

HX210S / HX220S

Agriculture Use



Head Office(Sales Office)
11F, GLOBAL R&D CENTER, 477 BUNDANG SUSEO-RO, BUNDANG-GU, SEONGNAM-SI, GYEONGGI-DO, 13553, KOREA

PLEASE CONTACT

Gross Power
148 HP(110 kW) at 2,000rpm

Net Power
145 HP(108 kW) at 2,000rpm

Bucket Capacity
0.52 ~ 1.2m³

Operating Weight
HX210S 20,830 kg / 45,920 lb
HX220S 21,260 kg / 46,870 lb

WHAT'S NEWEST AND BEST

HX210S / HX220S



SUPERIOR PERFORMANCE

- New Variable Power Control
- Hyundai 6BTAA-5.9 (HM5.9)
- Reinforced Bucket and Bucket Linkage
- Powerful and Preciser Swing Control
- Strong and Stable Lower Frame
- Single Layer Cooling System
- Minimization of Shock and Vibration through Cab Mounting System

COMFORTABLE OPERATION

- New Front Side Air-conditioning System
- Smooth Travel Pedal and Foot Rests
- Improved Intelligent Display
- Easy-to-Reach Control Panels
- Wide Cab with Excellent Visibility
- Highly Sensitive Joystick and Easy Entrance
- Wide, Comfortable Operating Space



SERVICEABILITY AND EASY MAINTENANCE

- Easy to Maintain Engine Components
- Centralized Electric Control Box and Easy Change Air Cleaner Assembly
- Side Cover with Left & Right Swing Open Type
- Large tool box for extra storage
- Highly efficient Hydraulic Pump
- Hi-MATE (Remote Management System) Option



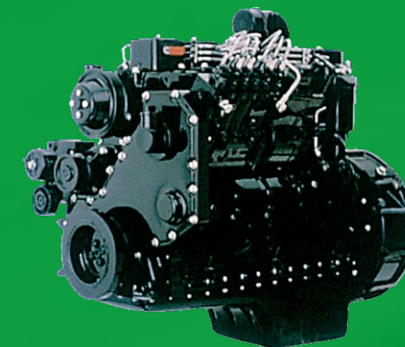
SUPERIOR PERFORMANCE

A new chapter in construction equipment has begun.
Making the dream a reality.



**BUILT FOR MAXIMUM POWER,
PERFORMANCE, RELIABILITY.**

Hyundai 6BTAA-5.9(HM5.9) Engine



The six cylinders, turbo-charged, 4 cycle, charger air cooled engine is built for power, reliability, economy and low emissions.

Reinforced Bucket and Bucket Linkage



Sealed and adjustable bucket linkage provides less wear of pins and bushes as well as silent operation. The design includes bucket link durability and anti wear characteristics. Additional reinforcement plates on cutting edge section. Reinforced bucket is made with thicker steel and additional lateral plate.

Powerful and Preciser Swing Control



Improved shock absorbing characteristics make stopping a precise and smooth action.

A More Reliable Way To Reach You Dream.

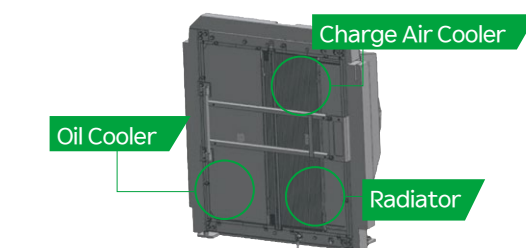
The Hyundai 6BTAA-5.9(HM5.9) engine has been designed with 40% fewer parts than the competition. The weight of the machine is reduced without sacrificing strength. You get a proven power plant that meets ecological concerns, without paying a premium for technology you don't need.

Strong and Stable Lower Frame



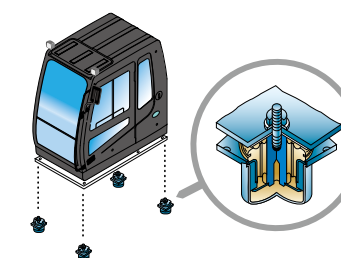
Reinforced box-section frame welded, low-stress, high-strength steel. guarantees safety and resistance against external impact when driving on rough ground and working on wet sites through high tensile strength steel panels, with highly durable upper and lower rollers and track guards.

Single Layer Cooling System



1. Improved cooling performance by changing over to 3 column type structure in a row
2. Easy to clean without disassembling anentire radiator total assembly

Minimization of Shock and Vibration through Cab Mounting System



The application of Viscous Mounting to the cab-in support provides the operator with a much improved ride. The operator work efficiency will increase as the shock and noise level in the cabin decreases.



COMFORTABLE OPERATION

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.

**OPERATOR'S COMFORT FOREMOST.
WIDE CAB EXCEEDS INDUSTRY STANDARDS.**

Improved Intelligent Display



Instrument Panel is installed in front of RH console box. It is easy to check all critical systems with easy-to-read indicators.

Smooth Travel Pedal and Foot Rests



Easy-to-Reach Control Panels



Switches and other essential controls are located near the operator. This helps keep operator movement to a minimum, enhancing control with less operator fatigue.

Wide Cab with Excellent Visibility



The cab is roomy and ergonomically designed with low noise level and good visibility. A full view front window and large rear and side windows provide excellent visibility in all directions.

