37)	◆ 0.69 (0.90) ● 0.75 (0.90)

Capacity m ³ (yd ³)	Width mm (in)	Weight kg (lb)	Recommendation mm (ft.in)						
			5,100 (16' 9") Mono Boom		5,100(16' 9") 2-Piece				
			2,200 (7' 3") Arm	2,600 (8' 6") Arm	3,100 (10' 2") Arm	2,200 (7' 3") Arm	2,600 (8' 6") Arm		
0.39(0.51)	0.34(0.44)	620(24.4)	740(29.1)	410(900)	●	●	●	●	●
0.50(0.65)	0.44(0.58)	760(29.9)	880(34.6)	470(1,040)	●	●	●	●	●
0.64(0.84)	0.55(0.72)	920(36.2)	1,040(40.9)	510(1,120)	●	●	■	●	●
0.70(0.92)	0.60(0.78)	990(39.0)	1,110(43.7)	600(1,320)	●	●	■	●	■
0.76(0.99)	0.65(0.85)	1,060(41.7)	1,180(46.5)	620(1,370)	●	■	▲	■	▲
0.89(1.16)	0.77(1.01)	1,220(48.0)	1,340(52.8)	610(1,340)	■	▲	-	■	▲
1.05(1.37)	0.90(1.18)	1,400(55.1)	1,520(59.8)	680(1,500)	▲	▲	-	▲	-
◆ 0.69(0.90)	0.62(0.81)	990(39.0)	-	720(1,590)	●	■	▲	■	▲
● 0.75(0.98)	0.65(0.85)	1,820(71.7)	-	540(1,190)	●	■	■	●	■

◆ Heavy duty bucket
● Ditch cleaning 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 1,100 kg /m³ (1,850 lb/ yd³) or less

ATTACHMENT

Booms and arms are welded, a low-stress, full-box section design. 5.1m(16' 9") boom, 5.1m(16' 9") 2-PIECE boom and 2.20m(7' 3"), 2.60m(8' 6"), 3.10m(10' 2") arms are available.

DIGGING FORCEW

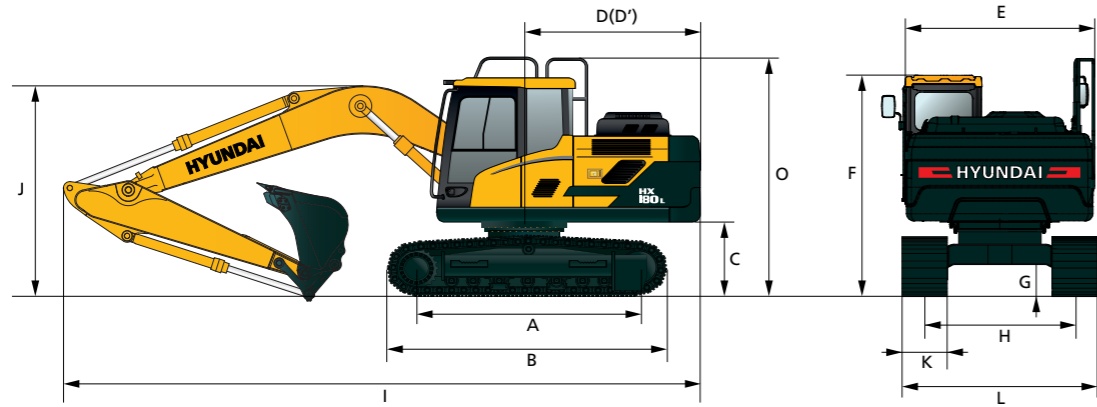
Arm	Length	mm (ft · in)	2,200 (7' 3")			2,600 (8' 6")			3,100 (10' 2")			
			Weight	kg (lb)	kN	kgf	lbf	kN	kgf	lbf	kN	kgf
Bucket digging force	SAE	Weight	750 (1,560)	810 (1,790)	890 (1,960)	107.9 [117.2]	11,000 [11,940]	11,000 [11,940]	11,000 [11,940]	107.9 [117.2]	11,000 [11,940]	11,000 [11,940]
			kN	107.9 [117.2]	107.9 [117.2]	107.9 [117.2]	123.6 [134.2]	123.6 [134.2]	123.6 [134.2]	123.6 [134.2]	123.6 [134.2]	123.6 [134.2]
			kgf	24,250 [26,330]	24,250 [26,330]	24,250 [26,330]	12,600 [13,680]	12,600 [13,680]	12,600 [13,680]	12,600 [13,680]	12,600 [13,680]	12,600 [13,680]
	ISO	kN	107.9 [117.2]	107.9 [117.2]	107.9 [117.2]	123.6 [134.2]	123.6 [134.2]	123.6 [134.2]	123.6 [134.2]	123.6 [134.2]	123.6 [134.2]	
		kgf	24,250 [26,330]	24,250 [26,330]	24,250 [26,330]	12,600 [13,680]	12,600 [13,680]	12,600 [13,680]	12,600 [13,680]	12,600 [13,680]	12,600 [13,680]	
		lbf	27,780 [30,160]	27,780 [30,160]	27,780 [30,160]	27,780 [30,160]	27,780 [30,160]	27,780 [30,160]	27,780 [30,160]	27,780 [30,160]	27,780 [30,160]	
Arm crowd force	SAE	kN	87.2 [94.7]	77.3 [83.9]	69.0 [74.9]	8,890 [9,650]	7,880 [8,560]	7,030 [7,630]	8,890 [9,650]	7,880 [8,560]	7,030 [7,630]	
		kgf	19,600 [21,280]	17,370 [18,860]	15,500 [16,830]	91.0 [98.8]	80.3 [87.2]	71.4 [77.5]	91.0 [98.8]	80.3 [87.2]	71.4 [77.5]	
		lbf	20,460 [22,210]	18,060 [19,600]	16,050 [17,430]	9,280 [10,080]	8,190 [8,890]	7,280 [7,900]	9,280 [10,080]	8,190 [8,890]	7,280 [7,900]	
	ISO	kN	87.2 [94.7]	77.3 [83.9]	69.0 [74.9]	91.0 [98.8]	80.3 [87.2]	71.4 [77.5]	91.0 [98.8]	80.3 [87.2]	71.4 [77.5]	
		kgf	19,600 [21,280]	17,370 [18,860]	15,500 [16,830]	20,460 [22,210]	18,060 [19,600]	16,050 [17,430]	20,460 [22,210]	18,060 [19,600]	16,050 [17,430]	
		lbf	20,460 [22,210]	18,060 [19,600]	16,050 [17,430]	20,460 [22,210]	18,060 [19,600]	16,050 [17,430]	20,460 [22,210]	18,060 [19,600]	16,050 [17,430]	

