

▲ HYUNDAI CONSTRUCTION EQUIPMENT

PLEASE CONTACT

Gross Power 173 HP(129 kW) at 2,200 rpm

Net Power 170 HP(127 kW) at 2,200 rpm

Bucket Capacity 0.80 ~ 1.34 m³

Operating Weight 22,100 kg / 48,720 lb

HX220AL



HX220AL

WHAT'S NEWEST AND BEST

THE BEST PRODUCTIVITY AND FUEL EFFICIENCY

- EU STAGE V Engine NEW
- Eco Report NEW
- Lifting Mode NEW
- EPFC System NEW
- Fuel Rate Information
- Eco Gauge
- Automatic Engine Shutdown

ULTIMATE DURABILITY

- Side Protector Option
- ROPS / FOG Cabin
- Reinforced Durability of Upper and Lower Structure and Attachments
- Durable Cooling Module

EASY CONTROL AND COMFORTABLE OPERATION

- Key On Init Work Mode NEW
- Visibility and Handle Improvement NEW
- One Pedal Travel Straight Option
- Proportional Auxiliary Hydraulic System Option
- 2 Way Proportional RCV & Pedal Control Selection Option
- Fine (Cushion/Free) Swing Control Option
- Intelligent & Wide Cluster
- Jog Dial Module
- OME(Owner Menu Editing)
- Combination Speed





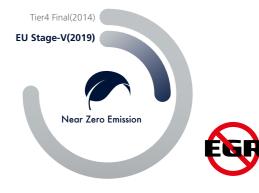


EU STAGE V CERTIFIED ENGINE

Cummins B6.7 engine is satisfying the most strict environmental emission regulation in the world. (Reduction in PM 60%)

EU STAGE V Engine NEW

Now in its fourth decade of continuousimprovement, the B6.7 for 2019 features an EGR-free design that delivers 5 percent more power and 31 percent more peak torque than the current model. Increased fuel economy and longer maintenance intervals contribute to a reduced cost of operation.



EPFC System(Electric Positive Flow Control) NEW

The advanced hydraulic system and controls based on electric positive flow control system achieve the lowest fuel consumption and improved fine control. Pump power is precisely variable controlled through recognition of lever manipulation amount and specific complex operations.





We make the best performance in rough working conditions without any unsureness with trustworthy HX220A L.



HX A Series is equipment with eco-friendly, high-performance engines that meet the EU Stage V emission requirement. Become a true leader on the ground with HX A Series.

ROPS / FOG Cabin

The cabin structure of Hyundai HX A Series is using integrally welded low-stress, high strength steel to meet ROPS and FOG certification.

• ROPS: Roll-Over Protective Structures ISO12117-2 • FOG: Falling Object Guard, ISO10262 Level2



Reinforced Durability of Upper and Lower Structure and Attachments

The upper and lower structure and attachments of HX A 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.



Durable Cooling Module

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



Side Protector Option

Protect sides frame during operation in narrow area





Intelligent & Wide Cluster

The 8" capacitive-type display(like smartphone display) of HX A Series is delivering excellent legibility. The centralized switches on the display allow convenience of checking the urea level and temperature outside the cabin.

One Pedal Travel Straight Option

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



Proportional Auxiliary Hydraulic System Option

Proportional control switch with better speed control helps operators to enlarge the operation convenience whenever they do time-consuming work.

Jog Dial Module

The integrated jog dial module applies to the accelerator, remote air conditioner controller and operation of the cluster, allowing convenient operation. In the event of failure of the jog dial module,

the jog dial module, the emergency mode is activated on the cluster to ensure failsafe function.



Key On Init Work Mode NEW

Operator can maintain previously set about attachment mode when starting.



Visibility and Handle Improvement **NEW**

Visibility through cabin door is improved and handle design on the cabin door is also improved and offers better convenient while operator get on and off the cabin.



OME(Owner Menu Editing)

The Owner of machine can restrict operators access the set of functions. In the menu. Owner can set the list of the function to lock or unlock it. It is necessary to input the password to access the set of function.





Combination Speed

Operator can set load sensitivity level, boom priority level against arm and swing. Load sensitivity is controlled by 5 levels of initial flow rate for boom-up and arm-i operation according to attachment weight. Boom priority against arm and swing can be set 10 levels of boon priority against arm and swing.





HX220A L with advanced technology ensures our safety on a construction site.

HX A Series excavators are products of HCE's spirit of initiative, creativity, and strong drive. HCE engineers, who are the best in the industry, have worked tirelessly to offer a zero-defect product. The new HX A Series reflects customers' needs in the field gleaned by thorough monitoring.

Auto Safety Lock NEW

It prevents unintended operation. If operator unlock safety lever when RCV lever is pressed, excavator is not controlled by RCV lever.



AAVM(Advanced Around View Monitoring) Camera System Option

HX A 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.

- **AAVM**(Advanced 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).





Seatbelt Warning Alarm

If the seatbelt is not buckled when the ignition key is turned, an alarm is triggered in intervals along with a continuous visual alert. This emphasises our priority for operator safety.

Cabin Suspension Mount

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





ECD(Engine Connected Diagnostics) NEW

It supports service technician with remote diagnostics report and ensure it arrive on site with proper tools after preparing in advance.







Urea Tank Cover Upgrade

Urea Tank Cover with full open type help operator fill urea into the tank directly and more conveniently.



Mobile Fleet App.

The new Mobile App is optimized to fleet management. It provides productivity, health insights based on telematics technology and enables fleet owner just focus on most wanted equipment in view of economical usage, utilization, fault codes and maintenance. The new Mobile App sorts equipment in order of eco-index utilization-in-

The new Mobile App sorts equipment in order of eco-index, utilization-index and fault code level automatically so that urgent equipment pops up automatically.



Connected Diagnostics

HCE-DT Air connect you and your equipment wirelessly via smartphone and laptop right on site. You can diagnose root causes and troubleshoot for fault codes through the connection. Engine connected diagnostics is a kind of cooperated remote diagnostics service between Cummins cloud and Hi MATE cloud. It enables you get engine diagnostics report by cloud based fault code analysis in real-time and prepare parts, tools necessary in advance. It will help increase first visit fix rates.

SPECIFICATIONS

ENGINE			
Maker / Model	Cummins B6.7		
Type	Turbocharged, Charge Air Cooled, Diesel Engine		
Gross Power (SAE J1995)	173 HP (129 kW) at 2,200 rpm		
Net Power (SAE J1349)	170 HP (127 kW) at 2,200 rpm		
Max. Power	195 HP (145kW) at 2,000 rpm		
Peak Torque	881 N·m (650 lb·ft) at 1,300 rpm		
Displacement	6,700 cc (408 cu in)		

HYDRAULIC SYSTEM

MAIN PUMP

Туре	Variable Displacement Tandem Axis Piston Pumps
Max. Flow	2 × 221 lpm
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

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/cm² (5,400 psi)	
Swing Circuit	265 kgf/cm ² (3,770 psi)	
Pilot Circuit	40 kgf/cm ² (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

^{*} Hyundai Bio Hydraulic Oil (HBHO) available.

DRIVES & BRAKES	
Drive Method	Fully Hydrostatic Type
Drive Motor	Axial Piston Motor, In-Shoe Design
Reduction System	Planetary Reduction Gear
Max. Drawbar Pull	20,800 kgf (45,860 lbf)
Max. Travel Speed (High / Low)	5.4 km/hr (3.4 mph) / 3.5 km/hr (2.2 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, Boom and Bucke	
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	11.4 rpm

CAPACITIES			
	liter	US gal	UK gal
Fuel Tank	400	105.7	88
Engine Coolant	40	10.6	8.8
Engine Oil	23.1	6.1	5.1
Swing Device	6.2	1.6	1.36
Final Drive (Each)	4.5	1.2	1
Hydraulic System (Including Tank)	275	72.6	60.5
Hydraulic Tank	160	42.3	34.1
DEF/AdBlue®	48	12.6	10.5

UNDERCARRIAGE

The X-leg type center frame is integrally welded with reinforced box-section track frames. The undercarriage includes lubricated rollers, idlers, track adjusters with shock absorbing springs and sprockets, and a track chain with double or triple grouser shoes.