Highly Sensitive Joystick and Easy Entrance



New joystick grips for precise control have been equipped with double switches.
- Left: One touch deceleration
- Right: Horn / Optional

Wide, Comfortable Operating Space



All the controls are designed and positioned according to the latest ergonomic research. Reinforced pillars have also been added for greater cab rigidity.



SERVICEABILITY AND EASY MAINTENANCE

New Cabin for More Comfort.

Low noise, low vibration, and ergonomic design make the cabin space more comfortable and pleasant! With focus on safety and convenience of operators, the HX Series allows rapid and safe equipment inspection anytime and anywhere, providing an optimal environment for operators to work.



HiMATE Option

IT'S CONVENIENT, EASY AND VALUABLE

Hi MATE, Hyundai's newly developed remote management system, utilizes GPS-satellite technology 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

Easy to Maintain Engine Components



The cooling system is provided for optimum operation, guaranteeing longer life for the engine and hydraulic components. Servicing of the engine and hydraulics is considerably simplified due to total accessibility.

Centralized Electric Control Box and Easy Change Air Cleaner Assembly



Electric control box and Air cleaner are centralized in one or the same compartment for easy service.

Side Cover with Left & Right Swing Open Type



Easy access to vital components gives unrestricted view of component allows easy maintenance and repair.

HX210S / HX220S

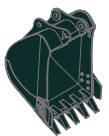
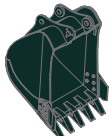



SPECIFICATIONS

ENGINE				
Maker / Model		Hyundai 6BTAA-5.9 (HM5.9)		
Type		Water cooled, 4 cycle Diesel, 6-Cylinders in line, direct injection, Turbocharged, charge air cooled, Low emission		
Rated Flywheel Horse Power	SAE	J1995 (gross)	148 HP (110 kW) at 2,000 rpm	
		J1349 (net)	145 HP (108 kW) at 2,000 rpm	
	DIN	6271/1 (gross)	150 PS (110 kW) at 2,000 rpm	
		6271/1 (net)	147 PS (108 kW) at 2,000 rpm	
Max. Torque		64 kgf · m (463 lbf · ft) at 1,300 rpm		
Bore X Stroke		102 X 120 mm (4" X 4.7")		
Piston Displacement		5,900 cc (360 in³)		
Batteries		2 X 12 V X 100 Ah		
Starting Motor		24 V, 4.5 kW		
Alternator		24 V, 70 Amp		
HYDRAULIC SYSTEM				
MAIN PUMP				
Type		Variable displacement tandem-axis piston pumps		
Max. Flow		2X 234 ℓ /min (61.8USgpm / 51.4UK gpm)		
Sub-Pump for Pilot Circuit		Gear pump		
Cross-sensing and fuel saving pump system				
HYDRAULIC MOTORS				
Travel		Two speed axial pistons motor with brake valve and parking brake		
Swing		Axial piston motor with automatic brake		
RELIEF VALVE SETTING				
Implement Circuits		350 kgf/cm² (4,978 psi)		
Travel		350 kgf/cm² (4,978 psi)		
Swing Circuit		265 kgf/cm² (3,769 psi)		
Pilot Circuit		40 kgf/cm² (568 psi)		
Service Valve		Installed		
HYDRAULIC CYLINDERS				
No. of Cylinder		Boom: 2-120 X 1,290 mm (4.7" X 50.8")		
Bore X Stroke		Arm: 1-140 X 1,443 mm (5.5" X 59.4")		
		Bucket: 1-120 X 1,060 mm (4.72" X 41.5")		
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 (46,500 lbf)		
Max. Travel Speed (high / low)		5.7 km/hr (3.54 mph) / 3.5 km/hr (2.17 mph)		
Gradeability		35° (70 %)		
Parking Brake		Multi wet disc		
CONTROL				
Pilot pressure operated joysticks and pedals with detachable lever provide almost effortless and fatigueless operation.				
Pilot Control		Two joysticks with one safety lever (LH): Swing and arm, (RH): Boom and bucket (ISO)		
Traveling and Steering		Two levers with pedals		
Engine Throttle		Electric, Dial type		
Lights		One light mounted on the boom and one in the battery box		