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

DIMENSIONS & WORKING RANGE

HX180L DIMENSIONS

5.1 m (16' 9") BOOM and 2.2 m (7' 3"), 2.6 m (8' 6"), 3.1 m (10' 2") ARM



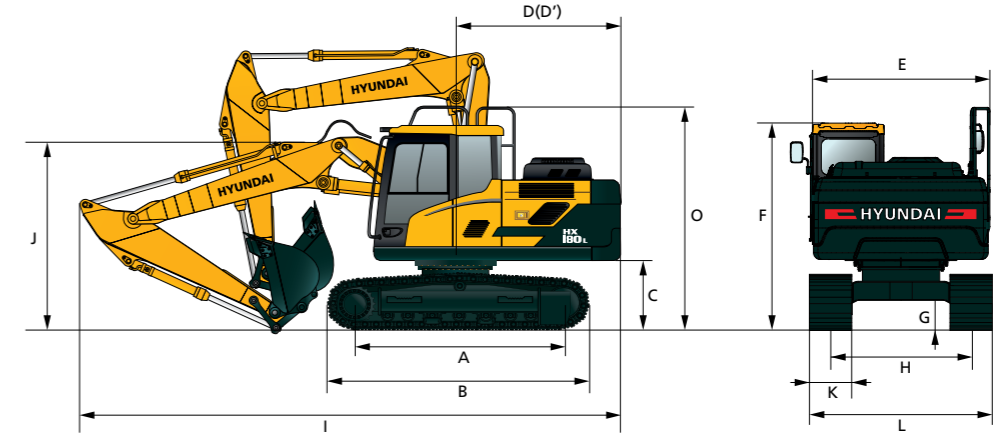
mm (ft-in)

mm (ft-in)

A Tumbler distance	3,360 (11' 0")	Boom length	5,100 (16' 9")			
B Overall length of crawler	4,116 (13' 6")	Arm length	2,200 (7' 3")	2,600 (8' 6")	3,100 (10' 2")	
C Ground clearance of counterweight	1,055 (3' 6")	I Overall length	8,660 (28' 5")	8,650 (28' 5")	8,650 (28' 5")	
D Tail swing radius	2,480 (8' 2")	J Overall height of boom	3,010 (9' 11")	2,990 (9' 10")	3,150 (10' 4")	
D' Rear-end length	2,480 (8' 2")	K Track shoe width	500 (20")	600 (24")	700 (28")	800 (32")
E Overall width of upperstructure	2,475 (8' 1")	L Overall width	2,750 (9' 0")	2,850 (9' 4")	2,950 (9' 8")	3,050 (10' 0")
F Overall height of cab	2,980 (9' 9")					
G Min. ground clearance	460 (1' 6")					
H Track gauge	2,250 (7' 5")					
O Overall height of guardrail	3,235 (10' 7")					

HX180L 2-PIECE BOOM DIMENSIONS

5.1 m (16' 9") 2-PIECE BOOM and 2.2 m (7' 3"), 2.6 m (8' 6") ARM

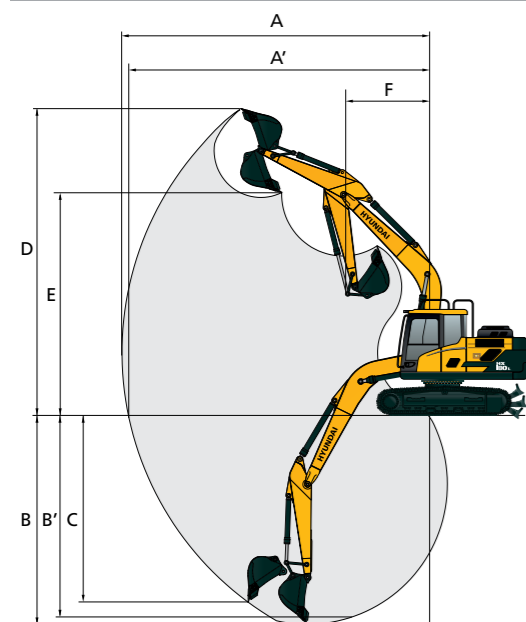


mm (ft-in)

mm (ft-in)

A Tumbler distance	3,360 (11' 0")	Boom length	5,100 (16' 9")			
B Overall length of crawler	4,116 (13' 6")	Arm length	2,200 (7' 3")	2,600 (8' 6")		
C Ground clearance of counterweight	1,055 (3' 6")	I Overall length	8,610 (28' 3")	8,610 (28' 3")		
D Tail swing radius	2,480 (8' 2")	J Overall height of boom	3,040 (10' 0")	3,060 (10' 0")		
D' Rear-end length	2,480 (8' 2")	K Track shoe width	500 (20")	600 (24")	700 (28")	800 (32")
E Overall width of upperstructure	2,475 (8' 1")	L Overall width	2,750 (9' 0")	2,850 (9' 4")	2,950 (9' 8")	3,050 (10' 0")
F Overall height of cab	2,980 (9' 9")					
G Min. ground clearance	460 (1' 6")					
H Track gauge	2,250 (7' 5")					
O Overall height of guardrail	3,235 (10' 7")					

