www.**hd-hyundaice**.com

HD HYUNDAI CONSTRUCTION EQUIPMENT

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PLEASE CONTACT

2024. JUN

HX225S / HX225S L

With Tier 2 / Stage II Engine Installed

* Photo may include optional equipment.

Gross Power	Net Power	Bucket Capacity	Operating Weight
SAE J1995 / 150 HP (112 kW) at 1,950 rpm	SAE J1349 / 147 HP (110 kW) at 1,950 rpm	0.92~1.34 m^3	22,070 kg / 48,660 lb

HD HYUNDAI

RULE THE GROUND

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

WORK MAX, WORTH MAX

- New Variable Power Control
- Fuel Rate Information
- IPC (Intelligent Power Control)
- Attachment Flow Control Option
- ECO Gauge
- New Cooling System with Increased Air Flow
- Enlarged Air Inlet with Grill Cover
- Cycle Time Improvement

MORE RELIABLE, MORE SUSTAINABLE

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

INFOTAINMENT FRONTIER

- New Front Side Air-conditioning System
- Intelligent and Wide Cluster
- New Air Conditioning System
- Proportional Auxiliary Hydraulic System Option
- Quick Coupler Button Option
- New Audio System

MODERN COMFORT, SIMPLE AND SAFE SOLUTION

- AAVM (Advanced Around View Monitoring) Camera System Option
- Hi MATE (Remote Management System) Option
- Cab Suspension Mount
- Swing Lock System Option
- Fine Swing Control Option

* Photo may include optional equipment.

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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 systemfor light 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.

15% increased greater screen from 7 to 8 inch is applied in HX Series.
More funtions and better resolution are available with adding premium options.

Fuel Rate Information Option

IPC (Intelligent Power Control)

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

Attachment Flow Control Option

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

Eco Gauge

Eco gauge enables 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 is displayed. Hourly and daily based fuel consumption can be checked in the detailed menu as well.

New Cooling System with Increased Air Flow

With the three-floor horizontally placed 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.

Cycle Time Improvement

The HX Series provides higher productivity on the site by faster operation: it loads trucks up to 7% faster and levels up to 6% faster than the 9S Series.

MORE RELIABLE, MORE SUSTAINABLE

New Exterior Design for Robustness and Safety

The true value of the HX Series lies in its durability. The robust frame structure and the attachments show the real value of the HX Series in tough working environments and promise higher productivity.

Durable Cooling Module

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

Reinforced Pin, Bush, and Polymer Shim

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

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.

Wear Resistant Cover Plate

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

* 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.

* Photo may include optional equipment.

New Front Side Air-conditioning System

The ventilation is designed for both warm and cool air reaching to operators' faces. It could helps operators create more neat and enjoyable atmosphere through indoor air circulation.

INFOTAINMENT FRONTIER

Improved Instrument Panel for Easier Monitoring

Many electronic functions are concentrated in the most convenient spot for operators to improve work efficiency. The highly-advanced infotainment system, a product of HCE's intensive information technology development, enables both productivity and comfort while working! The HX Series is designed with the operator in mind.

Intelligent and Wide Cluster

The 8-inch interactive touchscreen display of the HX Series is 15% larger than that of the previous model. The centralized switches on the display allow the operator to check the urea level and the temperature outside the cab.

New Air Conditioning System

Front side Air Vent holes make operators more convenient and fresh through direct air flow to driver's face, foot and body.

Proportional Auxiliary Hydraulic System (Option)

- Proportional control switch for better speed control
- Enlarge the operation convenience

Front Side Air-Vent

Quick Coupler Button (Option)

Easy attachment replacement of equipment is available with quick coupler button.

New Audio System

The radio player with a USB-based MP3 player, an integrated Bluetooth hands-free feature, and a built-in microphone allow for phone calls while at work and in transit. The radio player is conveniently located on the right side of the operator to allow for improved access.

MODERN COMFORT, SIMPLE AND SAFE SOLUTION

New Cabin for More Comfort

Low noise, low vibration, and ergonomic design make the cabin space more comfortable and pleasant! With focus on safety and convenience of operators, the HX Seriesallowsrapidandsafeequipmentinspectionanytimeandanywhere,providingan 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: 5m).

Hi MATE

It's Convenient, Easy and Valuable

Hi MATE Hyundai's newly developed remote management system, utilizes GPS-satellite technolgy to provide customers with the highest level of service and product support available. Hi MATE enables users to remotely evaluate machine performance, access diagnostic information, and verify machine locations at the touch of a button.

What is benefits

Increase Productivity

It helps you operate machines in efficient. You can check the difference between total engine hours and actual working hours. See how productive your machines are and plan any required cost saving solutions. Hi MATE offers working information such as working / idling hours, fuel consumption and rate.

Convenient and Easy Monitoring

There is nothing much to do to monitor your machines. Just log on to the Hi MATE website or mobile application. Hi MATE allows you to watch your machines whenever and wherever you are.

Security

Protect your machines from theft or unauthorized usage with Hi MATE. If the machine moves out of the Geo-fence boundary, you will get alerts.

* Photo may include optional equipment.

Cab Suspension Mount

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

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			HYUNDAI HM5.9
Type			Water cooled 4 cycle diesel, 6 cylinders in line, direct injection, trubocharged, charger air, cooled, low emission
Rated flywheel horse power	SAE	J1995 (gross)	150 HP (112 kW) at 1,950 rpm
		J1349 (net)	147 HP (110 kW) at 1,950 rpm
	DIN	6271/1 (gross)	152 PS (112 kW) at 1,950 rpm
		6271/1 (net)	149 PS (110 kW) at 1,950 rpm
Max. torque			62.6 kgf · m (450 lbf · ft) at 1,500 rpm
Bore X stroke			102 ×120 mm (4.02" ×4.72")
Piston displacement			5,900 cc (359 cu in)
Batteries			2×12 V ×100 Ah
Starting motor			24 V × 4.8 kW
Alternator			24 V × 95 A

HYDRAULIC SYSTEM

MAIN PUMP

Type	Variable displacement tandem axis piston pumps
Max. flow	2×247 ℓ/min
Sub-pump for pilot circuit	Gear pump

Cross-sensing and fuel saving pump system

HYDRAULIC MOTORS

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

RELIEF VALVE SETTING

Implement circuits	350 kgf/cm² (4,980 psi)
Travel	350 kgf/cm² (4,980 psi)
Power boost (boom, arm, bucket)	380 kgf/cm² (5,400 psi)
Swing circuit	265 kgf/cm² (3,770 psi)
Pilot circuit	40 kgf/cm² (570 psi)
Service valve	Installed

HYDRAULIC CYLINDERS

No. of cylinder bore X stroke	Boom: 2-Ø120×1,290 mm
	Arm: 1-Ø140×1,443 mm
	Bucket: 1-Ø120×1,060 mm

DRIVES & BRAKES

Drive method	Fully hydrostatic type
Drive motor	Axial piston motor, in-shoe design
Reduction system	Planetary reduction gear
Max. drawbar pull	21,100 kgf (46,517 lbf)
Max. travel speed (high / low)	5.4 km/hr (3.35 mph) / 3.6 km/hr (2.23 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 bucket
Traveling and steering	Two levers with pedals
Engine throttle	Electric, dial type