SWING SYSTEM				
Swing Motor	Fixed displacement axial pistons motor			
Swing Reduction	Planetary gear reduction			
Swing Bearing lubrication	Grease-bathed			
Swing Brake	Multi wet disc			
Swing Speed	12.2 rpm			
SERVICE CAPACITIES				
	liter	US gal	UK gal	
Fuel Tank	340	89.8	74.8	
Engine Coolant	20	5.3	4.4	
Engine Oil	20	5.3	4.4	
Swing Device	6.2	1.3	1.1	
Final Drive (Each)	4.5	1.6	1.3	
Hydraulic System (Including Tank)	275	72.6	60.5	
Hydraulic Tank	160	42.3	35.2	
*() :option				
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	HX210S		HX220S	
Center Frame	X-leg type		X-leg type	
Track Frame	Pentagonal box type		Pentagonal box type	
No. of Shoes on Each Side	46 EA		49 EA	
No. of Carrier Rollers on Each Side	2 EA		2 EA	
No. of Track Rollers on Each Side	7 EA		8 EA	
No. of Rail Guards on Each Side	1 EA		2 EA	
OPERATING WEIGHT (APPROXIMATE)				
Operating weight, including 5,700 mm (18' 8") boom, 2,900 mm (9' 6") arm, SAE heaped 0.92m³ (1.20 yd³) bucket, lubricant, coolant, full fuel tank, full hydraulic tank, and all standard equipments.				
MAJOR COMPONENT WEIGHT				
Upperstructure	5,600 kg (12,350 lb)			
Counterweight	3,600 kg (7,937 lb)			
Boom (with Arm Cylinder)	1,950 kg (4,300 lb)			
OPERATING WEIGHT				
Shoes		Operating Weight		Ground Pressure
Type	Width mm (in)	kg (lb)		kgf/cm² (psi)
Triple Grouser	600 (24")	HX210S	20,830 (45,920)	0.48 (6.81)
		HX220S	21,260 (46,870)	0.45 (6.45)
	700 (28")	HX220S	21,750 (47,950)	0.40 (5.66)
		800 (32")	HX210S	21,380 (47,140)
	HX220S		22,040 (48,590)	0.35 (5.02)
	HX220S LR		24,390 (53,770)	0.39 (5.55)

HX210S / HX220S

BUCKET SELECTION GUIDE & DIGGING FORCE

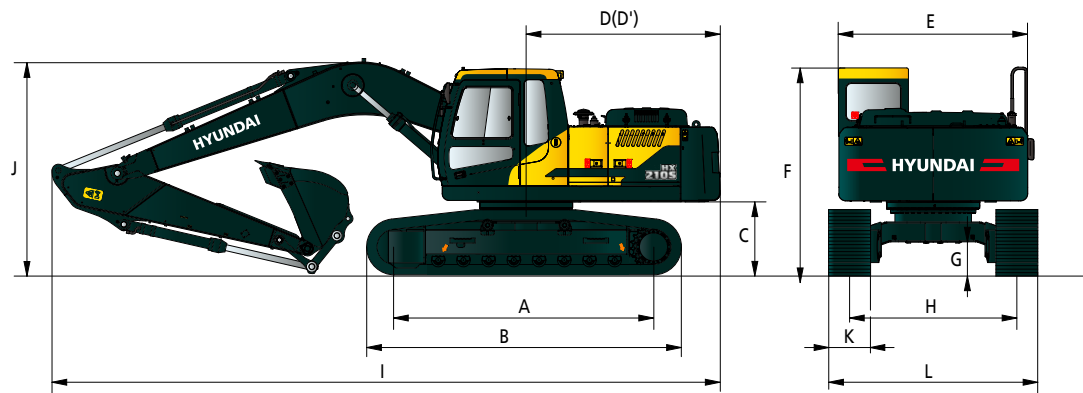
BUCKETS														
All buckets are welded with high-strength steel.														
														
			◎ 0.92 (1.20)	◎ 1.05 (1.37) ◎ 1.17 (1.53)	◆ 0.92 (1.20) ◆ 1.08 (1.41)	◆ 0.91 (1.19) ◆ 1.23 (1.61) ◆ 0.87 (1.14) ◆ 1.20 (1.57)	★ 0.51 (0.67)							
SAE heaped m³ (yd³)														
Capacity m³ (yd³)			Width mm (in)		Weight kg (lb)	Tooth EA	Recommendation mm (ft-in)							
			5,700 (18' 8") Boom 5,700 (18' 8") Boom 5,700 (18' 8") Boom 5,680 (18' 8") Boom 5,680 (18' 8") Boom 5,680 (18' 8") Boom 8,500 (27' 11") Boom											
			3.6 ton CWT				4.2 ton CWT		5.3 ton CWT					
Type	SAE heaped	CECE heaped	Without Side Cutters	With Side Cutters			2,000 (6' 7") Arm	2,400 (7' 10") Arm	2,900 (9' 6") Arm	2,000 (6' 7") Arm	2,400 (7' 10") Arm	2,900 (9' 6") Arm	6,200 (20' 4") Arm	
HX210S	◎ 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	■	▲	▲	●	■	▲	-	
	◆ 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	●	■	■	●	●	■	-	
	◆ 1.23 (1.61)	1.11 (1.45)	1,350 (53.1")	1,395 (54.9")	1,240 (2,730)	5	▲	▲	-	■	▲	▲	-	
	◆ 0.87 (1.14)	0.75 (0.98)	1,150 (45.3")	-	875 (1,930)	5	■	●	■	■	●	●	-	
HX220S	◆ 1.20 (1.57)	1.00 (1.31)	1,425 (56.1")	-	990 (2,180)	5	■	▲	▲	■	■	■	▲	-
	◎ 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	●	■	■	●	●	■	-	
	◆ 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	■	●	●	●	●	●	-	
	◆ 1.23 (1.61)	1.11 (1.45)	1,350 (53.1")	1,395 (54.9")	1,240 (2,730)	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)	1,865 (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														
5.70 m (18' 8"), 8.50 m (27' 11") Booms and 2.0 m (6' 7"), 2.4m (7' 10"), 2.9 m (9' 6"), 6.2 m (20' 4") Arms are available.														
DIGGING FORCE														
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")		6,200 (20' 4")				
	Weight	kg (lb)		820 (1,810)		900 (1,980)		985 (2,170)		1,295 (2,850)				
Bucket Digging Force	SAE		kN	130.4 [141.6]		130.4 [141.6]		130.4 [141.6]		68.0 [73.7]				
			kgf	13,300 [14,440]		13,300 [14,440]		13,300 [14,440]		6,930 [7,520]				
			lbf	29,320 [31,830]		29,320 [31,830]		29,320 [31,830]		15,280 [16,580]				
		ISO	kN	152.3 [165.3]		152.3 [165.3]		152.3 [165.3]		80.3 [87.2]				
			kgf	15,530 [16,860]		15,530 [16,860]		15,530 [16,860]		8,190 [8,890]				
			lbf	34,240 [37,170]		34,240 [37,170]		34,240 [37,170]		18,060 [19,600]				
Arm Crowd Force	SAE		kN	144.3 [156.6]		119.3 [129.4]		102.8 [111.6]		49.5 [53.7]				
			kgf	14,710 [15,970]		12,160 [13,200]		10,480 [11,380]		5,050 [5,480]				
			lbf	32,430 [35,210]		26,810 [29,100]		23,100 [25,090]		11,130 [12,080]				
		ISO	kN	152.0 [165.0]		124.7 [135.4]		106.9 [116.0]		50.5 [54.8]				
			kgf	15,500 [16,830]		12,720 [13,810]		10,900 [11,830]		5,150 [5,590]				
			lbf	34,170 [37,100]		28,040 [30,450]		24,030 [26,080]		11,350 [12,320]				
Note: Boom weight includes arm cylinder, piping, and pin Arm weight includes bucket cylinder, linkage, and pin														