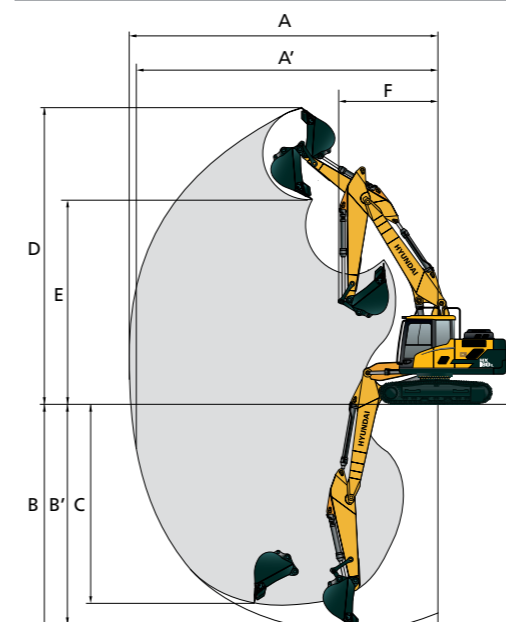
HX180L WORKING RANGE



mm (ft-in)

Boom length	5,100 (16' 9")			
Arm length	2,200 (7' 3")	2,600 (8' 6")	3,100 (10' 2")	
A Max. digging reach	8,690 (28' 6")	9,020 (29' 7")	9,450 (31' 0")	
A' Max. digging reach on ground	8,530 (27' 12")	8,860 (29' 1")	9,300 (30' 6")	
B Max. digging depth	5,660 (18' 7")	6,060 (19' 11")	6,560 (21' 6")	
B' Max. digging depth (8' level)	5,430 (17' 10")	5,850 (19' 2")	6,370 (20' 11")	
C Max. vertical wall digging depth	5,120 (16' 10")	5,380 (17' 8")	5,710 (18' 9")	
D Max. digging height	8,750 (28' 8")	8,840 (29' 0")	8,980 (29' 6")	
E Max. dumping height	6,110 (20' 1")	6,220 (20' 5")	6,390 (21' 0")	
F Min. swing radius	3,180 (10' 5")	3,170 (10' 5")	3,170 (10' 5")	

HX180L 2-PIECE BOOM WORKING RANGE



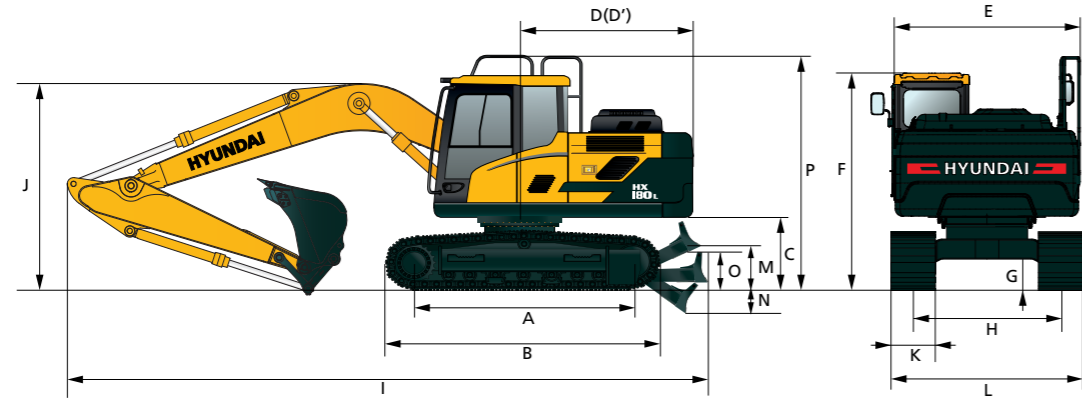
mm (ft-in)

Boom length	5,100 (16' 9") 2-Piece			
Arm length	2,200 (7' 3")	2,600 (8' 6")		
A Max. digging reach	8,690 (28' 6")	9,110 (29' 11")		
A' Max. digging reach on ground	8,530 (27' 12")	8,950 (29' 4")		
B Max. digging depth	5,660 (18' 7")	5,830 (19' 2")		
B' Max. digging depth (8' level)	5,430 (17' 10")	5,730 (18' 10")		
C Max. vertical wall digging depth	5,120 (16' 10")	4,980 (16' 4")		
D Max. digging height	8,750 (28' 8")	9,610 (31' 6")		
E Max. dumping height	6,110 (20' 1")	6,910 (22' 8")		
F Min. swing radius	3,180 (10' 5")	2,970 (9' 9")		