SWING SYSTEM

Swing motor	Fixed displacement axial piston motor
Swing reduction	Planetary gear reduction
Swing bearing lubrication	Grease-bathed
Swing brake	Multi wet disc
Swing speed	12.5 rpm

COOLANT & LUBRICANT CAPACITY

	liter	US gal	UK gal
Fuel tank	400	106	88
Engine coolant	31	8.2	6.82
Engine oil	20	5.3	4.4
Swing device	6.2	1.64	1.36
Final drive (each)	4.5	1.2	1
Hydraulic system (including tank)	275	72.6	60.5
Hydraulic tank	160	42.3	35.2

UNDERCARRIAGE

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

model	HX225SL	HX225S
Center frame	X-leg type	X-leg type
Track frame	Pentagonal box type	Pentagonal box type
No. of shoes on each side	49 EA	46 EA
No. of carrier roller on each side	2 EA	2 EA
No. of track roller on each side	8 EA	7 EA
No. of rail guard on each side	2 EA	1 EA

OPERATING WEIGHT (APPROXIMATE)

Operating weight, including 5,700 mm (18' 8") boom, 2,900 mm (9' 6") 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
Type	Width mm (in)		kg (lb)	kgf/cm² (psi)
Triple grouser	600 (24")	HX225S	21,700 (47,840)	0.50 (7.10)
		HX225SL	22,070 (48,660)	0.47 (6.70)
		HX225SL HW	24,030 (53,570)	0.52 (7.38)
	700 (28")	HX225S	21,970 (48,440)	0.43 (6.16)
		HX225SL	22,550 (49,710)	0.41 (5.87)
		HX225SL HW	24,580 (54,190)	0.45 (6.40)
	800 (32")	HX225S	22,240 (49,030)	0.38 (5.45)
		HX225SL	22,830 (50,330)	0.37 (5.20)
		HX225SL LR	24,830 (54,740)	0.40 (5.65)
		HX225SL HW	24,860 (54,810)	0.40 (5.66)
	900 (36")	HX225SL	23,150 (51,040)	0.33 (4.68)
		HX225SL HW	25,180 (55,510)	0.36 (5.10)
Double grouser	600 (24")	HX225SL HW	24,530 (54,080)	0.52 (7.44)
	700 (28")	HX225SL HW	24,850 (54,780)	0.45 (6.46)

BUCKET SELECTION GUIDE & DIGGING FORCE

BUCKETS

All buckets are welded with high-strength steel.

SAE heaped m³ (yd³)					
	⊙ 0.92 (1.20)	◈ 0.92 (1.20)	◆ 0.91 (1.19)	◆ 1.23 (1.61)	◆ 0.87 (1.14)	★ 0.51 (0.67)
	⊙ 1.05 (1.37)	◈ 1.08 (1.41)	◆ 1.07 (1.40)	◆ 1.00 (1.31)	◆ 1.20 (1.57)	
	⊙ 1.17 (1.53)					
	⊙ 1.28 (1.67)					

Capacity m³ (yd³) SAE heaped	Capacity m³ (yd³) CECE heaped	Width mm (in) Without Side Cutters	Width mm (in) With Side Cutters	Weight kg (lb)	Tooth EA	Recommendation mm (ft-in) 5,700 (18' 8") Boom 3.8 ton CWT 2,000 (6' 7") Arm	2,400 (7' 10") Arm	2,900 (9' 6") Arm	3,500 (11' 6") Arm	8,500 (27' 11") Boom 5.3 ton CWT 6,200 (20' 4") Arm
⊙ 0.92 (1.20)	0.81 (1.06)	1,085 (42.7")	1,230 (48.4")	750 (1,650)	5	●	●	●	◐	-
⊙ 1.05 (1.37)	0.96 (1.26)	1,220 (48.0")	1,370 (53.9")	790 (1,740)	5	●	●	◐	■	-
⊙ 1.17 (1.53)	1.00 (1.31)	1,340 (52.8")	1,490 (58.7")	850 (1,870)	6	◐	◐	■	▲	-
⊙ 1.28 (1.67)	1.11 (1.45)	1,455 (57.3")	1,605 (63.2")	885 (1,950)	6	◐	■	■	▲	-
◈ 0.92 (1.20)	0.83 (1.09)	1,050 (41.3")	1,095 (43.1")	865 (1,910)	5	●	●	●	◐	-
◈ 1.08 (1.41)	0.97 (1.27)	1,200 (47.2")	1,245 (49.0")	935 (2,060)	5	●	◐	■	■	-
◆ 0.91 (1.19)	0.83 (1.09)	1,050 (41.3")	1,095 (43.1")	1,050 (2,310)	4	●	●	◐	-	-
◆ 1.07 (1.40)	0.97 (1.27)	1,200 (47.2")	1,245 (49.0")	1,160 (2,560)	5	◐	◐	■	-	-
◆ 1.23 (1.61)	1.11 (1.45)	1,350 (53.1")	1,395 (54.9")	1,240 (2,730)	5	■	■	▲	-	-
◆ 1.00 (1.31)	0.87 (1.14)	1,240 (48.8")	1,245 (49.0")	985 (2,170)	5	●	●	◐	-	-
◆ 0.87 (1.14)	0.75 (0.98)	1,150 (45.3")	-	875 (1,930)	5	●	●	●	-	-
◆ 1.20 (1.57)	1.00 (1.31)	1,425 (56.1")	-	990 (2,180)	5	◐	■	■	-	-
★ 0.51 (0.67)	0.45 (0.59)	865 (34.1")	995 (39.2")	395 (0,870)	5	-	-	-	-	■

⊙ General Purpose
◈ Heavy duty bucket
◆ Rock-Heavy duty bucket
★ Long reach bucket

● : Applicable for materials with density of 2,100 kg/m³ (3,500 lb/yd³) or less
◐ : Applicable for materials with density of 1,800 kg/m³ (3,000 lb/yd³) or less
■ : Applicable for materials with density of 1,500 kg/m³ (2,500 lb/yd³) or less
▲ : Applicable for materials with density of 1,200 kg/m³ (2,000 lb/yd³) or less
- : Not Recommended

ATTACHMENT

Booms and arms are welded with a low-stress, full-box section design. 5.70 m, 8.5 m booms and 2.0 m, 2.4 m, 2.9 m, 3.5 m & 6.2 m arms are available.