HX210S / HX220S

DIMENSIONS & WORKING RANGE

HX210S/HX220S DIMENSIONS

5.70 m (18' 8") Boom and 2.0 m (6' 7"), 2.4 m (7' 10"), 2.9 m (9' 6") Arm



Unit : mm (ft·in)

Model	HX210S	HX220S
A Tumbler Distance	3,270 (10' 9")	3,650 (12' 0")
*B Overall Length of Crawler	4,066 (13' 4")	4,443 (14' 5")
C Ground Clearance of Counterweight	1,095 (3' 7")	1,095 (3' 7")
D Tail Swing Radius	2,845 (9' 4")	2,845 (9' 4")
D' Rear-end Length	2,770 (9' 1")	2,770 (9' 1")
E Overall Width of Upperstructure	2,700 (8' 10")	2,700 (8' 10")
F Overall Height of Cab	3,035 (9' 11")	3,035 (9' 11")
G Min. Ground Clearance	475 (1' 7")	475 (1' 7")
H Track Gauge	2,200 (7' 3")	2,390 (7' 10")

Boom length	5,700 (18' 8")		
Arm length	2,000 (6' 7")	2,400 (7' 10")	2,900 (9' 6")
I Overall Length	9,620 (31' 7")	9,575 (31' 5")	9,550 (31' 4")
J Overall Height of Boom	3,115 (10' 3")	3,020 (9' 11")	2,960 (9' 9")

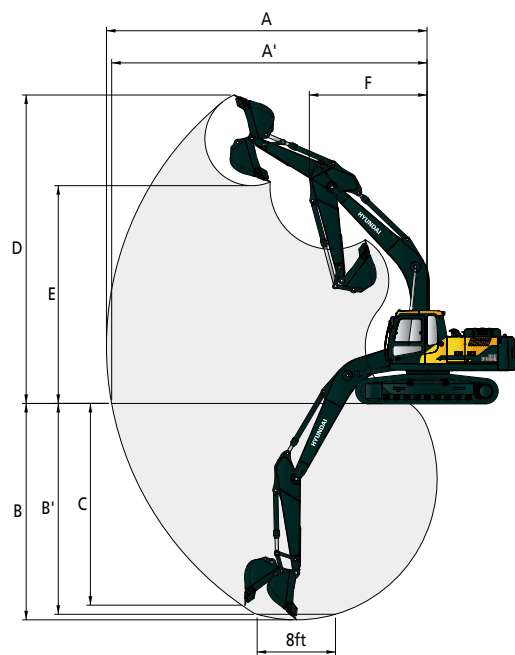
HX210S

K Track Shoe Width	Type	Triple Grouser	
	Width	600 (24")	800 (32")
L Overall Width	2,800 (9' 2")		3,000 (9' 10")

HX220S

K	Track Shoe Width	Type	Triple Grouser		
		Width	600 (24")	700 (28")	800 (32")
L	Overall Width		2,990 (9' 10")	3,090 (10' 2")	3,190 (10' 6")