DIMENSIONS & WORKING RANGE

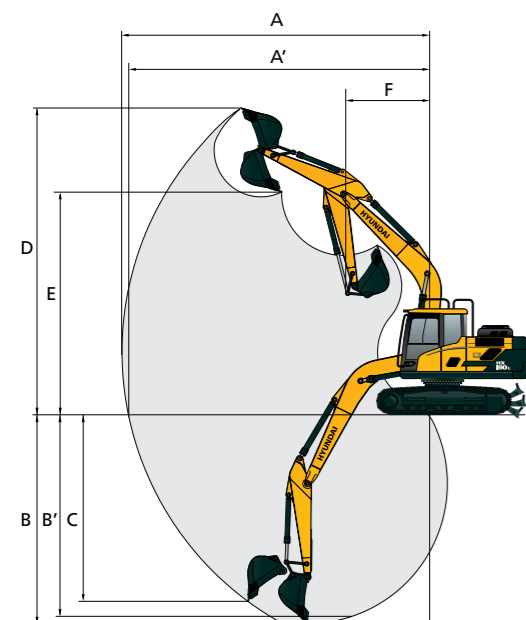
HX180LD DIMENSIONS

5.1 m (16' 9") BOOM and 2.2 m (7' 3"), 2.6 m (8' 6"), 3.1 m (10' 2") ARM



mm (ft-in)		mm (ft-in)			
A Tumbler distance	3,360 (11' 0")	Boom length 5,100(16' 9")			
B Overall length of crawler	4,116 (13' 6")	Arm length 2,200 (7' 3") 2,600 (8' 6") 3,100 (10' 2")			
C Ground clearance of counterweight	1,055 (3' 6")	I Overall length 9,110 (29' 11") 9,100 (29' 10") 9,100 (29' 10")			
D Tail swing radius	2,480 (8' 2")	J Overall height of boom 3,010 (9' 11") 2,990 (9' 10") 3,150 (10' 4")			
D' Rear-end length	2,480 (8' 2")	K Track shoe width 500 (20") 600 (24") 700 (28") 800 (32")			
E Overall width of upperstructure	2,475 (8' 1")	L Overall width 2,750 (9' 1") 2,850 (9' 5") 2,950 (9' 9") 3,050 (10' 1")			
F Overall height of cab	2,980 (9' 9")				
G Min. ground clearance	460 (1' 6")				
H Track gauge	2,250 (7' 5")				
M Ground clearance of blade up	615 (2' 0")				
N Depth of blade down	675 (2' 3")				
O Height of blade	645 (2' 1")				
P Overall height of guardrail	3,235 (10' 7")				

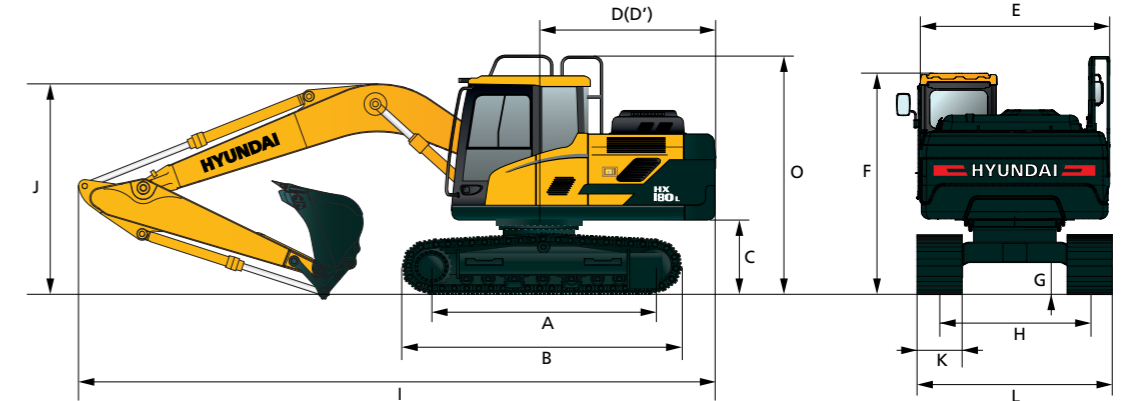
HX180LD WORKING RANGE



mm (ft-in)		mm (ft-in)			
Boom length		5,100 (16' 9")			
Arm length		2,200 (7' 3") 2,600 (8' 6") 3,100 (10' 2")			
A Max. digging reach	8,690 (28' 6")	9,020 (29' 7")	9,450 (31' 0")		
A' Max. digging reach on ground	8,530 (27' 12")	8,860 (29' 1")	9,300 (30' 6")		
B Max. digging depth	5,660 (18' 7")	6,060 (19' 11")	6,560 (21' 6")		
B' Max. digging depth (8' level)	5,430 (17' 10")	5,850 (19' 2")	6,370 (20' 11")		
C Max. vertical wall digging depth	5,120 (16' 10")	5,380 (17' 8")	5,710 (18' 9")		
D Max. digging height	8,750 (28' 8")	8,840 (29' 0")	8,980 (29' 6")		
E Max. dumping height	6,110 (20' 1")	6,220 (20' 5")	6,390 (21' 0")		
F Min. swing radius	3,180 (10' 5")	3,170 (10' 5")	3,170 (10' 5")		

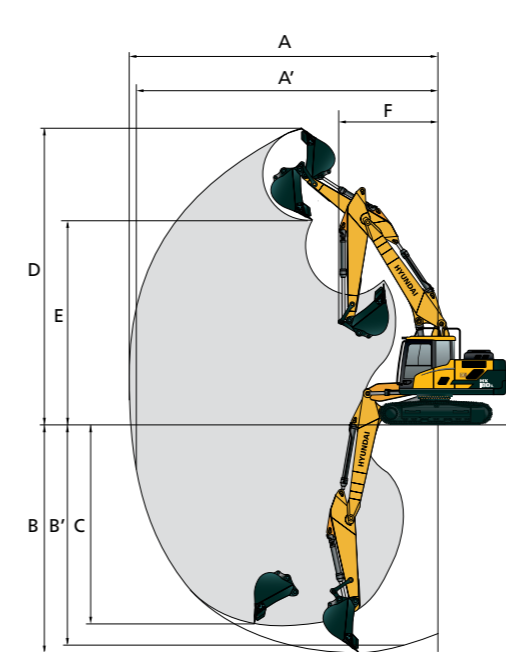
HX180NL DIMENSIONS

5.1 m (16' 9") 2-PIECE BOOM and 2.2 m (7' 3"), 2.6 m (8' 6") ARM





mm (ft-in)		mm (ft-in)			
Boom length		5,100(16' 9")			
Arm length		2,200 (7' 3") 2,600 (8' 6") 3,100 (10' 2")			
I Overall length		8,660 (28' 5") 8,650 (28' 5") 8,650 (28' 5")			
J Overall height of boom		3,010 (9' 11") 2,990 (9' 10") 3,150 (10' 4")			
K Track shoe width		500 (20") 600 (24") 700 (28")			
L Overall width		2,500 (8' 2") 2,600 (8' 6") 2,700 (8' 10")			
O Overall height of guardrail		3,235 (10' 7")			