Center Frame	X - Leg Type		
Track Frame	Pentagonal Box Type		
No. of Shoes on Each Side	49 EA		
No. of Carrier Roller on Each Side	2 EA		
No. of Track Roller on Each Side	9 EA		
No. of Rail Guard on Each Side	2 EA		

OPERATING WEIGHT (APPROXIMATE)

Operating weight, including 5,680 mm (18' 8") boom, 2,920 mm (9' 7") arm, SAE heaped 0.92 m³ (1.20 yd³) bucket, lubricant, coolant, full fuel tank, full hydraulic tank, and all standard equipments.

OPERATING WEIGHT

Shoes		Operating Weight		Ground Pressure
Туре	Width mm (in)	kg (lb)		kgf/cm² (psi)
	600	HX220A L	22,100 (48,720)	0.47 (6.71)
	(24")	HX220A L HW	23,560 (51,940)	0.50 (7.15)
	700	HX220A L	22,380 (49,340)	0.41 (5.82)
	(28")	HX220A L HW	23,840 (52,560)	0.44 (6.20)
Triple Grouser	800 (32")	HX220A L	22,660 (49,960)	0.36 (5.16)
G. Gusc.		HX220A L HW	24,120 (53,170)	0.39 (5.49)
		HX220A LR	25,420 (56,040)	0.41 (5.79)
	900 (36")	HX220A L	22,940 (50,570)	0.33 (4.64)
		HX220A L HW	24,400 (53,790)	0.35 (4.94)
Double Grouser	700 (28")	HX220A L HW	24,040 (53,000)	0.44 (6.25)

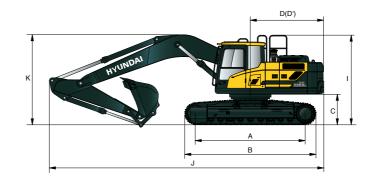
AIR CONDITIONING SYSTEM

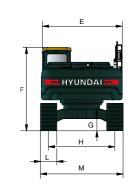
The air condition system for the machine contains the fluorinated greenhouse gas with global warming potential of R134a. (Global Warming Potential: 1,430) The system hold 0.75kg refrigerant consisting of a CO₂ of 1.07 metric tonnes. For more information, Please refer to the manual.

DIMENSIONS & WORKING RANGE

HX220A L DIMENSIONS

5.68 m (18' 8") BOOM and 2.0 m (6' 7"), 2.4 m (7' 10"), 2.92 m (9' 7"), 3.9 m (12' 10") ARM





5,680 (18' 8")

2,920

3,190

(10' 6")

2,400

Unit: mm (ft·in)

3,900

Α	Tumbler Distance	3,650 (12' 0")
В	Overall Length of Crawler	4,404 (14' 4")
*C	Ground Clearance of Counterweight	1,060 (3' 6")
D	Tail Swing Radius	2,890 (9' 5")
D'	Rear-End Length	2,770 (9' 1")
E	Overall Width of Upperstructure	2,740 (9' 0")
*F	Overall Height of Cab	3,000 (9' 8")
*G	Min. Ground Clearance	470 (1' 7")
Н	Track Gauge	2,390 (7' 10")
*	Overall Height of Guardrail	3,210 (10' 5")

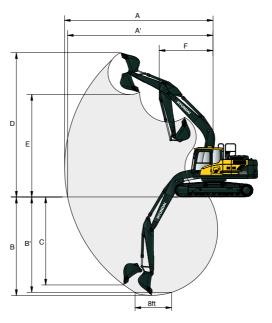
Rear-End Length	2,770 (9' 1")
Overall Width of Upperstructure	2,740 (9' 0")
Overall Height of Cab	3,000 (9' 8")
Min. Ground Clearance	470 (1' 7")
Track Gauge	2,390 (7' 10")

L	Track Shoe Width	600 (24")	700 (28")
М	Overall Width	2,990 (9' 10")	3,090 (10' 2")

Boom Length

2,000

HX220A L WORKING RANGE



	Boom Length	5,680 (18' 8")				
	Arm Length	2,000 (6' 7")	2,400 (7' 10")	2,920 (9' 7")	3,900 (12' 10")	
Α	Max. Digging	9,140	9,500	9,980	10,910	
	Reach	(30' 0")	(31' 2")	(32' 9")	(35' 10")	
A'	Max. Digging	8,960	9,330	9,820	10,770	
	Reach on Ground	(29' 5")	(30' 7")	(32' 3")	(35' 4")	
В	Max. Digging	5,820	6,220	6,730	7,720	
	Depth	(19' 1")	(20' 5")	(22' 1")	(25' 4")	
B'	Max. Digging	5,580	6,010	6,560	7,580	
	Depth (8' Level)	(18' 4")	(19' 9")	(21' 6")	(24' 10")	
С	Max, Vertical Wall	5,280	5,720	6,280	7,240	
	Digging Depth	(17' 4")	(18' 9")	(20' 7")	(23' 9")	
D	Max. Digging	9,140	9,340	9,600	10,110	
	Height	(30' 0")	(30' 8")	(31' 6")	(33' 2")	
E	Max. Dumping	6,330	6,520	6,780	7,290	
	Height	(20' 9")	(21' 5")	(22' 3")	(23' 11")	
F	Min. Swing Radius	3,750 (12' 4")	3,740 (12' 3")	3,670 (12' 0")	3,700 (12' 2")	

Unit: mm (ft·in)

3,290

(10' 10")

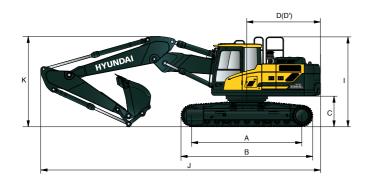
Arm Length (6' 7") (7' 10") (9' 7") (12' 10") 9,650 9,570 9,530 9,520 J Overall Length (31' 8") (31' 5") (31' 3") (31' 3") 3,200 3,110 3,030 3,480 *K Overall Height of Boom (10' 6") (9['] 11") (10' 2") (11' 5") 900 (36") (32")

^{*} This figure includes the size of grousers.

DIMENSIONS & WORKING RANGE

HX220A L 2-PIECE BOOM DIMENSIONS

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





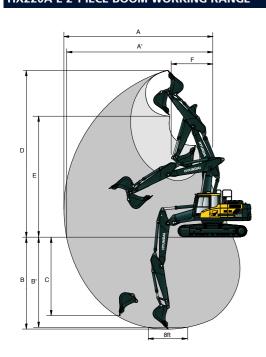
Unit∶mm (ft·in)

Unit∶mm (ft·in)

A Tumbler Distance	3,650 (12' 0")
B Overall Length of Crawler	4,404 (14' 4")
*C Ground Clearance of Counterweigh	nt 1,060 (3' 6")
D Tail Swing Radius	2,890 (9' 5")
D' Rear-End Length	2,770 (9' 1")
E Overall Width of Upperstructure	2,740 (9' 0")
*F Overall Height of Cab	3,000 (9' 8")
*G Min. Ground Clearance	470 (1' 7")
H Track Gauge	2,390 (7' 10")
*I Overall Height of Guardrail	3,210 (10' 5")

Boom Length	5,650 2-Piece (18' 5")				
Arm Length	2,000 (6' 7")		400 10")	2,920 (9' 7")	
J Overall Length	9,650 (31' 8")		.570 1' 5")	9,530 (31' 3")	
*K Overall Height of Boom	3,200 (10' 6")	- 1	,110 0' 2")	3,030 (9' 11")	
L Track Shoe Width	600 (24")	700 (28")	800 (32")	900 (36")	
M Overall Width	2,990 (9' 10")	3,090 (10' 2")	3,190 (10' 6")	3,290 (10' 10")	