HX210S/HX220S WORKING RANGE

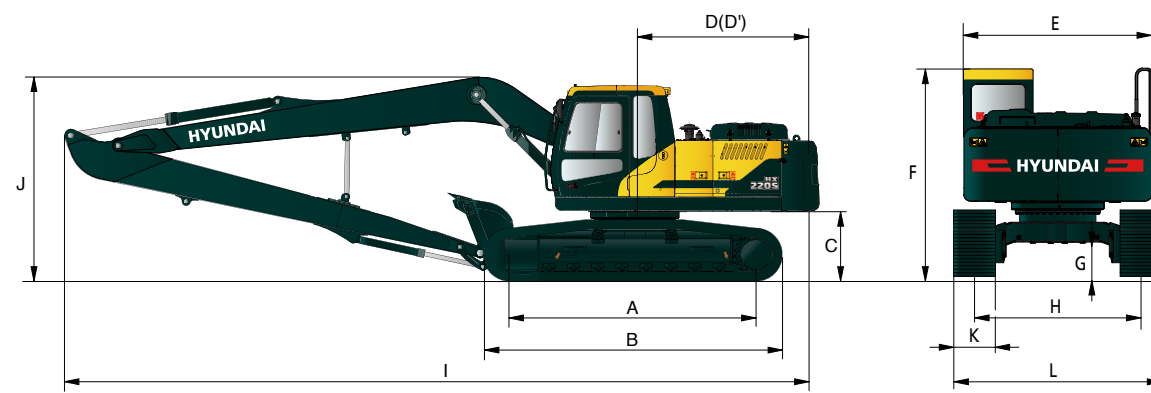


Unit : mm (ft·in)

Model	HX210S/220S		
Boom Length	5,700 (18' 8")		
Arm Length	2,000 (6' 7")	2,400 (7' 10")	2,900 (9' 6")
A Max. Digging Reach	9,145 (30' 0")	9,525 (31' 3")	9,945 (32' 8")
A' Max. Digging Reach on Ground	8,960 (29' 5")	9,355 (30' 8")	9,780 (32' 1")
B Max. Digging Depth	5,585 (18' 4")	5,990 (19' 8")	6,500 (21' 4")
B' Max. Digging Depth (8' Level)	5,360 (17' 7")	5,790 (19' 0")	6,315 (20' 9")
C Max. Vertical Wall Digging Depth	5,070 (16' 8")	5,445 (17' 10")	5,960 (19' 7")
D Max. Digging Height	9,370 (30' 9")	9,625 (31' 7")	9,750 (32' 0")
E Max. Dumping Height	6,580 (21' 7")	6,830 (22' 5")	6,990 (22' 11")
F Min. Swing Radius	3,715 (12' 2")	3,400 (11' 2")	3,425 (11' 3")

HX220S LONG REACH DIMENSIONS

8.50 m (27' 11") boom, 6.2 m (20' 4") arm

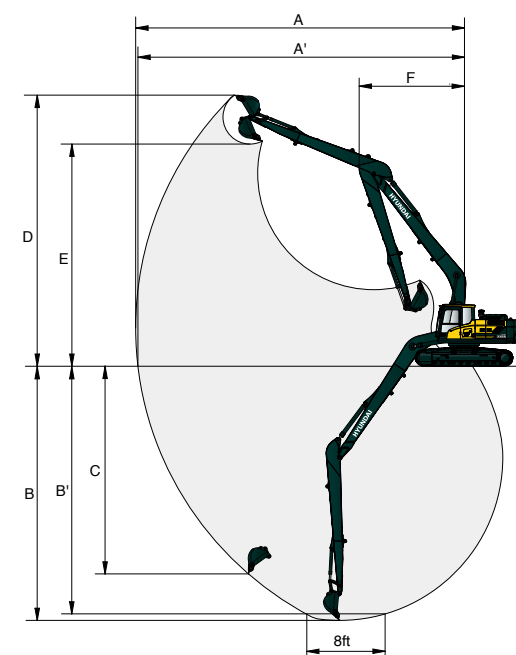


Unit : mm (ft·in)

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	475 (1' 7")
H Track Gauge	2,390 (7' 10")

Boom Length	8,500 (27' 11")
Arm Length	6,200 (20' 4")
I Overall Length	12,345 (40' 6")
J Overall Height of Boom	3,365 (11' 0")
K Track Shoe Width	800 (32")
L Overall Width	3,190 (10' 6")

HX220S 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")

LIFTING CAPACITY











 Rating over-front  Rating over-side or 360 degree

HX210S MONO BOOM











5.70 m (18' 8") boom, 2.00 m (6' 7") arm equipped with 600 mm (24") triple grouser shoe and 3,600 kg counter weight

Load Point Height m (ft)		Lift-Point 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 24.6ft	kg lb									*6,130 *13,510	5,770 12,720	5.05 (16.6)
6.0m 19.7ft	kg lb			*6,180 *13,620	*6,180 *13,620	*5,780 *12,740	4,360 9,610			*5,810 *12,810	3,910 8,620	6.39 (21.0)
4.5m 14.8ft	kg lb			*7,370 *16,250	6,540 14,420	*6,130 *13,510	4,240 9,350			4,890 10,780	3,190 7,030	7.17 (23.5)
3.0m 9.8ft	kg lb					6,300 13,890	4,030 8,880	4,490 9,900	2,900 6,390	4,410 9,720	2,850 6,280	7.58 (24.9)
1.5m 4.9ft	kg lb					6,090 13,430	3,840 8,470	4,410 9,720	2,830 6,240	4,260 9,390	2,740 6,040	7.67 (25.2)
0.0m 0.0ft	kg lb			9,270 20,440	5,530 12,190	5,970 13,160	3,730 8,220			4,400 9,700	2,810 6,190	7.46 (24.5)
-1.5m -4.9ft	kg lb			9,290 20,480	5,550 12,240	5,960 13,140	3,720 8,200			4,900 10,800	3,110 6,860	6.92 (22.7)
-3.0m -9.8ft	kg lb	*11,600 *25,570	10,880 23,990	*8,810 *19,420	5,680 12,520					6,180 13,620	3,900 8,600	5.95 (19.5)