HX180NL WORKING RANGE













mm (ft-in)		mm (ft-in)			
Boom length		5,100 (16' 9")			
Arm length		2,200 (7' 3") 2,600 (8' 6") 3,100 (10' 2")			
A Max. digging reach	8,690 (28' 6")	9,020 (29' 7")	9,450 (31' 0")		
A' Max. digging reach on ground	8,530 (27' 12")	8,860 (29' 1")	9,300 (30' 6")		
B Max. digging depth	5,660 (18' 7")	6,060 (19' 11")	6,560 (21' 6")		
B' Max. digging depth (8' level)	5,430 (17' 10")	5,850 (19' 2")	6,370 (20' 11")		
C Max. vertical wall digging depth	5,120 (16' 10")	5,380 (17' 8")	5,710 (18' 9")		
D Max. digging height	8,750 (28' 8")	8,840 (29' 0")	8,980 (29' 6")		
E Max. dumping height	6,110 (20' 1")	6,220 (20' 5")	6,390 (21' 0")		
F Min. swing radius	3,180 (10' 5")	3,170 (10' 5")	3,170 (10' 5")		

LIFTING CAPACITY











 Rating over-front  Rating over-side or 360 degree

HX180L - MONO BOOM











5.10 m (16' 9") / Arm : 2.20 m (7' 3") / Bucket : 0.76 m³ (0.92 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)		Capacity	Reach	
											m (ft)
7.5 m (25 ft)	kg								*3,700	*3,700	5.60
	lb								*8,160	*8,160	(18.4)
6.0 m (20 ft)	kg								*3,620	2,950	6.98
	lb								*7,980	6,500	(22.9)
4.5 m (15 ft)	kg								*4,530	*4,530	3,750
	lb								*9,990	*9,990	*8,950
									8,270	3,640	2,400
									*8,020	5,290	(25.5)
3.0 m (10 ft)	kg								*9,050	*9,050	*5,750
	lb								*19,950	*19,950	*12,680
									12,590	5,710	*4,550
									7,960	3,610	3,400
									2,150	8.15	7,500
									4,740	(26.7)	3,320
1.5 m (5 ft)	kg								*6,980	5,340	*5,110
	lb								*15,390	11,770	*11,270
									7,580	7,320	2,080
									4,590	8.20	3,470
									2,170	7.94	7,320
Ground Line	kg								*7,160	*7,160	*7,630
	lb								*15,790	*15,790	*16,820
									11,290	5,120	5,330
									7,320	3,470	3,280
									4,780	7.94	7,650
									4,780	(26.0)	3,920
-1.5 m (-5 ft)	kg								*7,070	*7,070	*11,190
	lb								*15,590	*15,590	*24,670
									9,860	21,740	*7,540
									11,130	5,050	*6,620
									11,640	5,280	3,280
									7,230	*8,640	5,470
									2,480	(24.0)	3,710
-3.0 m (-10 ft)	kg								*11,260	*11,260	*9,570
	lb								*24,820	*24,820	*21,100
									9,570	*6,620	5,110
									11,270	*14,590	11,270
									3,280	*3,710	3,280
									7,230	(20.3)	7,320
-4.5 m (-15 ft)	kg								*6,220	*6,220	*13,710
	lb								*13,710	*13,710	



5.10 m (16' 9") / Arm : 2.60 m (8' 6") / Bucket : 0.76 m³ (0.92 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	
											Capacity	Reach	
7.5 m (25 ft)	kg										*3,340	*3,340	6.11
	lb										*7,360	*7,360	(20.0)
6.0 m (20 ft)	kg										*2,990	*2,990	
	lb										*6,590	*6,590	
4.5 m (15 ft)	kg										*3,720	*3,720	
	lb										*8,200	*8,200	
3.0 m (10 ft)	kg										*4,260	3,620	3,170
	lb										*9,390	7,980	*6,130
											5,420	6,990	4,390
											2,380	3,090	1,920
											8,53	*3,610	2,380
											6,810	5,250	6,810
											4,230	(28.0)	3,210
Ground Line	kg										*7,950	*7,950	*7,450
	lb										*17,530	*17,530	*16,420
											11,220	5,090	5,300
											3,290	*3,430	2,310
											7,080	7,080	4,390
											2,720	3,610	2,240
											7,690	4,940	(25.2)
-1.5 m (-5 ft)	kg										*6,750	*6,750	*10,730
	lb										*14,880	*14,880	*23,660
											9,740	21,470	*16,690
											11,000	11,510	7,100
											7,960	4,940	(25.2)
-3.0 m (-10 ft)	kg										*10,030	*10,030	*10,220
	lb										*22,110	*22,110	*22,530
											21,740	*15,230	11,050
											10,630	*10,630	7,170
											3,250	*3,700	2,870
											6,330	*8,160	6,330
											(21.8)		
-4.5 m (-15 ft)	kg										*7,420	*7,420	*4,910
	lb										*16,360	*16,360	*10,820
											10,820		

5.10 m (16' 9") / Arm : 3.10 m (11' 1") / Bucket : 0.76 m³ (0.92 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	
											Capacity	Reach	
7.5 m (25 ft)	kg										*2,960	*2,960	6.73
	lb										*6,530	*6,530	(22.1)
6.0 m (20 ft)	kg										*2,830	*2,830	
	lb										*6,240	*6,240	
4.5 m (15 ft)	kg										*3,310	*3,310	
	lb										*7,300	*7,300	
3.0 m (10 ft)	kg										*4,660	*4,660	
	lb										*10,270	*10,270	
											8,020	*8,550	3,640
											5,420	*6,720	2,460
											2,360	3,050	2,460
											1,990	2,900	1,790
											8.91	6,390	3,950
											(29.2)	2,820	1,730
1.5 m (5 ft)	kg										*10,170	*10,170	*6,110
	lb										*22,420	*22,420	*13,470
											11,950	*13,470	11,950
											7,580	*10,080	7,580
											5,200	6,220	3,810
											(29.4)	2,820	3,810
Ground Line	kg										*8,710	*8,710	*7,170
	lb										*19,200	*19,200	*15,810
											11,220	*11,310	7,210
											8,140	5,030	3,690
											2,280	2,920	1,780
											3,920	6,440	3,920
											(28.6)	3,230	1,980
-1.5 m (-5 ft)	kg										*6,350	*6,350	*10,370
	lb										*14,000	*14,000	*22,860
											9,640	21,250	*16,600
											10,890	11,400	6,990
											7,050	*7,050	4,920
											4,920	7,120	4,370
											(26.8)	3,580	2,460
-3.0 m (-10 ft)	kg										*8,990	*8,990	*10,850
	lb										*19,820	*19,820	*23,920
											21,380	*15,760	10,850
											6,970	*11,180	6,970
											3,160	*3,580	2,460
											7.21	*7,890	5,420
											(23.7)	3,320	*3,320
-4.5 m (-15 ft)	kg										*12,470</		