DIGGING FORCE

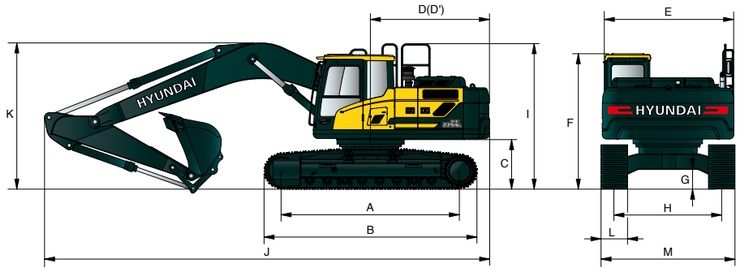
								Remark
Boom	Length	mm (ft·in)	5,700 (18' 8")				8,500 (27' 11")	
	Weight	kg (lb)	1,865 (4,110)				2,380 (5,250)	
Arm	Length	mm (ft·in)	2,000 (6' 7")	2,400 (7' 10")	2,900 (9' 6")	3,500 (11' 6")	6,200 (20' 4")	
	Weight	kg (lb)	820 (1,810)	900 (1,980)	985 (2,170)	1,130 (2,490)	1,295 (2,850)	
Bucket digging force	SAE	kN	130.4 [141.6]	130.4 [141.6]	130.4 [141.6]	130.4 [141.6]	68.0	[ ] : Power Boost
		kgf	13,300 [14,440]	13,300 [14,440]	13,300 [14,440]	13,300 [14,440]	6930	
		lbf	29,320 [31,830]	29,320 [31,830]	29,320 [31,830]	29,320 [31,830]	15,280	
	ISO	kN	152.3 [165.3]	152.3 [165.3]	152.3 [165.3]	152.3 [165.3]	80.3	
		kgf	15530 [16860]	15,530 [16,860]	15,530 [16,860]	15,530 [16,860]	8190	
		lbf	34,240 [37,170]	34,240 [37,170]	34,240 [37,170]	34,240 [37,170]	18,060	
Arm crowd force	SAE	kN	144.3 [156.6]	119.3 [129.4]	102.8 [111.6]	92.2 [100.1]	49.5	
		kgf	14,710 [15,970]	12,160 [13,200]	10,480 [11,380]	9,400 [10,210]	5,050	
		lbf	32,430 [35,210]	26,810 [29,100]	23,100 [25,090]	20,720 [22,510]	11,130	
	ISO	kN	152.0 [165.0]	124.7 [135.4]	106.9 [116.0]	95.4 [103.6]	50.5	
		kgf	15,500 [16,830]	12,720 [13,810]	10,900 [11,830]	9730 [10,560]	5,150	
		lbf	34,170 [37,100]	28,040 [30,450]	24,030 [26,080]	21,450 [23,280]	11,350	

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

DIMENSIONS & WORKING RANGE

HX225S DIMENSIONS

5.70 m (18' 8") boom and 2.0 m (6' 7"), 2.4 m (7' 10"), 2.9 m (9' 6"), 3.5 m (11' 6") arm



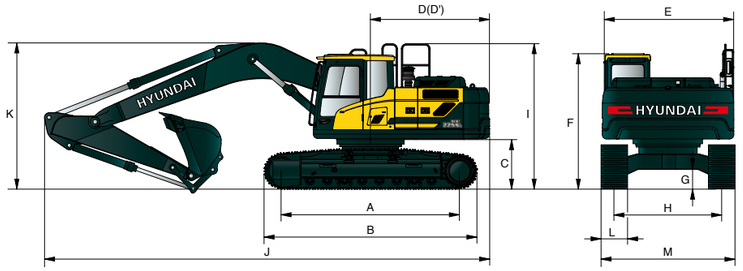
Unit : mm (ft · in)

A	Tumbler distance	3,270 (10' 9")
*B	Overall length of crawler	4,066 (13' 4")
C	Ground clearance of counterweight	1,095 (3' 7")
D	Tail swing radius	2,890 (9' 6")
D'	Rear-end length	2,770 (9' 1")
E	Overall width of upperstructure	2,740 (9' 0")
F	Overall height of cab	3,035 (9' 11")
G	Min. ground clearance	475 (1' 7")
H	Track gauge	2,200 (7' 3")
I	Overall height of handrail (Option)	3,245 (10' 8")

	Boom length	5,700 (18' 8")			
	Arm length	2000 (6' 7")	2400 (7' 10")	2,900 (9' 6")	3,500 (11' 6")
J	Overall length	9,620 (31' 8")	9,575 (31' 5")	9,550 (31' 4")	9,560 (31' 4")
K	Overall height of boom	3,200 (10' 6")	3,110 (10' 2")	3,030 (9' 11")	3,480 (11' 5")
L	Track shoe width	600 (24")	700 (28")	800 (32")	900 (36")
M	Overall width	2,800 (9' 2")	2,900 (9' 6")	3,000 (9' 10")	3,100 (10' 2")

HX225S L DIMENSIONS

5.70 m (18' 8") boom and 2.0 m (6' 7"), 2.4 m (7' 10"), 2.9 m (9' 6"), 3.5 m (11' 6") arm

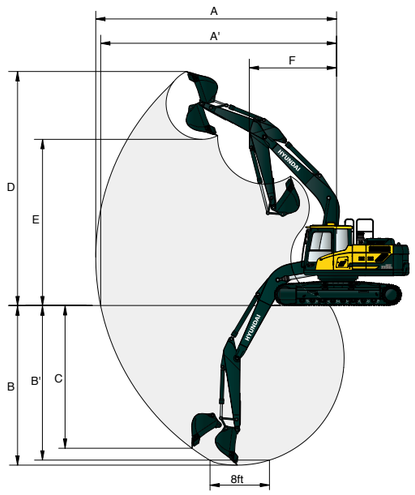


Unit : mm (ft · in)

A	Tumbler distance	3,650 (12' 0")
*B	Overall length of crawler	4,443 (14' 7")
C	Ground clearance of counterweight	1,095 (3' 7")
D	Tail swing radius	2,890 (9' 6")
D'	Rear-end length	2,770 (9' 1")
E	Overall width of upperstructure	2,740 (9' 0")
F	Overall height of cab	3,035 (9' 11")
G	Min. ground clearance	475 (1' 7")
H	Track gauge	2,390 (7' 10")
I	Overall height of handrail (Option)	3,245 (10' 8")

	Boom length	5,700 (18' 8")			
	Arm length	2000 (6' 7")	2400 (7' 10")	2,900 (9' 6")	3,500 (11' 6")
J	Overall length	9,620 (31' 7")	9,575 (31' 5")	9,550 (31' 4")	9,560 (31' 4")
K	Overall height of boom	3,115 (10' 3")	3,020 (9' 11")	2,960 (9' 9")	3,320 (10' 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")

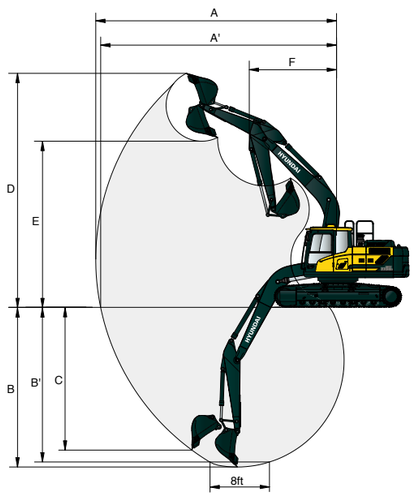
HX225S WORKING RANGE



Unit : mm (ft · in)

	Boom length	5,700 (18' 8")			
	Arm length	2,000 (6' 7")	2,400 (7' 10")	2,900 (9' 6")	3,500 (11' 6")
A	Max. digging reach	9,145 (30' 0")	9,525 (31' 3")	9,945 (32' 8")	10,450 (34' 3")
A'	Max. digging reach on ground	8,960 (29' 5")	9,355 (30' 8")	9,780 (32' 1")	10,290 (33' 9")
B	Max. digging depth	5,585 (18' 4")	5,990 (19' 8")	6,500 (21' 4")	7,090 (23' 3")
B'	Max. digging depth (8' level)	5,360 (17' 7")	5,790 (19' 0")	6,315 (20' 9")	6,935 (22' 9")
C	Max. vertical wall digging depth	5,070 (16' 8")	5,445 (17' 10")	5,960 (19' 7")	6,330 (20' 9")
D	Max. digging height	9,370 (30' 9")	9,625 (31' 7")	9,750 (32' 0")	9,890 (32' 5")
E	Max. dumping height	6,580 (21' 7")	6,830 (22' 5")	6,990 (22' 11")	7,160 (23' 6")
F	Min. swing radius	3,715 (12' 2")	3,400 (11' 2")	3,425 (11' 3")	3,445 (11' 4")