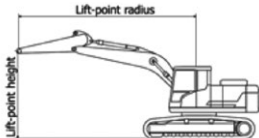
5.70 m (18' 8") boom, 2.40 m (7' 10") arm equipped with 600 mm (24") triple grouser shoe and 3,600 kg counter weight

Load Point Height m (ft)		Lift-Point 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 24.6ft	kg lb									*5,580 *12,300	4,880 10,760	5.62 (18.4)
6.0m 19.7ft	kg lb					*5,340 *11,770	4,410 9,720			5,360 11,820	3,510 7,740	6.85 (22.5)
4.5m 14.8ft	kg lb			*6,830 *15,060	6,630 14,620	*5,770 *12,720	4,260 9,390	4,570 10,080	2,970 6,550	4,480 9,880	2,910 6,420	7.58 (24.9)
3.0m 9.8ft	kg lb			*8,560 *18,870	6,090 13,430	6,320 13,930	4,040 8,910	4,480 9,880	2,890 6,370	4,070 8,970	2,620 5,780	7.97 (26.1)
1.5m 4.9ft	kg lb			9,440 20,810	5,660 12,480	6,080 13,400	3,830 8,440	4,380 9,660	2,800 6,170	3,940 8,690	2,520 5,560	8.06 (26.4)
0.0m 0.0ft	kg lb			9,220 20,330	5,480 12,080	5,930 13,070	3,690 8,140	4,310 9,500	2,730 6,020	4,040 8,910	2,570 5,670	7.85 (25.8)
-1.5m -4.9ft	kg lb	*9,280 *20,460	*9,280 *20,460	9,200 20,280	5,460 12,040	5,890 12,990	3,660 8,070			4,450 9,810	2,820 6,220	7.34 (24.1)
-3.0m -9.8ft	kg lb	*12,580 *27,730	10,660 23,500	*9,230 *20,350	5,560 12,260	5,970 13,160	3,730 8,220			5,430 11,970	3,420 7,540	6.44 (21.1)
-4.5m -14.8ft	kg lb			*6,610 *14,570	5,840 12,870							

5.70 m (18' 8") boom, 2.90 m (9' 6") arm equipped with 600 mm (24") triple grouser shoe and 3,600 kg counter weight

Load Point Height m (ft)		Lift-Point Radius								At Max. Reach		
		1.5m (4.9ft)		3.0m (9.8ft)		4.5m (14.8ft)		6.0m (19.7ft)		7.5m (24.6ft)		Reach
												m (ft)
7.5m 24.6ft	kg lb							*4,920 *10,850	4,480 9,880			6.21 (20.4)
6.0m 19.7ft	kg lb							*4,830 *10,650	4,470 9,850			7.34 (24.1)
4.5m 14.8ft	kg lb					*6,130 *13,510	*6,130 *13,510	4,310 9,500	4,600 10,140	3,000 6,610		8.03 (26.3)
3.0m 9.8ft	kg lb					*7,880 *17,370	6,210 13,690	*6,120 *13,490	4,070 8,970	4,490 9,900	2,890 6,370	8.39 (27.5)
1.5m 4.9ft	kg lb					*9,500 *20,940	5,710 12,590	6,090 13,430	3,830 8,440	4,360 9,610	2,780 6,130	8.48 (27.8)
0.0m 0.0ft	kg lb			*4,930 *10,870	*4,930 *10,870	9,190 20,260	5,440 11,990	5,900 13,010	3,660 8,070	4,270 9,410	2,690 5,930	8.28 (27.2)
-1.5m -4.9ft	kg lb	*5,620 *12,390	*5,620 *12,390	*9,410 *20,750	*9,410 *20,750	9,110 20,080	5,370 11,840	5,820 12,830	3,590 7,910	4,240 9,350	2,660 5,860	7.80 (25.6)
-3.0m -9.8ft	kg lb			*13,620 *30,030	10,420 22,970	9,180 20,240	5,430 11,970	5,860 12,920	3,620 7,980			6.96 (22.8)
-4.5m -14.8ft	kg lb			*10,720 *23,630	*10,720 *23,630	*7,730 *17,040	5,640 12,430					5.60 (18.4)











- 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

HX220S MONO BOOM












5.70 m (18' 8") boom, 2.00 m (6' 7") arm equipped with 600 mm (24") triple grouser shoe and 3,600 kg counter weight