LIFTING CAPACITY











 Rating over-front  Rating over-side or 360 degree

HX180LD - MONO BOOM













5.10 m (16' 9") / Arm : 2.20 m (7' 3") / Bucket : 0.76 m³ (0.92 yd³) SAE heaped / Shoe : 600mm(24") triple grouser, Dozer up

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)	
7.5 m (25 ft)	kg								*3,700	*3,700	5.60	
	lb								*8,160	*8,160	(18.4)	
6.0 m (20 ft)	kg								*3,620	3,100	6.98	
	lb								*7,980	6,830	(22.9)	
4.5 m (15 ft)	kg					*4,530	*4,530	*4,060	3,920	*3,640	2,520	7.76
	lb					*9,990	*9,990	*8,950	8,640	*8,020	5,560	(25.5)
3.0 m (10 ft)	kg			*9,050	*9,050	*5,750	*5,750	*4,550	3,780	*3,710	2,270	8.15
	lb			*19,950	*19,950	*12,680	*12,680	*10,030	8,330	*8,180	5,000	(26.7)
1.5 m (5 ft)	kg					*6,980	5,590	*5,110	3,610	3,760	2,200	8.20
	lb					*15,390	12,320	*11,270	7,960	8,290	4,850	(26.9)
Ground Line	kg			*7,160	*7,160	*7,630	5,360	*5,470	3,490	*3,890	2,290	7.94
	lb			*15,790	*15,790	*16,820	11,820	*12,060	7,690	*8,580	5,050	(26.0)
-1.5 m (-5 ft)	kg	*7,070	*7,070	*11,190	10,310	*7,540	5,300	*5,410	3,450	*3,920	2,620	7.31
	lb	*15,590	*15,590	*24,670	22,730	*16,620	11,680	*11,930	7,610	*8,640	5,780	(24.0)
-3.0 m (-10 ft)	kg	*11,260	*11,260	*9,570	*9,570	*6,620	5,360			*3,710	3,450	6.19
	lb	*24,820	*24,820	*21,100	*21,100	*14,590	11,820			*8,180	7,610	(20.3)
-4.5 m (-15 ft)	kg			*6,220	*6,220							
	lb			*13,710	*13,710							

5.10 m (16' 9") / Arm : 2.20 m (7' 3") / Bucket : 0.76 m³ (0.92 yd³) SAE heaped / Shoe : 600mm(24") triple grouser, Dozer down

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)	
7.5 m (25 ft)	kg									*3,700	*3,700	5.60
	lb									*8,160	*8,160	(18.4)
6.0 m (20 ft)	kg									*3,620	3,260	6.98
	lb									*7,980	7,190	(22.9)
4.5 m (15 ft)	kg					*4,530	*4,530	*4,070	*4,070	*3,650	2,670	7.76
	lb					*9,990	*9,990	*8,970	*8,970	*8,050	5,890	(25.5)
3.0 m (10 ft)	kg			*9,060	*9,060	*5,750	*5,750	*4,560	3,990	*3,720	2,400	8.15
	lb			*19,970	*19,970	*12,680	*12,680	*10,050	8,800	*8,200	5,290	(26.7)
1.5 m (5 ft)	kg					*6,990	5,920	*5,120	3,820	*3,810	2,330	8.20
	lb					*15,410	13,050	*11,290	8,420	*8,400	5,140	(26.9)
Ground Line	kg			*7,160	*7,160	*7,640	5,700	*5,480	3,700	*3,900	2,430	7.94
	lb			*15,790	*15,790	*16,840	12,570	*12,080	8,160	*8,600	5,360	(26.0)
-1.5 m (-5 ft)	kg	*7,070	*7,070	*11,190	11,090	*7,550	5,630	*5,410	3,660	*3,920	2,770	7.31
	lb	*15,590	*15,590	*24,670	24,450	*16,640	12,410	*11,930	8,070	*8,640	6,110	(24.0)
-3.0 m (-10 ft)	kg	*11,260	*11,260	*9,580	*9,580	*6,630	5,700			*3,710	3,640	6.19
	lb	*24,820	*24,820	*21,120	*21,120	*14,620	12,570			*8,180	8,020	(20.3)
-4.5 m (-15 ft)	kg			*6,230	*6,230							
	lb			*13,730	*13,730							

5.10 m (16' 9") / Arm : 2.60 m (8' 6") / Bucket : 0.76 m³ (0.92 yd³) SAE heaped / Shoe : 600mm(24") triple grouser, Dozer up