HX225S L WORKING RANGE



Unit : mm

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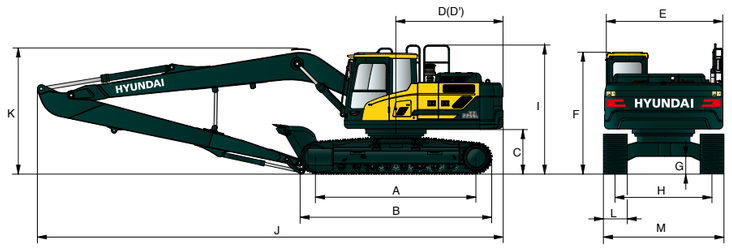
A'	Max. digging reach on ground	8,960 (29' 5")	9,355 (30' 8")	9,780 (32' 1")	10,290 (33' 9")
B	Max. digging depth	5,585 (18' 4")	5,990 (19' 8")	6,500 (21' 4")	7,090 (23' 3")
B'	Max. digging depth (8' level)	5,360 (17' 7")	5,790 (19' 0")	6,315 (20' 9")	6,935 (22' 9")
C	Max. vertical wall digging depth	5,070 (16' 8")	5,445 (17' 10")	5,960 (19' 7")	6,330 (20' 9")
D	Max. digging height	9,370 (30' 9")	9,625 (31' 7")	9,750 (32' 0")	9,890 (32' 5")
E	Max. dumping height	6,580 (21' 7")	6,830 (22' 5")	6,990 (22' 11")	7,160 (23' 6")
F	Min. swing radius	3,715 (12' 2")	3,400 (11' 2")	3,425 (11' 3")	3,445 (11' 4")

DIMENSIONS & WORKING RANGE

HX225S L LONG REACH

8.5 m (27' 11") boom and 6.2 m (20' 4") arm

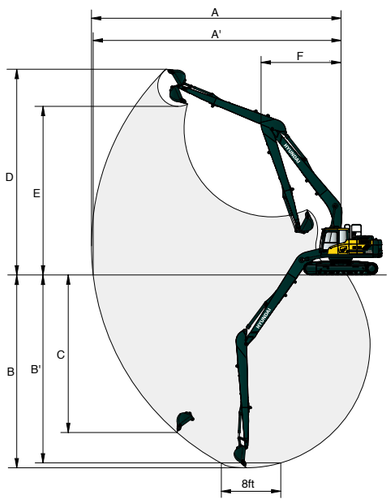


Unit : mm (ft · in)

A	Tumbler distance	3,650 (12' 0")
*B	Overall length of crawler	4,443 (14' 7")
C	Ground clearance of counterweight	1,095 (3' 7")
D	Tail swing radius	2,890 (9' 6")
D'	Rear-end length	2,770 (9' 1")
E	Overall width of upperstructure	2,740 (9' 0")
F	Overall height of cab	3,035 (9' 11")
G	Min. ground clearance	480 (1' 7")
H	Track gauge	2,390 (7' 10")
I	Overall height of guardrail (Option)	3,245 (10' 8")

	Boom length	8,500 (27' 11")
	Arm length	6,200 (20' 4")
J	Overall length	12,345 (40' 6")
K	Overall height of boom	3,365 (11' 0")
L	Track shoe width	800 (32")
M	Overall width	3,190 (10' 6")

HX225S L LONG REACH WORKING RANGE

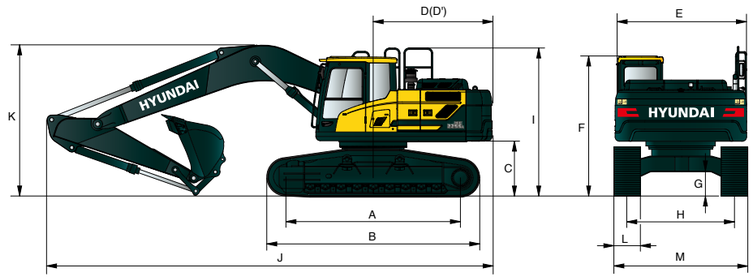


Unit : mm (ft · in)

	Boom length	8,500 (27' 11")
	Arm length	6,200 (20' 4")
A	Max. digging reach	15,425 (50' 7")
A'	Max. digging reach on ground	15,320 (50' 3")
B	Max. digging depth	11,500 (37' 9")
B'	Max. digging depth (8' level)	11,355 (37' 3")
C	Max. vertical wall digging depth	10,265 (33' 8")
D	Max. digging height	13,445 (44' 1")
E	Max. dumping height	11,200 (36' 9")
F	Min. swing radius	4,705 (15' 5")

HX225S L HIGH WALKER DIMENSIONS

5.70 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

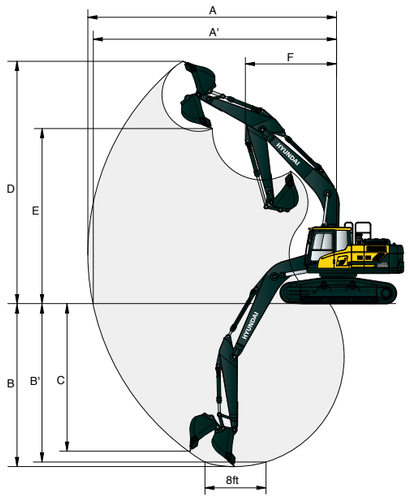


Unit : mm (ft · in)

A	Tumbler distance	3,650 (12' 0")
*B	Overall length of crawler	4,470 (14' 8")
C	Ground clearance of counterweight	1,260 (4' 1")
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	3,230 (10' 7")
G	Min. ground clearance	660 (2' 2")
H	Track gauge	2,795 (9' 2")
I	Overall height of handrail (Option)	3,413 (11' 2")

	Boom length	5,700 (18' 8")					
	Arm length	2,000 (6' 7")	2,400 (7' 10)	2,900 (9' 6")	3,500 (11' 6")		
J	Overall length	9,625 (31' 7")	9,560 (31' 4")	9,515 (31' 3")	9,575 (31' 5")		
K	Overall height of boom	3,195 (10' 6")	3,090 (10' 2")	2,975 (9' 9")	3,275 (10' 9")		
L	Track shoe type	Triple grouser				Double grouser	
	Track shoe width	600(24")	700(28")	800(32")	900(36")	600(24")	700(28")
M	Overall width	3,395 (11' 2")	3,495 (11' 6")	3,595 (11' 10")	3,695 (12' 1")	3,395 (11' 2")	3,495 (11' 6")

HX225S L HIGH WALKER WORKING RANGE



Unit : mm (ft · in)