Load Point Height m (ft)		Lift-Point 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 24.6ft	kg lb									*6,130 *13,510	*6,130 *13,510	5.05 (16.6)
6.0m 19.7ft	kg lb			*6,170 *13,600	*6,170 *13,600	*5,780 *12,740	4,850 10,690			*5,810 *12,810	4,360 9,610	6.39 (21.0)
4.5m 14.8ft	kg lb			*7,370 *16,250	7,320 16,140	*6,130 *13,510	4,720 10,410			5,510 12,150	3,560 7,850	7.17 (23.5)
3.0m 9.8ft	kg lb					*6,820 *15,040	4,510 9,940	5,060 11,160	3,250 7,170	4,970 10,960	3,190 7,030	7.58 (24.9)
1.5m 4.9ft	kg lb					6,910 15,230	4,320 9,520	4,970 10,960	3,170 6,990	4,810 10,600	3,070 6,770	7.67 (25.2)
0.0m 0.0ft	kg lb			*10,600 *23,370	6,270 13,820	6,790 14,970	4,210 9,280			4,970 10,960	3,150 6,940	7.46 (24.5)
-1.5m -4.9ft	kg lb			*10,130 *22,330	6,290 13,870	6,780 14,950	4,200 9,260			5,540 12,210	3,500 7,720	6.92 (22.7)
-3.0m -9.8ft	kg lb	*11,600 *25,570	*11,600 *25,570	*8,810 *19,420	6,430 14,180					*6,360 *14,020	4,380 9,660	5.95 (19.5)

5.70 m (18' 8") boom, 2.40 m (7' 10") arm equipped with 600 mm (24") triple grouser shoe and 3,600 kg counter weight

Load Point Height m (ft)		Lift-Point 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 24.6ft	kg lb									*5,580 *12,300	5,430 11,970	5.62 (18.4)
6.0m 19.7ft	kg lb					*5,340 *11,770	4,900 10,800			*5,390 *11,880	3,910 8,620	6.85 (22.5)
4.5m 14.8ft	kg lb			*6,820 *15,040	*6,820 *15,040	*5,770 *12,720	4,750 10,470	5,140 11,330	3,320 7,320	5,040 11,110	3,250 7,170	7.58 (24.9)
3.0m 9.8ft	kg lb			*8,560 *18,870	6,860 15,120	*6,520 *14,370	4,520 9,960	5,050 11,130	3,240 7,140	4,590 10,120	2,940 6,480	7.97 (26.1)
1.5m 4.9ft	kg lb			*9,990 *22,020	6,420 14,150	6,910 15,230	4,300 9,480	4,950 10,910	3,140 6,920	4,450 9,810	2,830 6,240	8.06 (26.4)
0.0m 0.0ft	kg lb			*10,530 *23,210	6,220 13,710	6,750 14,880	4,170 9,190	4,870 10,740	3,080 6,790	4,570 10,080	2,890 6,370	7.85 (25.8)
-1.5m -4.9ft	kg lb	*9,270 *20,440	*9,270 *20,440	*10,280 *22,660	6,200 13,670	6,710 14,790	4,130 9,110			5,030 11,090	3,170 6,990	7.34 (24.1)
-3.0m -9.8ft	kg lb	*12,590 *27,760	12,350 27,230	*9,230 *20,350	6,310 13,910	*6,790 *14,970	4,210 9,280			*6,060 *13,360	3,850 8,490	6.44 (21.1)
-4.5m -14.8ft	kg lb			*6,620 *14,590	6,600 14,550							

















5.70 m (18' 8") boom, 2.90 m (9' 6") arm equipped with 600 mm (24") triple grouser shoe and 3,600 kg counter weight

Load Point Height m (ft)		Lift-Point 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													
24.6ft	lb													
6.0m	kg													
19.7ft	lb													
4.5m	kg													
14.8ft	lb													
3.0m	kg													
9.8ft	lb													
1.5m	kg													
4.9ft	lb													
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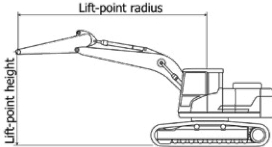
HX210S / HX220S