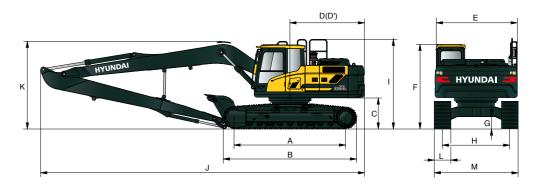
HX220A L 2-PIECE BOOM WORKING RANGE



	Boom Length		5,650 2-Piece (18' 5")	
	Arm Length	2,000 (6' 7")	2,400 (7' 10")	2,920 (9' 7")
Α	Max. Digging Reach	9,120 (29' 11")	9,530 (31' 3")	10,020 (32' 10")
A'	Max. Digging Reach on Ground	8,950 (29' 4")	9,360 (30' 8")	9,860 (32' 4")
В	Max. Digging Depth	5,480 (18' 0")	5,880 (19' 3")	6,400 (21' 0")
B'	Max. Digging Depth (8' Level)	5,360 (17' 7")	5,770 (18' 11")	6,290 (20' 8")
C	Max. Vertical Wall Digging Depth	4,540 (14' 11")	5,020 (16' 6")	5,560 (18' 3")
D	Max. Digging Height	10,310 (33' 10")	10,670 (35' 0")	11,090 (36' 5")
Ε	Max. Dumping Height	7,390 (24' 3")	7,750 (25' 5")	8,160 (26' 9")
F	Min. Swing Radius	2,870 (9' 5")	2,660 (8' 9")	2,530 (8' 4")

HX220A L LONG REACH DIMENSIONS

8.2 m (26' 11") BOOM and 6.3 m (20' 8") ARM

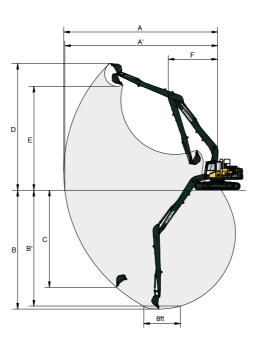


Unit∶mm (ft·in)

Α	Tumbler Distance	3,650 (12' 0")
В	Overall Length of Crawler	4,404 (14' 4")
*C	Ground Clearance of Counterweight	1,060 (3' 6")
D	Tail Swing Radius	2,890 (9' 5")
D'	Rear-End Length	2,770 (9' 1")
E	Overall Width of Upperstructure	2,740 (9' 0")
*F	Overall Height of Cab	3,000 (9' 8")
*G	Min. Ground Clearance	470 (1' 7")
Н	Track Gauge	2,390 (7' 10")
*	Overall Height of Guardrail	3,210 (10' 5")

	Boom Length	8,200 (26' 11")
	Arm Length	6,300 (20' 8")
J	Overall Length	12,030 (39' 6")
*K	Overall Height Of Boom	3,280 (10' 9")
L	Track Shoe Width	800 (32")
М	Overall Width	3,190 (10' 6")

HX220A L LONG REACH WORKING RANGE



	Unit∶mm (ft·in)
Boom Length	8,200 (26' 11")
Arm Length	6,300 (20' 8")
A Max. Digging Reach	15,220 (50' 0")
A' Max. Digging Reach On Ground	15,120 (49' 7")
B Max. Digging Depth	11,760 (38' 7")
B' Max. Digging Depth (8' Level)	11,650 (38' 3")
C Max. Vertical Wall Digging Depth	9,610 (31' 6")
D Max. Digging Height	12,550 (41' 2")
E Max. Dumping Height	10,280 (33' 8")
F Min. Swing Radius	4,870 (16' 0")

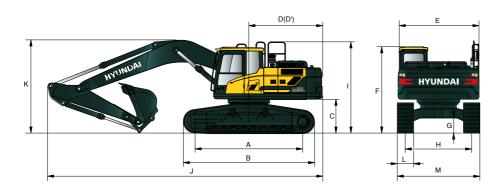
^{*} This figure includes the size of grousers.

^{*} This figure includes the size of grousers.

DIMENSIONS & WORKING RANGE

HX220A L HIGH WALKER DIMENSIONS

5.68 m (18' 8") BOOM and 2.0 m (6' 7"), 2.4 m (7' 10"), 2.92 m (9' 7"), 3.9 m (12' 10") ARM



Boom Length

M Overall Width

Unit	:	mm	(ft ·	· in

A Tumb	ler Distance	3,650 (12' 0")
B Overa	all Length of Crawler	4,404 (14' 4")
*C Groun	nd Clearance of Counterweight	1,260 (4' 1")
D Tail S	wing Radius	2,890 (9' 5")
D' Rear-	End Length	2,770 (9' 1")
E Overa	all Width of Upperstructure	2,740 (9' 0")
*F Overa	all Height of Cab	3,200 (10'5")
*G Min. 0	Ground Clearance	660 (2' 2")
H Track	Gauge	2,795 (9' 2")
*I Overa	all Height of Guardrail	3,410 (11' 2")

	Arm Length		2,000 (6' 7")	2,400 (7' 07)	2,920 (9' 7")	3,900 (12' 10")
J	J Overall Length		9,650 (31' 8")	9,550 (31' 4")	9,470 (31' 1")	9,560 (31' 4")
*K	CVerall Height of Boom		3,290 (10' 10")	3,170 (10' 5")	3,060 (10' 0")	3,450 (11' 4")
I Tuesda Chara		Туре		Triple grous	ser	Double grouser
L	Track Shoe	Width	600 (24")		00 900 32") (36")	700 (28")

3,495

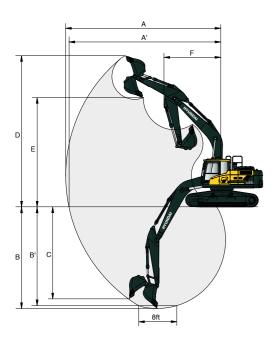
5,680 (18' 8")

3,595

(11' 2") (11' 6") (11' 10") (12' 2") (11' 6")

3,695

HX220A L HIGH WALKER WORKING RANGE



	Boom Length		5,680	(18' 8")	
	Arm Length	2,000 (6' 7")	2,400 (7' 10")	2,920 (9' 7")	3,900 (12' 10")
Α	Max. Digging	9,140	9,500	9,980	10,910
	Reach	(30' 0")	(31' 2")	(32' 9")	(35' 10")
A'	Max. Digging	8,920	9,290	9,820	10,730
	Reach on Ground	(29' 3")	(30' 6")	(32' 3")	(35' 2")
В	Max. Digging	5,630	6,010	6,550	7,530
	Depth	(18' 6")	(19' 9")	(21' 6")	(24' 8")
B'	Max. Digging	5,390	5,820	6,380	7,390
	Depth (8' Level)	(17' 8")	(19' 1")	(20' 11")	(24' 3")
С	Max. Vertical Wall	5,090	5,630	6,100	7,050
	Digging Depth	(16' 8")	(18' 6")	(20' 0")	(23' 1")
D	Max. Digging	9,330	9,530	9,780	10,300
	Height	(30' 7")	(31' 3")	(32' 1")	(33' 9")
E	Max. Dumping	6,520	6,710	6,960	7,480
	Height	(21' 5")	(22' 0")	(22' 10")	(24' 6")
F	Min. Swing Radius	3,750 (12' 4")	3,740 (12' 3")	3,670 (12' 0")	3,700 (12' 2")

LIFTING CAPACITY

Rating over-front Rating over-side or 360 degree

HX220A L

5.68 m (18'8") Mono boom, 2.00 m (6'7") arm equipped with 0.92 m³ (SAE heaped) bucket triple grouser shoe.

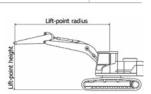
					Lift ra	adius				At	max. reach	1
Lift po heigh		3.0 m (9	.8 ft)	4.5 m (1	4.8 ft)	6.0 m (1	9.7 ft)	7.5 m (2	4.6 ft)	Capac	ity	Reach
m (ft		ф	₽	ф	₽	ф	₽	ф	₽	ф	₽	m (ft)
7.5 m	kg									*5,720	*5,720	5.00
(24.6 ft)	lb									*12,610	*12,610	(16.4)
6.0 m	kg					*5,460	5,440			*5,530	4,940	6.35
(19.7 ft)	lb					*12,040	11,990			*12,190	10,890	(20.8)
4.5 m	kg			*6,900	*6,900	*5,810	5,310			*5,570	4,040	7.14
(14.8 ft)	lb			*15,210	*15,210	*12,810	11,710			*12,280	8,910	(23.4)
3.0 m	kg			*8,690	7,640	*6,540	5,090	5,640	3,670	5,580	3,630	7.55
(9.8 ft)	lb			*19,160	16,840	*14,420	11,220	12,430	8,090	12,300	8,000	(24.8)
1.5 m	kg					*7,270	4,880	5,550	3,590	5,400	3,500	7.64
(4.9 ft)	lb					*16,030	10,760	12,240	7,910	11,900	7,720	(25.1)
Ground	kg			*10,520	7,090	7,580	4,760			5,580	3,590	7.43
Line	lb			*23,190	15,630	16,710	10,490			12,300	7,910	(24.4)
-1.5 m	kg			*10,220	7,100	7,560	4,750			6,230	3,980	6.88
(-4.9 ft)	lb			*22,530	15,650	16,670	10,470			13,730	8,770	(22.6)
-3.0 m	kg	*12,370	*12,370	*9,130	7,240					*6,670	4,980	5.90
(-9.8 ft)	lb	*27,270	*27,270	*20,130	15,960					*14,700	10,980	(19.4)
-4.5 m	kg											
(-14,8 ft)	lb											

5.68 m (18' 8") Mono boom, 2.40 m (7' 10") arm equipped with 0.92 m³ (SAE heaped) bucket triple grouser shoe.