	Boom length	5,700 (18' 8")				
	Arm length	2,000 (6' 7")	2,400 (7' 10)	2,900 (9' 6")	3,500 (11' 6")	
A	Max. digging reach	9,145 (30' 0")	9,525 (31' 3")	9,945 (32' 8")	10,450 (34' 3")	
A'	Max. digging reach on ground	8,920 (29' 3")	9,310 (30' 7")	9,740 (31' 11")	10,255 (33' 8")	
B	Max. digging depth	5,385 (17' 8")	5,785 (19' 0")	6,290 (20' 8")	6,890 (22' 7")	
B'	Max. digging depth (8' level)	5,160 (16' 11")	5,590 (18' 4")	6,115 (20' 1")	6,735 (22' 1")	
C	Max. vertical wall digging depth	4,870 (16' 0")	5,245 (17' 2")	5,760 (18' 11")	6,130 (20' 1")	
D	Max. digging height	9,570 (31' 5")	9,825 (32' 3")	9,950 (32' 8")	10,090 (33' 1")	
E	Max. dumping height	6,780 (22' 3")	7,030 (23' 1")	7,190 (23' 7")	7,360 (24' 2")	
F	Min. swing radius	3,715 (12' 2")	3,340 (10' 11")	3,425 (11' 3")	3,445 (11' 4")	

LIFTING CAPACITY

Rating over-front Rating over-side or 360 degree

HX225S L

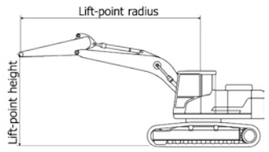
5.70 m (18' 8") boom, 2.00 m (6' 7") arm equipped with 600 mm (24") triple grouser shoe, and 3,800 kg (8,380 lb) counterweight.

Load point height m (ft)		Load radius								At max. reach		
		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach
												m (ft)
7.5m	kg									*6,130	*6,130	5.05
24.6ft	lb									*13,510	*13,510	(16.6)
6.0m	kg			*6,170	*6,170	*5,780	5,130			*5,810	4,610	6.39
19.7ft	lb			*13,600	*13,600	*12,740	11,310			*12,810	10,160	(21.0)
4.5m	kg			*7,370	*7,370	*6,130	5,000			*5,780	3,780	7.17
14.8ft	lb			*16,250	*16,250	*13,510	11,020			*12,740	8,330	(23.5)
3.0m	kg					*6,820	4,790	5,330	3,460	5,250	3,400	7.58
9.8ft	lb					*15,040	10,560	11,750	7,630	11,570	7,500	(24.9)
1.5m	kg					7,290	4,600	5,250	3,380	5,080	3,280	7.67
4.9ft	lb					16,070	10,140	11,570	7,450	11,200	7,230	(25.2)
0.0m	kg			*10,600	6,680	7,170	4,490			5,250	3,370	7.46
0.0ft	lb			*23,370	14,730	15,810	9,900			11,570	7,430	(24.5)
-1.5m	kg			*10,130	6,700	7,160	4,480			5,850	3,730	6.92
-4.9ft	lb			*22,330	14,770	15,790	9,880			12,900	8,220	(22.7)
-3.0m	kg	*11,600	*11,600	*8,810	6,840					*6,360	4,660	5.95
-9.8ft	lb	*25,570	*25,570	*19,420	15,080					*14,020	10,270	(19.5)

5.70 m (18' 8") boom, 2.40 m (7' 10") arm equipped with 600 mm (24") triple grouser shoe, and 3,800 kg (8,380 lb) counterweight.

Load point height m (ft)		Load radius								At max. reach		
		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach
												m (ft)
7.5m	kg									*5,580	*5,580	5.62
24.6ft	lb									*12,300	*12,300	(18.4)
6.0m	kg					*5,340	5,180			*5,390	4,140	6.85
19.7ft	lb					*11,770	11,420			*11,880	9,130	(22.5)
4.5m	kg			*6,820	*6,820	*5,770	5,030	*5,380	3,530	5,320	3,460	7.58
14.8ft	lb			*15,040	*15,040	*12,720	11,090	*11,860	7,780	11,730	7,630	(24.9)
3.0m	kg			*8,560	7,270	*6,520	4,800	5,330	3,450	4,850	3,140	7.97
9.8ft	lb			*18,870	16,030	*14,370	10,580	11,750	7,610	10,690	6,920	(26.1)
1.5m	kg			*9,990	6,830	*7,250	4,580	5,220	3,350	4,700	3,030	8.06
4.9ft	lb			*22,020	15,060	*15,980	10,100	11,510	7,390	10,360	6,680	(26.4)
0.0m	kg			*10,530	6,630	7,130	4,450	5,150	3,290	4,830	3,090	7.85
0.0ft	lb			*23,210	14,620	15,720	9,810	11,350	7,250	10,650	6,810	(25.8)
-1.5m	kg	*9,270	*9,270	*10,280	6,610	7,080	4,410			5,320	3,390	7.34
-4.9ft	lb	*20,440	*20,440	*22,660	14,570	15,610	9,720			11,730	7,470	(24.1)
-3.0m	kg	*12,590	*12,590	*9,230	6,720	*6,790	4,490			*6,060	4,110	6.44
-9.8ft	lb	*27,760	*27,760	*20,350	14,820	*14,970	9,900			*13,360	9,060	(21.1)
-4.5m	kg			*6,620	*6,620							
-14.8ft	lb			*14,590	*14,590							

1. Lifting capacity are based on ISO 10567.
2. Lifting capacity of HX 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

HX225S L

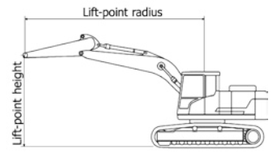
5.70 m (18' 8") boom, 2.9 m (9' 6") arm equipped with 600 mm (24") triple grouser shoe, and 3,800 kg (8,380 lb) counterweight.

Load point height m (ft)		Load radius										At max. reach		
		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 (24.6 ft)		Capacity		Reach
														m (ft)
7.5m	kg							*4,920	*4,920			*4,330	*4,330	6.21
24.6ft	lb							*10,850	*10,850			*9,550	*9,550	(20.4)
6.0m	kg							*4,830	*4,830			*4,030	3,730	7.34
19.7ft	lb							*10,650	*10,650			*8,880	8,220	(24.1)
4.5m	kg					*6,130	*6,130	*5,330	5,080	*4,960	3,560	*3,960	3,170	8.03
14.8ft	lb					*13,510	*13,510	*11,750	11,200	*10,930	7,850	*8,730	6,990	(26.3)
3.0m	kg					*7,880	7,390	*6,120	4,830	*5,300	3,450	*4,060	2,890	8.39
9.8ft	lb					*17,370	16,290	*13,490	10,650	*11,680	7,610	*8,950	6,370	(27.5)
1.5m	kg					*9,500	6,880	*6,940	4,590	5,210	3,340	*4,320	2,780	8.48
4.9ft	lb					*20,940	15,170	*15,300	10,120	11,490	7,360	*9,520	6,130	(27.8)
0.0m	kg			*4,930	*4,930	*10,340	6,600	7,100	4,420	5,110	3,250	4,430	2,830	8.29
0.0ft	lb			*10,870	*10,870	*22,800	14,550	15,650	9,740	11,270	7,170	9,770	6,240	(27.2)
-1.5m	kg	*5,620	*5,620	*9,400	*9,400	*10,370	6,530	7,020	4,340	5,080	3,220	4,820	3,060	7.80
-4.9ft	lb	*12,390	*12,390	*20,720	*20,720	*22,860	14,400	15,480	9,570	11,200	7,100	10,630	6,750	(25.6)
-3.0m	kg			*13,630	12,860	*9,640	6,590	7,060	4,380			5,710	3,610	6.96
-9.8ft	lb			*30,050	28,350	*21,250	14,530	15,560	9,660			12,590	7,960	(22.8)
-4.5m	kg			*10,720	*10,720	*7,730	6,810					*5,820	5,020	5.60
-14.8ft	lb			*23,630	*23,630	*17,040	15,010					*12,830	11,070	(18.4)

5.70 m (18' 8") boom, 3.5 m (12' 10") arm equipped with 600 mm (24") triple grouser shoe, and 3,800 kg (8,380 lb) counterweight.