LIFTING CAPACITY



HX220S LONG REACH BOOM																				
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)		Lift-Point 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				*830	*830	12.21
29.5ft	lb												*4,410	*4,410				*1,830	*1,830	(40.0)
7.5m	kg												*2,050	*2,050				*810	*810	12.99
24.6ft	lb												*4,520	*4,520				*1,790	*1,790	(42.6)
6.0m	kg												*2,170	*2,170		*2,110	1,940	*880	*880	13.55
19.7ft	lb												*4,780	*4,780		*4,650	4,280	*1,940	*1,940	(44.5)
4.5m	kg												*2,530	*2,530		*2,350	*2,350	*2,220	1,860	13.94
14.8ft	lb												*5,580	*5,580		*5,180	*5,180	*4,890	4,100	(45.7)
3.0m	kg					*5,420	*5,420	*4,030	*4,030	*3,300	*3,300		*2,850	*2,850		*2,560	2,260	*2,360	1,770	14.15
9.8ft	lb					*11,950	*11,950	*8,880	*8,880	*7,280	*7,280		*6,280	*6,280		*5,640	4,980	*5,200	3,900	(46.4)
1.5m	kg					*6,960	*6,960	*4,860	4,840	*3,810	3,550		*3,180	2,710		*2,780	2,120	*2,510	1,680	14.20
4.9ft	lb					*15,340	*15,340	*10,710	10,670	*8,400	7,830		*7,010	5,970		*6,130	4,670	*5,530	3,700	(46.6)
0.0m	kg												*3,490	2,510		*2,990	1,990	*2,650	1,590	14.08
0.0ft	lb												*7,690	5,530		*6,590	4,390	*5,840	3,510	(46.2)
-1.5m	kg	*2,530	*2,530	*3,460	*3,460	*6,060	6,020	*6,000	4,070	*4,600	3,030		*3,740	2,360		3,150	1,880	2,590	1,520	13.81
-4.9ft	lb	*5,580	*5,580	*7,630	*7,630	*13,360	13,270	*13,230	8,970	*10,140	6,680		*8,250	5,200		6,940	4,140	5,710	3,350	(45.3)
-3.0m	kg	*3,520	*3,520	*4,440	*4,440	*6,700	5,910	*6,220	3,920	*4,810	2,900		3,820	2,250		3,080	1,810	2,550	1,480	13.36
-9.8ft	lb	*7,760	*7,760	*9,790	*9,790	*14,770	13,030	*13,710	8,640	*10,600	6,390		8,420	4,960		6,790	3,990	5,620	3,260	(43.8)
-4.5m	kg	*4,540	*4,540	*5,560	*5,560	*7,810	5,920	*6,230	3,880	*4,860	2,840		3,770	2,210		3,040	1,780	2,540	1,470	12.71
-14.8ft	lb	*10,010	*10,010	*12,260	*12,260	*17,220	13,050	*13,730	8,550	*10,710	6,260		8,310	4,870		6,700	3,920	5,600	3,240	(41.7)
-6.0m	kg	*5,640	*5,640	*6,840	*6,840	*8,000	6,040	*6,020	3,920	*4,750	2,850		3,780	2,210		3,060	1,790			11.84
-19.7ft	lb	*12,430	*12,430	*15,080	*15,080	*17,640	13,320	*13,270	8,640	*10,470	6,280		8,330	4,870		6,750	3,950			(38.8)
-7.5m	kg	*6,860	*6,860	*8,360	*8,360	*7,280	6,240	*5,570	4,040	*4,430	2,930		*3,580	2,280		*2,850	1,880			10.68
-24.6ft	lb	*15,120	*15,120	*18,430	*18,430	*16,050	13,760	*12,280	8,910	*9,770	6,460		*7,890	5,030		*6,280	4,140			(35.0)
-9.0m	kg			*8,410	*8,410	*6,130	*6,130	*4,760	4,240	*3,760	3,100		*2,880	2,450						9.13
-29.5ft	lb			*18,540	*18,540	*13,510	*13,510	*10,490	9,350	*8,290	6,830		*6,350	5,400						(30.0)

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



HX210S / HX220S

STANDARD / OPTION

ENGINE	STD	OPT
Hyundai 6BTAA-5.9 (HM5.9)	●	
HYDRAULIC SYSTEM		
3-power mode, 2-work mode, user mode	●	
Variable power control	●	
Engine auto idle	●	
CAB & INTERIOR		
ISO STANDARD CABIN		
Rise-up type windshield wiper	●	
Radio / USB player		●
12 volt power outlet (24V DC to 12V DC converter)	●	
Electric horn	●	
All-weather steel cab with 360° visibility	●	
Sliding fold-in front window	●	
Sliding side window(LH)	●	
Lockable door	●	
Storage compartment	●	
Sun visor	●	
Door and cab locks, one key	●	
Mechanical suspension seat	●	
Pilot-operated slidable joystick	●	
Cabin lights		●
Cabin roof-steel cover	●	
AUTOMATIC CLIMATE CONTROL		
Air conditioner & heater	●	
Defroster	●	
Starting aid (air grid heater) for cold weather	●	
CENTRALIZED MONITORING		
Engine speed or trip meter / Accel.	●	
Engine coolant temperature gauge	●	
Max power	●	
Low speed / High speed	●	
Auto idle	●	
Air cleaner clogging	●	
Indicators	●	
Fuel level gauge	●	
Hyd. oil temperature gauge	●	
Fuel warmer		●
Warnings	●	
Communication error	●	
Low battery	●	
Clock	●	
CABIN FOPS (ISO 10262) LEVEL 2		
FOPS (Falling Object Protective Structure)-ISO 10262 Level 2	Front & Tops guard	●

SAFETY	STD	OPT
Battery master switch	●	
Two front working lights (1boom mounted, 1front frame mounted)	●	
Travel alarm		●
Beacon lamp		●
Automatic swing brake	●	
Boom holding system	●	
Arm holding system	●	
Two outside rearview mirror	●	
Wire net guard		●
ATTACHMENT		
BOOMS		
5.70m, 18' 8" Mono	●	
5.70m, 18' 8" Heavy Duty		●
8.50m, 27' 11" Long Reach		●
ARMS		
2.00m, 6' 7"		●
2.40m, 7' 10"		●
2.90m, 9' 6"	●	
2.90m, 9' 6" Heavy Duty		●
6.20m, 20' 4"		●
OTHERS		
Pre-Cleaner		●
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 12V x 100 AH)	●	
Fuel filler pump (35 L/min)		●
Single-acting piping kit (breaker, etc.)		●
Accumulator for lowering work equipment	●	
Tool kit		●
COUNTERWEIGHT		
3.6 ton CWT	●	
4.2 ton CWT		●
5.3 ton CWT		●
UNDERCARRIAGE		
Lower frame under cover (additional)		●
Lower frame under cover (normal)	●	
TRACK SHOES		
Triple grousers shoes (600mm, 24")	●	
Triple grousers shoe (700mm, 28")		●
Triple grousers shoe (800mm, 32")		●
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.