					Lift ra	adius				At	max. reach	
Lift po heigh		3.0 m (9	.8 ft)	4.5 m (14	4.8 ft)	6.0 m (1	9.7 ft)	7.5 m (24	4.6 ft)	Capac	ity	Reach
m (ft		ι μ	₽	ψ	₽	ф	₽	ſή	‡	ľή	‡	m (ft)
7.5 m	kg	0		0		0		0		*5,080	*5,080	5.58
(24.6 ft)	lb									*11,200	*11,200	(18.3)
6.0 m	kg					*5,010	*5,010			*4,610	4,430	6.82
(19.7 ft)	lb					*11,050	*11,050			*10,160	9,770	(22.4)
4.5 m	kg			*6,350	*6,350	*5,450	5,340	*5,000	3,750	*4,490	3,700	7.55
(14.8 ft)	lb			*14,000	*14,000	*12,020	11,770	*11,020	8,270	*9,900	8,160	(24.8)
3.0 m	kg			*8,150	7,740	*6,230	5,110	*5,420	3,670	*4,580	3,360	7.94
(9.8 ft)	lb			*17,970	17,060	*13,730	11,270	*11,950	8,090	*10,100	7,410	(26.1)
1.5 m	kg			*9,710	7,270	*7,030	4,880	5,530	3,570	*4,860	3,230	8.03
(4.9 ft)	lb			*21,410	16,030	*15,500	10,760	12,190	7,870	*10,710	7,120	(26.3)
Ground	kg			*10,410	7,060	7,550	4,730	5,460	3,500	5,140	3,310	7.83
Line	lb			*22,950	15,560	16,640	10,430	12,040	7,720	11,330	7,300	(25.7)
-1.5 m	kg	*10,830	*10,830	*10,330	7,040	7,500	4,690			5,660	3,620	7.31
(-4.9 ft)	lb	*23,880	*23,880	*22,770	15,520	16,530	10,340			12,480	7,980	(24.0)
-3.0 m	kg	*13,260	*13,260	*9,490	7,140	*6,960	4,770			*6,300	4,390	6.40
(-9.8 ft)	lb	*29,230	*29,230	*20,920	15,740	*15,340	10,520			*13,890	9,680	(21.0)
-4.5 m	kg			*7,150	*7,150					*6,320	*6,320	4.89
(-14,8 ft)	lb			*15,760	*15,760					*13,930	*13,930	(16.0)

- | 1 | Lifting capacity are based on ISO 10567. | 2 | Lifting capacity of HX A Series does not exceed 75% of tipping load with the machine on firm, level ground or 87% of full hydraulic capacity.

 13 | The Lift-point is bucket pivot mounting pin on the arm(without bucket mass).
- | 4 | (*) indicates load limited by hydraulic capacity.



^{*} This figure includes the size of grousers.

LIFTING CAPACITY

Rating over-front Rating over-side or 360 degree

HX220A L

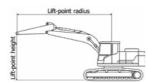
5.68 m (18'8") Mono boom, 2.92 m (9'7") arm equipped with 0.92 m³ (SAE heaped) bucket triple grouser shoe.

						Lift ra	dius					At	max. reac	h
Lift poi		1.5 m (4.9 ft)	3.0 m (9.8 ft)	4.5 m (1	14.8 ft)	6.0 m (1	19.7 ft)	7.5 m (2	24.6 ft)	Capa	city	Reach
heigh m (ft		ф	#	ф	ŧ	t)	ŧ	ф	ŧ	t [†]	#	ф	#	m (ft)
7.5 m	kg							*4,460	*4,460			*3,370	*3,370	6.26
(24.6 ft)	lb							*9,830	*9,830			*7,430	*7,430	(20.5)
6.0m	kg							*4,460	*4,460			*3,100	*3,100	7.38
(19.7 ft)	lb							*9,830	*9,830			*6,830	*6,830	(24.2)
4.5 m	kg							*4,970	*4,970	*4,710	3,780	*3,020	*3,020	8.07
(14.8 ft)	lb							*10,960	*10,960	*10,380	8,330	*6,660	*6,660	(26.5)
3.0 m	kg					*7,410	*7,410	*5,800	5,140	*5,070	3,670	*3,070	3,050	8.43
(9.8 ft)	lb					*16,340	*16,340	*12,790	11,330	*11,180	8,090	*6,770	6,720	(27.7)
1.5 m	kg					*9,140	7,340	*6,680	4,890	*5,520	3,550	*3,250	2,940	8.51
(4.9 ft)	lb					*20,150	16,180	*14,730	10,780	*12,170	7,830	*7,170	6,480	(27.9)
Ground	kg			*5,930	*5,930	*10,140	7,040	*7,330	4,700	5,410	3,450	*3,590	2,990	8.32
Line	lb			*13,070	*13,070	*22,350	15,520	*16,160	10,360	11,930	7,610	*7,910	6,590	(27.3)
-1.5 m	kg	*6,500	*6,500	*10,400	*10,400	*10,350	6,950	7,440	4,620	5,380	3,420	*4,200	3,230	7.84
(-4.9 ft)	lb	*14,330	*14,330	*22,930	*22,930	*22,820	15,320	16,400	10,190	11,860	7,540	*9,260	7,120	(25.7)
-3.0 m	kg	*11,120	*11,120	*14,180	13,660	*9,820	7,010	*7,250	4,650			*5,420	3,800	7.00
(-9.8 ft)	lb	*24,520	*24,520	*31,260	30,120	*21,650	15,450	*15,980	10,250			*11,950	8,380	(23.0)
-4.5 m	kg			*11,610	*11,610	*8,190	7,220					*6,080	5,250	5.65
(-14,8 ft)	lb			*25,600	*25,600	*18,060	15,920					*13,400	11,570	(18.5)

5.68 m (18' 8") Mono boom, 3.90 m (12' 9") arm equipped with 0.92 m³ (SAE heaped) bucket triple grouser shoe.

							Lift ra	adius						At	max. rea	ch
Lift po heigh		1.5 m (4.9 ft)	3.0 m (9.8 ft)	4.5 m (14.8 ft)	6.0 m (19.7 ft)	7.5 m (2	4.6 ft)	9.0 m (2	9.5 ft)	Capa	city	Reach
m (ft		ιή	#	ť	#	ľή	#	ſή	#	ľή	# >	ľή	+ >	ιή	#	m (ft)
7.5 m	kg	0		0		0		0		0		0		*2,330	*2,330	7.49
(24.6 ft)	lb													*5,140	*5,140	(24.6)
6.0 m	kg									*3,680	*3,680			*2,170	*2,170	8.44
(19.7 ft)	lb									*8,110	*8,110			*4,780	*4,780	(27.7)
4.5 m	kg									*3,920	3,820	*2,330	*2,330	*2,120	*2,120	9.05
(14.8 ft)	lb									*8,640	8,420	*5,140	*5,140	*4,670	*4,670	(29.7)
3.0 m	kg					*5,890	*5,890	*4,880	*4,880	*4,370	3,680	*3,530	2,710	*2,150	*2,150	9.37
(9.8 ft)	lb					*12,990	*12,990	*10,760	*10,760	*9,630	8,110	*7,780	5,970	*4,740	*4,740	(30.7)
1.5 m	kg			*8,630	*8,630	*7,850	7,470	*5,870	4,900	*4,920	3,510	*4,080	2,630	*2,250	*2,250	9.45
(4.9 ft)	lb			*19,030	*19,030	*17,310	16,470	*12,940	10,800	*10,850	7,740	*8,990	5,800	*4,960	*4,960	(31.0)
Ground	kg			*7,210	*7,210	*9,310	7,000	*6,730	4,640	5,330	3,370	*3,890	2,570	*2,440	*2,440	9.28
Line	lb			*15,900	*15,900	*20,530	15,430	*14,840	10,230	11,750	7,430	*8,580	5,670	*5,380	*5,380	(30.4)
-1.5 m	kg	*5,430	*5,430	*9,370	*9,370	*10,030	6,770	*7,260	4,480	5,240	3,280			*2,780	2,610	8.85
(-4.9 ft)	lb	*11,970	*11,970	*20,660	*20,660	*22,110	14,930	*16,010	9,880	11,550	7,230			*6,130	5,750	(29.0)
-3.0 m	kg	*8,510	*8,510	*13,040	*13,040	*10,030	6,730	7,250	4,440	5,220	3,270			*3,380	2,950	8.12
(-9.8 ft)	lb	*18,760	*18,760	*28,750	*28,750	*22,110	14,840	15,980	9,790	11,510	7,210			*7,450	6,500	(26.6)
-4.5 m	kg	*12,380	*12,380	*13,530	13,400	*9,220	6,840	*6,720	4,520					*4,660	3,700	6.99
(-14.8 ft)	lb	*27,290	*27,290	*29,830	29,540	*20,330	15,080	*14,820	9,960					*10,270	8,160	(22.9)
-6.0 m	kg			*10,120	*10,120	*6,860	*6,860							*5,510	*5,510	5.21
(-19.7 ft)	lb			*22,310	*22,310	*15,120	*15,120							*12,150	*12,150	(17.1)