Load point height m (ft)		Load radius										At max. reach		
		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 (24.6 ft)		Capacity		Reach
														m (ft)
7.5m	kg											*3,630	*3,630	6.89
24.6ft	lb											*8,000	*8,000	(22.6)
6.0m	kg									*4,310	3,650	*3,420	3,310	7.91
19.7ft	lb									*9,500	8,050	*7,540	7,300	(26.0)
4.5m	kg							*4,750	*4,750	*4,490	3,580	*3,390	2,840	8.56
14.8ft	lb							*10,470	*10,470	*9,900	7,890	*7,470	6,260	(28.1)
3.0m	kg			*10,620	*10,620	*6,980	*6,980	*5,590	4,870	*4,890	3,450	*3,480	2,600	8.90
9.8ft	lb			*23,410	*23,410	*15,390	*15,390	*12,320	10,740	*10,780	7,610	*7,670	5,730	(29.2)
1.5m	kg					*8,770	6,940	*6,490	4,580	5,180	3,300	*3,710	2,500	8.98
4.9ft	lb					*19,330	15,300	*14,310	10,100	11,420	7,280	*8,180	5,510	(29.5)
0.0m	kg			*6,220	*6,220	*9,930	6,550	7,050	4,360	5,050	3,180	4,000	2,530	8.80
0.0ft	lb			*13,710	*13,710	*21,890	14,440	15,540	9,610	11,130	7,010	8,820	5,580	(28.9)
-1.5m	kg	*5,440	*5,440	*9,200	*9,200	*10,290	6,400	6,920	4,240	4,980	3,120	4,290	2,700	8.35
-4.9ft	lb	*11,990	*11,990	*20,280	*20,280	*22,690	14,110	15,260	9,350	10,980	6,880	9,460	5,950	(27.4)
-3.0m	kg	*9,040	*9,040	*13,720	12,500	*9,900	6,410	6,910	4,240	5,010	3,150	4,950	3,110	7.57
-9.8ft	lb	*19,930	*19,930	*30,250	27,560	*21,830	14,130	15,230	9,350	11,050	6,940	10,910	6,860	(24.8)
-4.5m	kg			*12,180	*12,180	*8,570	6,560	*6,170	4,360			*5,640	4,060	6.34
-14.8ft	lb			*26,850	*26,850	*18,890	14,460	*13,600	9,610			*12,430	8,950	(20.8)

1. Lifting capacity are based on ISO 10567.
2. Lifting capacity of HX 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.



LIFTING CAPACITY

Rating over-front Rating over-side or 360 degree

HX225S L LONG REACH

8.5 m (27' 11") boom, 6.2 m (20' 4") arm equipped with 800 mm (32") triple grouser shoe, and 5,300 kg (11,690 lb) counterweight.

Load point height m (ft)		Load radius																At max. reach		
		1.5m (4.9ft)		3.0m (9.8ft)		4.5m (14.8ft)		6.0m (19.7ft)		7.5m (24.6ft)		9.0m (29.5ft)		10.5m (34.4ft)		12.0m (39.4ft)		13.5m (44.3ft)		Capacity		Reach
																				m (ft)
12.0m	kg																			*970	*970	9.79
39.4ft	lb																			*2,140	*2,140	(32.1)
10.5m	kg													*1,530	*1,530					*880	*880	11.17
34.4ft	lb													*3,370	*3,370					*1,940	*1,940	(36.6)
9.0m	kg													*2,000	*2,000	*1,090	*1,090			*830	*830	12.21
29.5ft	lb													*4,410	*4,410	*2,400	*2,400			*1,830	*1,830	(40.0)
7.5m	kg													*2,050	*2,050	*1,800	*1,800			*810	*810	12.99
24.6ft	lb													*4,520	*4,520	*3,970	*3,970			*1,790	*1,790	(42.6)
6.0m	kg													*2,170	*2,170	*2,110	2,010	*880	*880	*800	*800	13.55
19.7ft	lb													*4,780	*4,780	*4,650	4,430	*1,940	*1,940	*1,760	*1,760	(44.5)
4.5m	kg											*2,530	*2,530	*2,350	*2,350	*2,220	1,940	*1,430	*1,430	*810	*810	13.94
14.8ft	lb											*5,580	*5,580	*5,180	*5,180	*4,890	4,280	*3,150	*3,150	*1,790	*1,790	(45.7)
3.0m	kg					*5,420	*5,420	*4,030	*4,030	*3,300	*3,300	*2,850	*2,850	*2,560	2,350	*2,360	1,850	*1,770	1,460	*840	*840	14.15
9.8ft	lb					*11,950	*11,950	*8,880	*8,880	*7,280	*7,280	*6,280	*6,280	*5,640	5,180	*5,200	4,080	*3,900	3,220	*1,850	*1,850	(46.4)
1.5m	kg					*6,960	*6,960	*4,860	*4,860	*3,810	3,680	*3,180	2,810	*2,780	2,200	*2,510	1,760	*1,960	1,410	*880	*880	14.20
4.9ft	lb					*15,340	*15,340	*10,710	*10,710	*8,400	8,110	*7,010	6,190	*6,130	4,850	*5,530	3,880	*4,320	3,110	*1,940	*1,940	(46.6)
0.0m	kg			*2,670	*2,670	*6,320	*6,320	*5,550	4,540	*4,260	3,380	*3,490	2,610	*2,990	2,070	*2,650	1,670	*1,970	1,360	*940	*940	14.08
0.0ft	lb			*5,890	*5,890	*13,930	*13,930	*12,240	10,010	*9,390	7,450	*7,690	5,750	*6,590	4,560	*5,840	3,680	*4,340	3,000	*2,070	*2,070	(46.2)
-1.5m	kg	*2,530	*2,530	*3,460	*3,460	*6,060	*6,060	*6,000	4,240	*4,600	3,160	*3,740	2,460	*3,170	1,970	2,680	1,600	*1,670	1,320	*1,040	*1,040	13.81
-4.9ft	lb	*5,580	*5,580	*7,630	*7,630	*13,360	*13,360	*13,230	9,350	*10,140	6,970	*8,250	5,420	*6,990	4,340	5,910	3,530	*3,680	2,910	*2,290	*2,290	(45.3)
-3.0m	kg	*3,520	*3,520	*4,440	*4,440	*6,700	6,150	*6,220	4,090	*4,810	3,020	*3,900	2,360	3,180	1,890	2,640	1,560			*1,170	*1,170	13.36
-9.8ft	lb	*7,760	*7,760	*9,790	*9,790	*14,770	13,560	*13,710	9,020	*10,600	6,660	*8,600	5,200	7,010	4,170	5,820	3,440			*2,580	*2,580	(43.8)
-4.5m	kg	*4,540	*4,540	*5,560	*5,560	*7,810	6,170	*6,230	4,050	*4,860	2,970	3,900	2,310	3,150	1,860	2,630	1,550			*1,360	*1,360	12.71
-14.8ft	lb	*10,010	*10,010	*12,260	*12,260	*17,220	13,600	*13,730	8,930	*10,710	6,550	8,600	5,090	6,940	4,100	5,800	3,420			*3,000	*3,000	(41.7)
-6.0m	kg	*5,640	*5,640	*6,840	*6,840	*8,000	6,290	*6,020	4,090	*4,750	2,980	*3,870	2,320	3,170	1,880					*1,650	1,620	11.84
-19.7ft	lb	*12,430	*12,430	*15,080	*15,080	*17,640	13,870	*13,270	9,020	*10,470	6,570	*8,530	5,110	6,990	4,140					*3,640	3,570	(38.8)
-7.5m	kg	*6,860	*6,860	*8,360	*8,360	*7,280	6,490	*5,570	4,210	*4,430	3,060	*3,580	2,390	*2,850	1,970					*2,170	1,930	10.68
-24.6ft	lb	*15,120	*15,120	*18,430	*18,430	*16,050	14,310	*12,280	9,280	*9,770	6,750	*7,890	5,270	*6,280	4,340					*4,780	4,250	(35.0)
-9.0m	kg			*8,410	*8,410	*6,130	*6,130	*4,760	4,410	*3,760	3,230	*2,880	2,550							*2,800	2,510	9.13
-29.5ft	lb			*18,540	*18,540	*13,510	*13,510	*10,490	9,720	*8,290	7,120	*6,350	5,620							*6,170	5,530	(30.0)