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)		
7.5 m (25 ft)	kg												*3,340	*3,340	6.11
	lb												*7,360	*7,360	(20.0)
6.0 m (20 ft)	kg							*2,990	*2,990				*3,310	2,820	7.37
	lb							*6,590	*6,590				*7,300	6,220	(24.2)
4.5 m (15 ft)	kg							*3,720	*3,720				*3,370	2,330	8.11
	lb							*8,200	*8,200				*7,430	5,140	(26.6)
3.0 m (10 ft)	kg			*7,870	*7,870	*5,270	*5,270	*4,260	3,790	*2,780	2,590		*3,460	2,100	8.48
	lb			*17,350	*17,350	*11,620	*11,620	*9,390	8,360	*6,130	5,710		*7,630	4,630	(27.8)
1.5 m (5 ft)	kg			*8,160	*8,160	*6,610	5,610	*4,880	3,600	*3,610	2,510		3,510	2,030	8.53
	lb			*17,990	*17,990	*14,570	12,370	*10,760	7,940	*7,960	5,530		7,740	4,480	(28.0)
Ground Line	kg			*7,950	*7,950	*7,450	5,340	*5,340	3,460	*3,430	2,440		3,640	2,100	8.28
	lb			*17,530	*17,530	*16,420	11,770	*11,770	7,630	*7,560	5,380		8,020	4,630	(27.2)
-1.5 m (-5 ft)	kg	*6,750	*6,750	*10,730	10,190	*7,570	5,230	*5,420	3,390				*3,760	2,370	7.69
	lb	*14,880	*14,880	*23,660	22,470	*16,690	11,530	*11,950	7,470				*8,290	5,220	(25.2)
-3.0 m (-10 ft)	kg	*10,030	*10,030	*10,220	*10,220	*6,910	5,260	*4,820	3,420				*3,700	3,020	6.64
	lb	*22,110	*22,110	*22,530	*22,530	*15,230	11,600	*10,630	7,540				*8,160	6,660	(21.8)
-4.5 m (-15 ft)	kg			*7,420	*7,420	*4,910	*4,910								
	lb			*16,360	*16,360	*10,820	*10,820								

1. Lifting capacity are based on 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

HX180LD - MONO BOOM



5.10 m (16' 9") / Arm : 2.60 m (8' 6") / Bucket : 0.76 m³ (0.92 yd³) SAE heaped / Shoe : 600mm(24") triple grouser, Dozer down

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)			
7.5 m (25 ft)	kg												*3,340	*3,340	6.11	
	lb												*7,360	*7,360	(20.0)	
6.0 m (20 ft)	kg									*2,990	*2,990		*3,310	2,970	7.37	
	lb									*6,590	*6,590		*7,300	6,550	(24.2)	
4.5 m (15 ft)	kg									*3,720	*3,720		*3,300	2,460	8.11	
	lb									*8,200	*8,200		*7,430	5,420	(26.6)	
3.0 m (10 ft)	kg					*7,870	*7,870	*5,270	*5,270	*4,260	3,990	*2,780	2,730	*3,460	2,220	8.48
	lb					*17,350	*17,350	*11,620	*11,620	*9,390	8,800	*6,130	6,020	*7,630	4,890	(27.8)
1.5 m (5 ft)	kg					*8,160	*8,160	*6,610	5,950	*4,880	3,810	*3,610	2,660	*3,560	2,150	8.53
	lb					*17,990	*17,990	*14,570	13,120	*10,760	8,400	*7,960	5,860	*7,850	4,740	(28.0)
Ground Line	kg					*7,950	*7,950	*7,450	5,670	*5,340	3,670	*3,430	2,590	*3,680	2,230	8.28
	lb					*17,530	*17,530	*16,420	12,500	*11,770	8,090	*7,560	5,710	*8,110	4,920	(27.2)
-1.5 m (-5 ft)	kg	*6,750	*6,750	*10,730	*10,730	*7,570	5,560	*5,420	3,590					*3,760	2,510	7.69
	lb	*14,880	*14,880	*23,660	*23,660	*16,690	12,260	*11,950	7,910					*8,290	5,530	(25.2)
-3.0 m (-10 ft)	kg	*10,030	*10,030	*10,220	*10,220	*6,910	5,590			*4,820	3,620			*3,700	3,200	6.64
	lb	*22,110	*22,110	*22,530	*22,530	*15,230	12,320			*10,630	7,980			*8,160	7,050	(21.8)
-4.5 m (-15 ft)	kg			*7,420	*7,420	*4,910	*4,910									
	lb			*16,360	*16,360	*10,820	*10,820									

5.10 m (16' 9") / Arm : 2.60 m (8' 6") / Bucket : 0.76 m³ (0.92 yd³) SAE heaped / Shoe : 600mm(24") triple grouser, Dozer up













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						

LIFTING CAPACITY













 Rating over-front  Rating over-side or 360 degree

HX180LD - 2 PIECE BOOM

5.10 m (16' 9") / Arm : 2.20 m (7' 3") / Bucket : 0.76 m³ (0.92 yd³) SAE heaped / Shoe : 600mm(24") triple grouser, Dozer up

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 (20 ft)	kg										*3,680	3,020	7.06	
	lb										*8,110	6,660	(23.2)	
4.5 m (15 ft)	kg						*4,110	3,920			*3,640	2,460	7.83	
	lb						*9,060	8,640			*8,020	5,420	(25.5)	
3.0 m (10 ft)	kg					*5,800	*5,800	*4,560	3,770		*3,660	2,220	8.21	
	lb					*12,790	*12,790	*10,050	8,310		*8,070	4,890	(26.9)	
1.5 m (5 ft)	kg					*6,940	5,570	*5,080	3,600	*3,390	2,510	*3,700	2,150	8.27
	lb					*15,300	12,280	*11,200	7,940	*7,470	5,530	*8,160	4,740	(27.1)
Ground Line	kg		*6,260	*6,260	*7,520	5,330	*5,390	3,470			*3,720	2,250	8.01	
	lb		*13,800	*13,800	*16,580	11,750	*11,880	7,650			*8,200	4,960	(26.3)	
-1.5 m (-5 ft)	kg	*6,250	*6,250	*10,390	10,280	*7,360	5,270	*5,270	3,430		*3,640	2,570	7.39	
	lb	*13,780	*13,780	*22,910	22,660	*16,230	11,620	*11,620	7,560		*8,020	5,670	(24.2)	
-3.0 m (-10 ft)	kg			*9,080	*9,080	*6,340	5,350				*3,240	*3,240	6.28	
	lb			*20,020	*20,020	*13,980	11,790				*7,140	*7,140	(20.6)	