- | 1 | Lifting capacity are based on ISO 10567.
- 12 Lifting capacity of HX A Series does not exceed 75% of tipping load with the machine on firm, level ground or 87% of full hydraulic capacity.
- | 3 | The Lift-point is bucket pivot mounting pin on the arm(without bucket mass).
- | 4 | (*) indicates load limited by hydraulic capacity.



Rating over-front Rating over-side or 360 degree

HX220A L 2-PIECE BOOM

5.65 (18' 6")m boom 2-Piece, 2.92 m (6' 7") arm equipped with 0.92 m³ (SAE heaped) bucket triple grouser shoe.

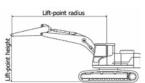
					Lift ra	ndius				At	max. reach	
Lift po		3.0 m (9	9.8 ft)	4.5 m (1	4.8 ft)	6.0 m (1	9.7 ft)	7.5 m (2	4.6 ft)	Capac	ity	Reach
heigh m (ft		ф	ŧ	ф	#	ф	#	t [†]	₩	ф	#	m (ft)
9.0 m	kg									*4,550	*4,550	4.46
(29.5 ft)	lb									*10,030	*10,030	(14.6)
7.5 m	kg			*6,200	*6,200	*5,300	*5,300			*3,630	*3,630	6.32
(24.6 ft)	lb			*13,670	*13,670	*11,680	*11,680			*8,000	*8,000	(20.7)
6.0 m	kg			*6,430	*6,430	*5,760	5,560			*3,300	*3,300	7.43
(19.7 ft)	lb			*14,180	*14,180	*12,700	12,260			*7,280	*7,280	(24.4)
4.5 m	kg	*10,530	*10,530	*8,050	*8,050	*6,090	5,370	*4,920	3,730	*3,180	*3,180	8.11
(14.8 ft)	lb	*23,210	*23,210	*17,750	*17,750	*13,430	11,840	*10,850	8,220	*7,010	*7,010	(26.6)
3.0 m	kg			*10,100	7,820	*6,730	5,080	*5,130	3,610	*3,200	2,950	8.47
(9.8 ft)	lb			*22,270	17,240	*14,840	11,200	*11,310	7,960	*7,050	6,500	(27.8)
1.5 m	kg			*11,830	7,210	*7,620	4,800	*5,440	3,470	*3,350	2,840	8.55
(4.9 ft)	lb			*26,080	15,900	*16,800	10,580	*11,990	7,650	*7,390	6,260	(28.1)
Ground	kg			11,830	6,880	7,480	4,590	5,370	3,370	*3,640	2,890	8.36
Line	lb			26,080	15,170	16,490	10,120	11,840	7,430	*8,020	6,370	(27.4)
-1.5 m	kg	*11,710	*11,710	*10,960	6,790	7,380	4,510	5,340	3,340	*4,180	3,140	7.88
(-4.9 ft)	lb	*25,820	*25,820	*24,160	14,970	16,270	9,940	11,770	7,360	*9,220	6,920	(25.9)
-3.0 m	kg	*11,250	*11,250	*8,920	6,870	*6,680	4,560			*4,770	3,710	7.05
(-9.8 ft)	lb	*24,800	*24,800	*19,670	15,150	*14,730	10,050			*10,520	8,180	(23.1)

HX220A L LONG REACH

8.20 m (26' 11") boom, 6.30 m (20' 8") arm equipped with 0.52 m³ (SAE heaped) bucket triple grouser shoe.

Lift point height m (ft) 10.5 m kg (34.4 ft) lb 9.0 m kg	1.5 m	(4.9 ft)	3.0 m		4.5 m (14.8 ft)	6.0 m (19.7 ft)	7.5 m (24 (4)	00 (42.5		C		
m (ft) 10.5 m kg (34.4 ft) lb	t [†] J	ŧ:	ιή						7.5 111 \	24.6 π)	9.0 m (,	29.5 ft)	10.5 m	34.4 ft)	12,0 m	(39.4 ft)	13.5 m	(44.3 ft)	Capa	icity	Reach
(34,4 ft) lb				#	t _i j	Ð	įψ	#	t _t j	#	t _p	#	ιμ	#	ťή	#	ιή	#	ťή	#	m (ft)
													*1,180	*1,180					*870	*870	10.88
9.0 m kg													*2,600	*2,600					*1,920	*1,920	(35.7)
																			*820	*820	11.94
(29.5 ft) lb																			*1,810	*1,810	(39.2)
7.5m kg													*1,870	*1,870	*1,410	*1,410			*790	*790	12.74
(24.6 ft) lb													*4,120	*4,120	*3,110	*3,110			*1,740	*1,740	(41.8)
6.0 m kg													*1,990	*1,990	*1,780	*1,780			*790	*790	13.31
(19.7 ft) lb													*4,390	*4,390	*3,920	*3,920			*1,740	*1,740	(43.7)
4.5 m kg											*2,290	*2,290	*2,170	*2,170	*2,080	*2,080	*1,050	*1,050	*800	*800	13.70
(14.8 ft) lb											*5,050	*5,050	*4,780	*4,780	*4,590	*4,590	*2,310	*2,310	*1,760	*1,760	(45.0)
3.0 m kg									*2,980	*2,980	*2,630	*2,630	*2,400	*2,400	*2,250	2,000	*1,340	*1,340	*830	*830	13.92
(9.8 ft) lb									*6,570	*6,570	*5,800	*5,800	*5,290	*5,290	*4,960	4,410	*2,950	*2,950	*1,830	*1,830	(45.7)
1.5 m kg			*2,800	*2,800	*6,330	*6,330	*4,470	*4,470	*3,530	*3,530	*2,990	*2,990	*2,640	2,400	*2,410	1,910	*1,490	*1,490	*880	*880	13.97
(4.9 ft) lb			*6,170	*6,170	*13,960	*13,960	*9,850	*9,850	*7,780	*7,780	*6,590	*6,590	*5,820	5,290	*5,310	4,210	*3,280	*3,280	*1,940	*1,940	(45.8)
Ground kg			*2,410	*2,410	*6,270	*6,270	*5,260	5,020	*4,050	3,710	*3,340	2,870	*2,880	2,270	*2,580	1,830	*1,470	*1,470	*950	*950	13.85
Line lb			*5,310	*5,310	*13,820	*13,820	*11,600	11,070	*8,930	8,180	*7,360	6,330	*6,350	5,000	*5,690	4,030	*3,240	*3,240	*2,090	*2,090	(45.4)
-1.5 m kg	*1,990	*1,990	*2,980	*2,980	*5,610	*5,610	*5,830	4,690	*4,460	3,480	*3,630	2,710	*3,090	2,160	*2,720	1,760	*1,170	*1,170	*1,040	*1,040	13.57
(-4.9 ft) lb	*4,390	*4,390	*6,570	*6,570	*12,370	*12,370	*12,850	10,340	*9,830	7,670	*8,000	5,970	*6,810	4,760	*6,000	3,880	*2,580	*2,580	*2,290	*2,290	(44.5)
-3.0 m kg	*2,870	*2,870	*3,800	*3,800	*6,050	*6,050	*6,170	4,510	*4,750	3,330	*3,850	2,600	*3,250	2,090	*2,810	1,710			*1,180	*1,180	13.11
(-9.8 ft) lb	*6,330	*6,330	*8,380	*8,380	*13,340	*13,340	*13,600	9,940	*10,470	7,340	*8,490	5,730	*7,170	4,610	*6,190	3,770			*2,600	*2,600	(43.0)
-4.5 m kg	*3,790	*3,790	*4,800	*4,800	*7,020	6,750	*6,290	4,450	*4,880	3,270	*3,960	2,540	*3,320	2,050	*2,380	1,700			*1,390	*1,390	12.45
(-14.8 ft) lb	*8,360	*8,360	*10,580	*10,580	*15,480	14,880	*13,870	9,810	*10,760	7,210	*8,730	5,600	*7,320	4,520	*5,250	3,750			*3,060	*3,060	(40.9)
-6.0 m kg	*4,800	*4,800	*5,970	*5,970	*8,340	6,840	*6,190	4,470	*4,850	3,270	*3,930	2,550	*3,250	2,070					*1,720	*1,720	11.56
(-19.7 ft) lb	*10,580	*10,580	*13,160	*13,160	*18,390	15,080	*13,650	9,850	*10,690	7,210	*8,660	5,620	*7,170	4,560					*3,790	*3,790	(37.9)
-7.5 m kg	*5,950	*5,950	*7,410	*7,410	*7,740	7,040	*5,830	4,590	*4,600	3,350	*3,700	2,620							*2,300	2,190	10.37
(-24,6 ft) lb	*13,120	*13,120	*16,340	*16,340	*17,060	15,520	*12,850	10,120	*10,140	7,390	*8,160	5,780							*5,070	4,830	(34.0)
-9.0 m kg			*9,290	*9,290	*6,700	*6,700	*5,100	4,790	*3,980	3,520									*3,160	2,880	8.77
(-29.5 ft) lb			*20,480	*20,480	*14,770	*14,770	*11,240	10,560	*8,770	7,760									*6,970	6,350	(28.8)
-10.5 m kg																					
(-34,4 ft) lb																					