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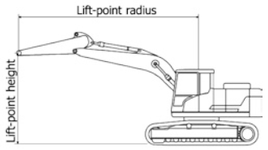
3. The Lift-point is bucket pivot mounting pin on the arm(without bucket mass).
4. (*) indicates load limited by hydraulic capacity.



Rating over-front Rating over-side or 360 degree

HX225S L HIGH WALKER

5.70 m (18' 8") boom, 2.00 m (6' 7") arm equipped with 600 mm (24") triple grouser shoe, and 3,800 kg (8,380 lb) counterweight.

Load point height m (ft)		Load radius								At max. reach		
		3.0m (9.8ft)		4.5m (14.8ft)		6.0m (19.7ft)		7.5m (24.6ft)		Capacity		Reach
												m (ft)
7.5m	kg									*6,050	*6,050	5.27
24.6ft	lb									*13,340	*13,340	(17.3)
6.0m	kg			*6,280	*6,280	*5,790	*5,790			*5,800	5,750	6.52
19.7ft	lb			*13,850	*13,850	*12,760	*12,760			*12,790	12,680	(21.4)
4.5m	kg			*7,590	*7,590	*6,210	*6,210			*5,780	4,820	7.25
14.8ft	lb			*16,730	*16,730	*13,690	*13,690			*12,740	10,630	(23.8)
3.0m	kg					*6,920	6,220	5,840	4,500	5,710	4,400	7.61
9.8ft	lb					*15,260	13,710	12,870	9,920	12,590	9,700	(25.0)
1.5m	kg					*7,550	6,030	5,760	4,420	5,580	4,290	7.66
4.9ft	lb					*16,640	13,290	12,700	9,740	12,300	9,460	(25.1)
0.0m	kg			*10,580	8,990	*7,800	5,920			5,820	4,460	7.41
0.0ft	lb			*23,320	19,820	*17,200	13,050			12,830	9,830	(24.3)
-1.5m	kg			*10,010	9,030	*7,500	5,930			*6,340	5,010	6.81
-4.9ft	lb			*22,070	19,910	*16,530	13,070			*13,980	11,050	(22.4)
-3.0m	kg	*11,230	*11,230	*8,540	*8,540					*6,330	*6,330	5.78
-9.8ft	lb	*24,760	*24,760	*18,830	*18,830					*13,960	*13,960	(18.9)

5.70 m (18' 8") boom, 2.40 m (7' 10") arm equipped with 600 mm (24") triple grouser shoe, and 3,800 kg (8,380 lb) counterweight.

Load point height m (ft)		Load radius								At max. reach		
		3.0m (9.8ft)		4.5m (14.8ft)		6.0m (19.7ft)		7.5m (24.6ft)		Capacity		Reach
												m (ft)
7.5m	kg									*5,540	*5,540	5.82
24.6ft	lb									*12,210	*12,210	(19.1)
6.0m	kg					*5,370	*5,370			*5,380	5,190	6.97
19.7ft	lb					*11,840	*11,840			*11,860	11,440	(22.9)
4.5m	kg			*7,040	*7,040	*5,860	*5,860	*5,390	4,580	*5,320	4,430	7.65
14.8ft	lb			*15,520	*15,520	*12,920	*12,920	*11,880	10,100	*11,730	9,770	(25.1)
3.0m	kg			*8,790	*8,790	*6,630	6,230	*5,650	4,490	5,280	4,070	8.00
9.8ft	lb			*19,380	*19,380	*14,620	13,730	*12,460	9,900	11,640	8,970	(26.2)
1.5m	kg			*10,120	9,110	*7,330	6,010	5,730	4,390	5,170	3,970	8.05
4.9ft	lb			*22,310	20,080	*16,160	13,250	12,630	9,680	11,400	8,750	(26.4)
0.0m	kg			*10,540	8,930	*7,710	5,880	5,660	4,330	5,360	4,110	7.80
0.0ft	lb			*23,240	19,690	*17,000	12,960	12,480	9,550	11,820	9,060	(25.6)
-1.5m	kg	*10,260	*10,260	*10,190	8,930	*7,580	5,850			5,960	4,550	7.25
-4.9ft	lb	*22,620	*22,620	*22,470	19,690	*16,710	12,900			13,140	10,030	(23.8)
-3.0m	kg	*12,250	*12,250	*9,010	*9,010	*6,560	5,960			*6,060	5,620	6.28
-9.8ft	lb	*27,010	*27,010	*19,860	*19,860	*14,460	13,140			*13,360	12,390	(20.6)

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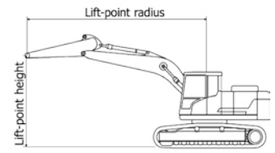
4. (*) indicates load limited by hydraulic capacity.



LIFTING CAPACITY

Rating over-front Rating over-side or 360 degree

HX225S L HIGH WALKER

5.70 m (18' 8") boom, 2.9 m (9' 6") arm equipped with 600 mm (24") triple grouser shoe, and 3,800 kg (8,380 lb) counterweight.