5.10 m (16' 9") / Arm : 2.20 m (7' 3") / Bucket : 0.76 m³ (0.92 yd³) SAE heaped / Shoe : 600mm(24") triple grouser, Dozer down



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 (20 ft)	kg										*3,680	3,190	7.06	
	lb										*8,110	7,030	(23.2)	
4.5 m (15 ft)	kg						*4,110	*4,110			*3,640	2,610	7.83	
	lb						*9,060	*9,060			*8,020	5,750	(25.5)	
3.0 m (10 ft)	kg					*5,800	*5,800	*4,560	3,990		*3,660	2,350	8.21	
	lb					*12,790	*12,790	*10,050	8,800		*8,070	5,180	(26.9)	
1.5 m (5 ft)	kg					*6,940	5,910	*5,080	3,810	*3,390	2,660	*3,700	2,280	8.27
	lb					*15,300	13,030	*11,200	8,400	*7,470	5,860	*8,160	5,030	(27.1)
Ground Line	kg		*6,260	*6,260	*7,520	5,330	*5,390	3,680			*3,720	2,390	8.01	
	lb		*13,800	*13,800	*16,580	11,750	*11,880	8,110			*8,200	5,270	(26.3)	
-1.5 m (-5 ft)	kg	*6,250	*6,250	*10,390	*10,390	*7,360	5,610	*5,270	3,640		*3,640	2,730	7.39	
	lb	*13,780	*13,780	*22,910	*22,910	*16,230	12,370	*11,620	8,020		*8,020	6,020	(24.2)	
-3.0 m (-10 ft)	kg			*9,080	*9,080	*6,340	5,690				*3,240	*3,240	6.28	
	lb			*20,020	*20,020	*13,980	12,540				*7,140	*7,140	(20.6)	

1. Lifting capacity are based on 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

HX180LD - 2 PIECE BOOM

5.10 m (16' 9") / Arm : 2.60 m (8' 6") / Bucket : 0.76 m³ (0.92 yd³) SAE heaped / Shoe : 600mm(24") triple grouser, Dozer up

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 (20 ft)	kg												*3,380	2,740	7.48						
	lb												*7,450	6,040	(24.5)						
4.5 m (15 ft)	kg												*3,370	2,270	8.20						
	lb												*7,430	5,000	(26.9)						
3.0 m (10 ft)	kg									*4,280	3,790	*3,190	2,570	*3,410	2,040	8.57					
	lb									*9,440	8,360	*7,030	5,670	*7,520	4,500	(28.1)					
1.5 m (5 ft)	kg									*7,050	*7,050	*6,590	5,600	*4,860	3,590	*3,980	2,490	8.62			
	lb									*15,540	*15,540	*14,530	12,350	*10,710	7,910	*8,770	5,490	(28.3)			
Ground Line	kg									*7,110	*7,110	*7,360	5,310	*5,270	3,440	*3,980	2,430	*3,510	2,060	8.37	
	lb									*15,670	*15,670	*16,230	11,710	*11,620	7,580	*8,770	5,360	*7,740	4,540	(27.5)	
-1.5 m (-5 ft)	kg	*6,090	*6,090	*10,020	*10,020	*7,410	5,200	*5,300	3,370					*3,500	2,320	*7,720	5,110	*3,500	2,320	7.78	
	lb	*13,430	*13,430	*22,090	*22,090	*16,340	11,460	*11,680	7,530					*7,720	5,110	*17,230	11,240	*7,720	5,110	(25.5)	
-3.0 m (-10 ft)	kg	*9,550	*9,550	*9,790	*9,790	*6,670	5,240	*4,630	3,410					*3,280	2,960	*7,230	6,530	*3,280	2,960	6.76	
	lb	*21,050	*21,050	*21,580	*21,580	*14,700	11,550	*10,210	7,520					*7,230	6,530			*7,230	6,530	(22.2)	
-4.5 m (-15 ft)	kg																				
	lb																				

5.10 m (16' 9") / Arm : 2.60 m (8' 6") / Bucket : 0.76 m³ (0.92 yd³) SAE heaped / Shoe : 600mm(24") triple grouser, Dozer down

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 (20 ft)	kg												*3,380	2,890	7.48						
	lb												*7,450	6,370	(24.5)						
4.5 m (15 ft)	kg												*3,370	2,400	8.20						
	lb												*7,430	5,290	(26.9)						
3.0 m (10 ft)	kg									*4,280	4,000	*3,190	2,730	*3,410	2,170	8.57					
	lb									*9,440	8,820	*7,030	6,020	*7,520	4,780	(28.1)					
1.5 m (5 ft)	kg									*7,050	*7,050	*6,590	5,940	*4,860	3,800	*3,980	2,640	*3,470	2,100	8.62	
	lb									*15,540	*15,540	*14,530	13,100	*10,710	8,380	*8,770	5,820	*7,650	4,630	(28.3)	
Ground Line	kg									*7,110	*7,110	*7,360	5,650	*5,270	3,650	*3,980	2,580	*3,510	2,190	8.37	
	lb									*15,670	*15,670	*16,230	12,460	*11,620	8,050	*8,770	5,690	*7,740	4,830	(27.5)	
-1.5 m (-5 ft)	kg	*6,090	*6,090	*10,020	*10,020	*7,410	5,540	*5,300	3,580					*3,500	2,460	*7,720	5,420	*3,500	2,460	7.78	
	lb	*13,430	*13,430	*22,090	*22,090	*16,340	12,210	*11,680	7,890					*7,720	5,420	*17,230	11,240	*7,720	5,420	(25.5)	
-3.0 m (-10 ft)	kg	*9,550	*9,550	*9,790	*9,790	*6,670	5,580	*4,630	3,620					*3,280	3,130	*7,230	6,900	*3,280	3,130	6.76	
	lb	*21,050	*21,050	*21,580	*21,580	*14,700	12,300	*10,210	7,980					*7,230	6,900			*7,230	6,900	(22.2)	
-4.5 m (-15 ft)	kg																				
	lb																				

1. Lifting capacity are based on 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.