- | 1 | Lifting capacity are based on ISO 10567.
- 12 | Lifting capacity are based on 150 10507.
 12 | Lifting capacity of HX A Series does not exceed 75% of tipping load with the machine on firm, level ground or 87% of full hydraulic capacity.
 13 | The Lift-point is bucket pivot mounting pin on the arm(without bucket mass).
 14 | (*) indicates load limited by hydraulic capacity.



LIFTING CAPACITY

Rating over-front Rating over-side or 360 degree

HX220A L HIGH WALKER

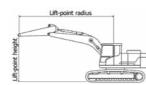
5.68 m (18' 8") Mono boom, 2.00 m (6' 7") arm equipped with 0.92 m³ (SAE heaped) bucket triple grouser shoe.

					Lift ra	adius				At	max. reach	l
Lift po		3.0 m (9).8 ft)	4.5 m (14	4.8 ft)	6.0 m (1	9.7 ft)	7.5 m (2	4.6 ft)	Capac	ity	Reach
heigh m (ft		ф	₽	ф	₽	ф	₽	ф	₽	ф	₽	m (ft)
7.5 m	kg									*5,670	*5,670	5.23
(24.6 ft)	lb									*12,500	*12,500	(17.1)
6.0m	kg					*5,470	*5,470			*5,530	5,060	6.48
(19.7 ft)	lb					*12,060	*12,060			*12,190	11,160	(21.3)
4.5 m	kg			*7,120	*7,120	*5,900	5,600			*5,580	4,220	7.21
(14.8 ft)	lb			*15,700	*15,700	*13,010	12,350			*12,300	9,300	(23.7)
3.0 m	kg			*8,930	8,030	*6,650	5,370	*5,740	3,900	*5,720	3,840	7.58
(9.8 ft)	lb			*19,690	17,700	*14,660	11,840	*12,650	8,600	*12,610	8,470	(24.9)
1.5 m	kg					*7,340	5,170	5,910	3,820	5,760	3,730	7.63
(4.9 ft)	lb					*16,180	11,400	13,030	8,420	12,700	8,220	(25.0)
Ground	kg			*1,0520	7,550	*7,710	5,070			6,010	3,870	7.37
Line	lb			*23,190	16,640	*17,000	11,180			13,250	8,530	(24.2)
-1.5 m	kg	*12,400	*12,400	*10,130	7,580	*7,550	5,070			*6,470	4,340	6.78
(-4.9 ft)	lb	*27,340	*27,340	*22,330	16,710	*16,640	11,180			*14,260	9,570	(22.2)
-3.0 m	kg	*12,040	*12,040	*8,890	7,730					*6,690	5,540	5.73
(-9.8 ft)	lb	*26,540	*26,540	*19,600	17,040					*14,750	12,210	(18.8)
-4.5 m	kg											
(-14,8 ft)	lb											

5.68 m (18' 8") Mono boom, 2.40 m (7' 10") arm equipped with 0.92 m³ (SAE heaped) bucket triple grouser shoe.

					Lift ra	adius				A	t max. reach	
Lift po		3.0 m (9).8 ft)	4.5 m (14	4.8 ft)	6.0 m (1	9.7 ft)	7.5 m (2	4.6 ft)	Capa	city	Reach
heigh m (ft		ίμ	‡ ⊃	ф	‡ >	ф	₽	ф	‡ >	ľή	‡	m (ft)
7.5 m	kg	0		0		0		0		*4,990	*4,990	5.79
(24.6 ft)	lb									*11,000	*11,000	(19.0)
6.0m	kg					*5,040	*5,040			*4,580	4,560	6.94
(19.7 ft)	lb					*11,110	*11,110			*10,100	10,050	(22.8)
4.5 m	kg			*6,570	*6,570	*5,540	*5,540	*5,190	3,980	*4,490	3,870	7.62
(14.8 ft)	lb			*14,480	*14,480	*12,210	*12,210	*11,440	8,770	*9,900	8,530	(25.0)
3.0 m	kg			*8,390	8,120	*6,350	5,390	*5,470	3,900	*4,600	3,550	7.97
(9.8 ft)	lb			*18,500	17,900	*14,000	11,880	*12,060	8,600	*10,140	7,830	(26.1)
1.5 m	kg			*9,850	7,690	*7,120	5,170	*5,830	3,800	*4,920	3,450	8.02
(4.9 ft)	lb			*21,720	16,950	*15,700	11,400	*12,850	8,380	*10,850	7,610	(26.3)
Ground	kg			*10,440	7,510	*7,600	5,040	5,820	3,730	*5,520	3,560	7.78
Line	lb			*23,020	16,560	*16,760	11,110	12,830	8,220	*12,170	7,850	(25.5)
-1.5 m	kg	*11,820	*11,820	*10,270	7,500	*7,600	5,010			*6,070	3,940	7.22
(-4.9 ft)	lb	*26,060	*26,060	*22,640	16,530	*16,760	11,050			*13,380	8,690	(23.7)
-3.0 m	kg	*12,960	*12,960	*9,300	7,620	*6,760	5,110			*6,330	4,860	6.25
(-9.8 ft)	lb	*28,570	*28,570	*20,500	16,800	*14,900	11,270			*13,960	10,710	(20.5)
-4.5 m	kg											
(-14.8 ft)	lb											

^{| 1 |} Lifting capacity are based on ISO 10567.



Rating over-front Rating over-side or 360 degree

HX220A L HIGH WALKER

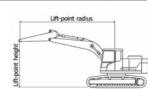
5.68 m (18' 8") Mono boom, 2.92 m (9' 7") arm equipped with 0.92 m³ (SAE heaped) bucket triple grouser shoe.