Load point height m (ft)		Load radius										At max. reach		
		1.5m (4.9ft)		3.0m (9.8ft)		4.5m (14.8ft)		6.0m (19.7ft)		7.5m (24.6ft)		Capacity		Reach
														m (ft)
7.5m	kg							*4,850	*4,850			*4,270	*4,270	6.40
24.6ft	lb							*10,690	*10,690			*9,410	*9,410	(21.0)
6.0m	kg							*4,870	*4,870			*4,010	*4,010	7.45
19.7ft	lb							*10,740	*10,740			*8,840	*8,840	(24.4)
4.5m	kg					*6,340	*6,340	*5,420	*5,420	*5,000	4,600	*3,970	*3,970	8.09
14.8ft	lb					*13,980	*13,980	*11,950	*11,950	*11,020	10,140	*8,750	*8,750	(26.6)
3.0m	kg					*8,120	*8,120	*6,240	*6,240	*5,350	4,490	*4,090	3,760	8.42
9.8ft	lb					*17,900	*17,900	*13,760	*13,760	*11,790	9,900	*9,020	8,290	(27.6)
1.5m	kg					*9,660	9,160	*7,040	6,010	5,710	4,370	*4,370	3,670	8.47
4.9ft	lb					*21,300	20,190	*15,520	13,250	12,590	9,630	*9,630	8,090	(27.8)
0.0m	kg			*5,470	*5,470	*10,390	8,890	*7,550	5,840	5,620	4,280	*4,890	3,770	8.24
0.0ft	lb			*12,060	*12,060	*22,910	19,600	*16,640	12,870	12,390	9,440	*10,780	8,310	(27.0)
-1.5m	kg	*6,250	*6,250	*10,100	*10,100	*10,320	8,840	*7,620	5,780	5,600	4,270	5,400	4,120	7.71
-4.9ft	lb	*13,780	*13,780	*22,270	*22,270	*22,750	19,490	*16,800	12,740	12,350	9,410	11,900	9,080	(25.3)
-3.0m	kg			*13,330	*13,330	*9,470	8,920	*7,000	5,840			*5,830	4,930	6.81
-9.8ft	lb			*29,390	*29,390	*20,880	19,670	*15,430	12,870			*12,850	10,870	(22.4)
-4.5m	kg			*10,170	*10,170	*7,310	*7,310					*5,780	*5,780	5.36
-14.8ft	lb			*22,420	*22,420	*16,120	*16,120					*12,740	*12,740	(17.6)

5.70 m (18' 8") boom, 3.5 m (11' 9") arm equipped with 600 mm (24") triple grouser shoe, and 3,800 kg (8,380 lb) counterweight.

Load point height m (ft)		Load radius										At max. reach		
		1.5m (4.9ft)		3.0m (9.8ft)		4.5m (14.8ft)		6.0m (19.7ft)		7.5m (24.6ft)		Capacity		Reach
														m (ft)
7.5m	kg											*3,590	*3,590	7.05
24.6ft	lb											*7,910	*7,910	(23.1)
6.0m	kg							*4,260	*4,260	*4,310	*4,310	*3,410	*3,410	8.02
19.7ft	lb							*9,390	*9,390	*9,500	*9,500	*7,520	*7,520	(26.3)
4.5m	kg							*4,850	*4,850	*4,530	*4,530	*3,400	*3,400	8.62
14.8ft	lb							*10,690	*10,690	*9,990	*9,990	*7,500	*7,500	(28.3)
3.0m	kg					*7,240	*7,240	*5,710	*5,710	*4,960	4,480	*3,510	3,410	8.93
9.8ft	lb					*15,960	*15,960	*12,590	*12,590	*10,930	9,880	*7,740	7,520	(29.3)
1.5m	kg					*8,970	*8,970	*6,600	6,000	*5,430	4,330	*3,750	3,320	8.97
4.9ft	lb					*19,780	*19,780	*14,550	13,230	*11,970	9,550	*8,270	7,320	(29.4)
0.0m	kg			*6,530	*6,530	*10,020	8,830	*7,260	5,790	5,560	4,220	*4,170	3,390	8.76
0.0ft	lb			*14,400	*14,400	*22,090	19,470	*16,010	12,760	12,260	9,300	*9,190	7,470	(28.7)
-1.5m	kg	*5,900	*5,900	*9,710	*9,710	*10,280	8,690	*7,520	5,680	5,500	4,160	4,810	3,660	8.26
-4.9ft	lb	*13,010	*13,010	*21,410	*21,410	*22,660	19,160	*16,580	12,520	12,130	9,170	10,600	8,070	(27.1)
-3.0m	kg	*9,580	*9,580	*14,270	*14,270	*9,790	8,720	*7,230	5,690			*5,470	4,250	7.43
-9.8ft	lb	*21,120	*21,120	*31,460	*31,460	*21,580	19,220	*15,940	12,540			*12,060	9,370	(24.4)
-4.5m	kg			*11,750	*11,750	*8,290	*8,290	*5,870	5,850			*5,650	*5,650	6.13
-14.8ft	lb			*25,900	*25,900	*18,280	*18,280	*12,940	12,900			*12,460	*12,460	(20.1)

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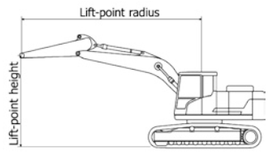
4. (*) indicates load limited by hydraulic capacity.



STANDARD / OPTION

ENGINE	STD	OPT
Hyundai HM5.9 engine	●	
HYDRAULIC SYSTEM	**STD**	**OPT**
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		●
CAB & INTERIOR	**STD**	**OPT**
ISO Standard Cabin		
Rise-up type windshield wiper	●	
Radio / USB player	●	
Handsfree mobile phone system with USB	●	
12 V power outlet (24 V DC to 12 V 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	●	
Sun visor	●	
Door and cab locks, one key	●	
Pilot-operated slidable joystick	●	
Automatic Climate Control		
Air conditioner & Heater	●	
Defroster	●	
Starting aid (air grid heater) for cold weather	●	
Centralized Monitoring		
8" LCD display - Normal type	●	
8" LCD display - Premium type		●
Engine speed or trip meter / Accel	●	
Engine coolant temperature gauge	●	
Max power	●	
Low speed / High speed	●	
Auto idle	●	
Overload	●	
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		
Mechanical suspension without heater	●	
Mechanical suspension with heater		●
Adjustable air suspension without heater		●
Adjustable air suspension with heater		●
Cabin FOPS		
FOPS (falling object protective structures) ISO 10262 level 2 — Front & Tops guard		●
FOPS (falling object protective structures) ISO 10262 level 2 — Tops guard		●
Cabin ROPS		
ROPS (roll over protective structures) ISO 12117-2		●

SAFETY	STD	OPT
Battery master switch	●	
Rearview camera		●
AAVM (advanced around view monitoring)		●
Four front working lights (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		●
Two outside rearview mirror	●	
ATTACHMENT	**STD**	**OPT**
Booms		
5.70 m, 18' 8" mono	●	
5.70 m, 18' 8" Heavy Duty		●
8.5 m, 27' 11" long reach		●
Arms		
2.0 m, 6' 7"		●
2.4 m, 7' 10"		●
2.90 m, 9' 6"	●	
2.90 m, 9' 6" Heavy Duty		●
3.5 m, 11' 6"		●
6.2 m, 20' 4" long reach		●
OTHER	**STD**	**OPT**
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 x 12 V 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		●
Accumulator for lowering work equipment	●	
Pattern change valve (4 patterns)		●
Fine swing control system		●
General type guardrail		●
Tool kit		●
Counterweight		
3.8 ton CWT	●	
4.2 ton CWT		●
5.3 ton CWT (LR)		●
UNDERCARRIAGE	**STD**	**OPT**
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")		●
Triple grousers shoe (900 mm, 36")		●
Double grousers shoe (600 mm, 24")		●
Double grousers shoe (700 mm, 28")		●
Track rail guard	●	
Full track rail guard		●

* Standard and optional equipment may vary. Contact your hyundai dealer for more information. The machine may vary according to international standards.
* The photos may include attachments and optional equipment that are not available in your area.
* Materials and specifications are subject to change without advance notice.
* All imperial measurements rounded off to the nearest pound or inch.