						Lift ra	adius					At	max. reac	h
Lift po		1.5 m (4.9 ft)	3.0 m (9.8 ft)	4.5 m (1	14.8 ft)	6.0 m (1	19.7 ft)	7.5 m (2	24.6 ft)	Capa	city	Reach
heigh m (ft		ф	€	ф	₽	ф	#	ф	#	ф	#	ф	#	m (ft)
7.5 m	kg							*4,490	*4,490			*3,320	*3,320	6.44
(24.6 ft)	lb							*9,900	*9,900			*7,320	*7,320	(21.1)
6.0m	kg							*4,500	*4,500			*3,080	*3,080	7.49
(19.7 ft)	lb							*9,920	*9,920			*6,790	*6,790	(24.6)
4.5 m	kg							*5,070	*5,070	*4,750	4,010	*3,020	*3,020	8.13
(14.8 ft)	lb							*11,180	*11,180	*10,470	8,840	*6,660	*6,660	(26.7)
3.0 m	kg					*7,670	*7,670	*5,920	5,420	*5,130	3,900	*3,090	*3,090	8.46
(9.8 ft)	lb					*16,910	*16,910	*13,050	11,950	*11,310	8,600	*6,810	*6,810	(27.7)
1.5 m	kg					*9,330	7,740	*6,780	5,170	*5,570	3,770	*3,290	3,140	8.50
(4.9 ft)	lb					*20,570	17,060	*14,950	11,400	*12,280	8,310	*7,250	6,920	(27.9)
Ground	kg			*6,460	*6,460	*10,210	7,480	*7,390	5,000	5,770	3,680	*3,650	3,220	8.28
Line	lb			*14,240	*14,240	*22,510	16,490	*16,290	11,020	12,720	8,110	*8,050	7,100	(27.2)
-1.5 m	kg	*7,100	*7,100	*11,080	*11,080	*10,330	7,410	*7,580	4,930	5,750	3,660	*4,320	3,510	7.75
(-4.9 ft)	lb	*15,650	*15,650	*24,430	*24,430	*22,770	16,340	*16,710	10,870	12,680	8,070	*9,520	7,740	(25.4)
-3.0 m	kg	*11,800	*11,800	*13,920	*13,920	*9,690	7,480	*7,130	4,980			*5,670	4,190	6.86
(-9.8 ft)	lb	*26,010	*26,010	*30,690	*30,690	*21,360	16,490	*15,720	10,980			*12,500	9,240	(22.5)
-4.5 m	kg			*11,110	*11,110	*7,820	7,730					*6,090	5,970	5.42
(-14.8 ft)	lb			*24,490	*24,490	*17,240	17,040					*13,430	13,160	(17.8)

5.68 m (18'8") Mono boom, 3.90 m (12'9") arm equipped with 0.92 m³ (SAE heaped) bucket triple grouser shoe.

							Lift ra	adius						At	max. rea	ch
Lift po heigh		1.5 m ((4.9 ft)	3.0 m ((9.8 ft)	4.5 m (14.8 ft)	6.0 m (19.7 ft)	7.5 m (2	24.6 ft)	9.0 m (2	29.5 ft)	Capa	city	Reach
m (ft		(†)	#	į÷	#0	ψ	#0	ψ	#0	ι μ	#	ι μ	+ 0	r ļ j	Ð	m (ft)
7.5 m	kg									*2,760	*2,760			*2,300	*2,300	7.64
(24.6 ft)	lb									*6,080	*6,080			*5,070	*5,070	(25.1)
6.0 m	kg									*3,690	*3,690			*2,160	*2,160	8.54
(19.7 ft)	lb									*8,140	*8,140			*4,760	*4,760	(28.0)
4.5 m	kg							*4,100	*4,100	*3,970	*3,970	*2,560	*2,560	*2,120	*2,120	9.11
(14.8 ft)	lb							*9,040	*9,040	*8,750	*8,750	*5,640	*5,640	*4,670	*4,670	(29.9)
3.0 m	kg			*9,120	*9,120	*6,160	*6,160	*5,010	*5,010	*4,440	3,890	*3,630	2,900	*2,150	*2,150	9.40
(9.8 ft)	lb			*20,110	*20,110	*13,580	*13,580	*11,050	*11,050	*9,790	8,580	*8,000	6,390	*4,740	*4,740	(30.8)
1.5 m	kg			*7,910	*7,910	*8,080	7,850	*6,000	5,170	*4,990	3,730	*4,110	2,820	*2,270	*2,270	9.44
(4.9 ft)	lb			*17,440	*17,440	*17,810	17,310	*13,230	11,400	*11,000	8,220	*9,060	6,220	*5,000	*5,000	(31.0)
Ground	kg			*7,390	*7,390	*9,450	7,410	*6,820	4,920	*5,470	3,590	*3,760	2,750	*2,480	*2,480	9.23
Line	lb			*16,290	*16,290	*20,830	16,340	*15,040	10,850	*12,060	7,910	*8,290	6,060	*5,470	*5,470	(30.3)
-1.5 m	kg	*5,820	*5,820	*9,770	*9,770	*10,070	7,210	*7,300	4,780	5,590	3,510			*2,840	2,840	8.77
(-4.9 ft)	lb	*12,830	*12,830	*21,540	*21,540	*22,200	15,900	*16,090	10,540	12,320	7,740			*6,260	6,260	(28.8)
-3.0 m	kg	*8,970	*8,970	*13,670	*13,670	*9,970	7,190	*7,310	4,750	5,600	3,510			*3,500	3,240	7.99
(-9.8 ft)	lb	*19,780	*19,780	*30,140	*30,140	*21,980	15,850	*16,120	10,470	12,350	7,740			*7,720	7,140	(26.2)
-4.5 m	kg	*13,000	*13,000	*13,200	*13,200	*9,020	7,330	*6,540	4,860					*4,940	4,130	6.80
(-14,8 ft)	lb	*28,660	*28,660	*29,100	*29,100	*19,890	16,160	*14,420	10,710					*10,890	9,110	(22.3)
-6.0 m	kg					*6,270	*6,270									
(-19.7 ft)	lb					*13,820	*13,820									

^{| 1 |} Lifting capacity are based on ISO 10567.



^{12 |} Lifting capacity of HX A Series does not exceed 75% of tipping load with the machine on firm, level ground or 87% of full hydraulic capacity.
13 | The Lift-point is bucket pivot mounting pin on the arm(without bucket mass).
14 | (*) indicates load limited by hydraulic capacity.

^{12 |} Lifting capacity of HX A Series does not exceed 75% of tipping load with the machine on firm, level ground or 87% of full hydraulic capacity.
13 | The Lift-point is bucket pivot mounting pin on the arm(without bucket mass).
14 | (*) indicates load limited by hydraulic capacity.

BUCKET SELECTION GUIDE & DIGGING FORCE

BUCKETS













SAE heaped m^3 (yd³)

0.92 (1.20) 1.10 (1.44) 1.20 (1.57)

0.80 (1.05) 1.34 (1.75)

◆ 0.87 (1.14) 0.90 (1.18)

★ 0.52 (0.68) 1.20 (1.57)

1.05 (1.37)

								Rec	ommendat	tion mm (ft.in)		
	Capa m³ (•	Width mm (in)	Weight kg (lb)	Tooth (EA)		5,680 (Mono	(18' 8") Boom			5,650 (18' 6 -Piece Boo		8,200 (26' 11") LR
	SAE Heaped	CECE Heaped	Without Side Cutters		(27.1)	2,000 (6' 7") Arm	2,400 (7' 10") Arm	2,920 (9' 7") Arm	3,900 (12' 10") Arm	2,000 (6' 7") Arm	2,400 (7' 10") Arm	2,920 (9' 7") Arm	6,300 (20' 8") Arm
	0.80 (1.05)	0.70 (0.92)	1,070 (42.1)	770 (1,700)	5	•	•	•	•	•	•	•	-
	0.92 (1.20)	0.80 (1.05)	1,190 (46.9)	820 (1,810)	5	•	•	•	•	•	•	•	-
	1.10 (1.44)	0.96 (1.26)	1,375 (54.1)	890 (1,960)	5	•	•	•	A	•	•		-
	1.20 (1.57)	1.05 (1.37)	1,390 (54.7)	920 (2,030)	5	•	0		A	•	•		-
	1.34 (1.75)	1.17 (1.53)	1,525 (60.0)	990 (2,180)	6	•	•	A	х	•		A	-
_	0.90(1.18)	0.79 (1.03)	1,210 (47.6)	880 (1,940)	5	•	•	•	•	•	•	•	-
*	1.05 (1.37)	0.92 (1.20)	1,355 (53.3)	940 (2,070)	5	•	•	•	A	•	•	•	-
*	0.87(1.14)	0.77 (1.01)	1,195 (47.0)	940 (2,070)	5	•	•	•	-	•	•	•	-
•	1.20(1.57)	1.05 (1.37)	1,520 (59.8)	1,120 (2,470)	6	•	0	•	-	•	•		-
*	0.52(0.68)	0.45 (0.59)	945 (37.2)	460 (1,010)	5	-	-	-	-	-	-	-	0

- Heavy duty bucket
- ♦ Rock-Heavy duty bucket
- ★ Long reach bucket

ATTACHMENT

Booms and arms are welded with a low-stress, full-box section design. 5.68 m, 8.2 m Booms and 2.0 m, 2.4 m, 2.92 m, 3.9 m & 6.3 m Arms are available.

DIGGI	NG FO	RCE									
Poom	Length	mm (ft.in)		5,680 (18' 8")	Mono Boom	5,650 (18' 6") 2-Piece Boom			8,200 (26' 11") LR		
Boom	Weight	kg (lb)	1,950 (4,300)				2,600 (5,730)			2,350 (5,180)	Damauk
Arm	Length	mm (ft.in)	2,000 (6' 7")	2,400 (7' 10")	2,920 (9' 7")	3,900 (12' 10")	2,000 (6' 7")	2,400 (7' 10")	2,920 (9' 7")	6,300 (20' 8")	Remark
	Weight	kg (lb)	975 (2,150)	1,045 (2,300)	1,095 (2,410)	1,295 (2,850)	975 (2,150)	1,045 (2,300)	1,095 (2,410)	1,330 (2,930)	
	SAE	kN	133.4 [144.8]	133.4 [144.8]	133.4 [144.8]	133.4 [144.8]	133.4 [144.8]	133.4 [144.8]	133.4 [144.8]	72.6	[]: Power Boost
		kgf	13,600 [14,770]	13,600 [14,770]	13,600 [14,770]	13,600 [14,770]	13,600 [14,770]	13,600 [14,770]	13,600 [14,770]	7,400	
Bucket		lbf	29,980 [32,550]	29,980 [32,550]	29,980 [32,550]	29,980 [32,550]	29,980 [32,550]	29,980 [32,550]	29,980 [32,550]	16,310	
Digging Force	ISO	kN	152.0 [165.0]	152.0 [165.0]	152.0 [165.0]	152.0 [165.0]	152.0 [165.0]	152.0 [165.0]	152.0 [165.0]	83.4	
		kgf	15,500 [16,830]	15,500 [16,830]	15,500 [16,830]	15,500 [16,830]	15,500 [16,830]	15,500 [16,830]	15,500 [16,830]	8,500	
		lbf	34,170 [37,100]	34,170 [37,100]	34,170 [37,100]	34,170 [37,100]	34,170 [37,100]	34,170 [37,100]	34,170 [37,100]	18,740	
	SAE	kN	144.2 [156.5]	119.6 [129.9]	102.0 [110.7]	84.3 [91.6]	144.2 [156.5]	119.6 [129.9]	102.0 [110.7]	49.0	
Arm Crowd Force		kgf	14,700 [15,960]	12,200 [13,250]	10,400 [11,290]	8,600 [9,340]	14,700 [15,960]	12,200 [13,250]	10,400 [11,290]	5,000	
		lbf	32,410 [35,190]	26,900 [29,210]	22,930 [24,900]	18,960 [20,590]	32,410 [35,190]	26,900 [29,210]	22,930 [24,900]	11,020	
	ISO	kN	151.0 [164.0]	125.5 [136.3]	106.9 [116.1]	87.3 [94.8]	151.0 [164.0]	125.5 [136.3]	106.9 [116.1]	50.0	
		kgf	15,400 [16,720]	12,800 [13,900]	10,900 [11,830]	8,900 [9,660]	15,400 [16,720]	12,800 [13,900]	10,900 [11,830]	5,100	
		lbf	33,950 [36,860]	28,220 [30,640]	24,030 [26,090]	19,620 [21,300]	33,950 [36,860]	28,220 [30,640]	24,030 [26,090]	11,240	

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

STANDARD / OPTION

ENGINE	STD	OPT
Cummins B6.7	•	
HYDRAULIC SYSTEM		
Electric Positive Flow Control (EPFC)		
3-Power Mode, 2-Work Mode, User Mode	•	
Variable Power Control	•	
Pump Flow Control	•	
Electric Pump Flow Control (EPFC)	•	_
Attachment Mode Flow Control Engine Auto Idle	_	•
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	•	L
12V Power Outlet (24V DC to 12V DC converter)	•	
Electric Horn	•	
All-Weather Steel Cab with 360° Visibility	•	
Safety glass - Tempered glass Safety glass - Tempered glass with front laminated glass	•	_
Safety glass - Tempered glass with front laminated glass Sliding Fold-In Front Window	•	•
Sliding Side Window (LH)	•	
Lockable Door	•	
Hot & Cool Box	•	
Storage Compartment	•	
Ashtray & Cigar Lighter		•
Transparent Cabin Roof-Cover	•	
Sun Visor Door And Cab Locks One Key	•	
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 warning with alarm		•
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 FOG (ISO 10262) Level 2		_
		•
FULL (Falling Uniect Protective Structure) - ICO 100400 Lovel 3		_
FOG (Falling Object Protective Structure) · ISO 10262 Level 2 Cabin ROPS		

SAFETY	STD	OP
Lifting Mode	•	
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		•
Electronic swing parking brake control	•	
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	•	
Front Guard - Wire Net		•
ATTACHMENT		
Booms		
5.68 m, 18' 8" Mono	•	
5.65 m, 18' 6" 2-Piece		•
8.2 m, 26' 11" Long Reach		•
Arms		
2.0 m, 6' 7"		•
2.4 m, 7' 10" 2.92 m, 9' 7"		•
3.9 m, 12' 10"	•	
6.3 m, 20' 8" Long Reach		•
OTHER		
Removable Clean-Out Dust Net For Cooler		
Removable Reservoir Tank	•	
Fuel Pre-Filter	•	
Fuel Warmer	•	
Self-Diagnostics System	•	
Hi MATE (Remote Management System)		•
Batteries (2 × 12 V × 100 AH)	•	
Fuel Filler Pump (50 lpm)		•
Single-Acting Piping Kit (Breaker, Etc.)		•
Double-Acting Piping Kit (Clamshell, Etc.)		•
Rotating Piping Kit Air Compressor		•
Quick Coupler Piping		
Quick Coupler Quick Coupler		•
Boom Floating Control		•
One Pedal Straight Travel System		•
Accumulator For Lowering Work Equipment	•	
Pattern Change Valve (2 Patterns)		•
Proportional Auxiliary Hydraulic System		•
2 Way Proportional RCV & Pedal Control Selection		•
Fine (Cushion/Free) Swing Control		•
Tool Kit		
Tool Kit		
UNDERCARRIAGE		_
UNDERCARRIAGE Lower Frame Under Cover (Additional)		•
UNDERCARRIAGE Lower Frame Under Cover (Additional) Lower Frame Under Cover (Normal)	•	•
UNDERCARRIAGE Lower Frame Under Cover (Additional) Lower Frame Under Cover (Normal) Track Shoes	•	•
UNDERCARRIAGE Lower Frame Under Cover (Additional) Lower Frame Under Cover (Normal) Track Shoes Triple Grousers Shoes (600 mm, 24")	•	•
UNDERCARRIAGE Lower Frame Under Cover (Additional) Lower Frame Under Cover (Normal) Track Shoes Triple Grousers Shoes (600 mm, 24") Triple Grousers Shoe (700 mm, 28")	•	•
UNDERCARRIAGE Lower Frame Under Cover (Additional) Lower Frame Under Cover (Normal) Track Shoes Triple Grousers Shoes (600 mm, 24") Triple Grousers Shoe (700 mm, 28") Triple Grousers Shoe (800 mm, 32")	•	•
UNDERCARRIAGE Lower Frame Under Cover (Additional) Lower Frame Under Cover (Normal) Track Shoes Triple Grousers Shoes (600 mm, 24") Triple Grousers Shoe (700 mm, 28")	•	•

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.

MEMO	MEMO