ENGINE	STD	OPT
Hyundai 6BTAA-5.9 (HM5.9)	●	

HYDRAULIC SYSTEM	STD	OPT
3-power mode, 2-work mode, user mode	●	
Variable power control	●	
Engine auto idle	●	

CAB & INTERIOR	STD	OPT
ISO Standard Cabin		
Rise-up type windshield wiper	●	
Radio / USB player		●
12 V power outlet (24 V DC to 12 V DC converter)	●	
Electric horn	●	
All-weather steel cab with 360° visibility	●	
Sliding fold-in front window	●	
Sliding side window (LH)	●	
Lockable door	●	
Storage compartment & Ashtray	●	
Sun visor	●	
Door and cab locks, one key	●	
Mechanical suspension seat	●	
Pilot-operated slidable joystick	●	
Console box height adjust system	●	
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	●	
Overload	●	
Air cleaner clogging	●	
Indicators	●	
Fuel level gauge	●	
Hyd. oil temperature gauge	●	
Fuel warmer	●	
Warnings	●	
Communication error	●	
Low battery	●	
Clock	●	
Cabin FOPS / FOG		
FOPS (falling object protective structures) ISO 3449 level 2		●
FOG (falling object guard) ISO / DIS 10262 level 2 — Front & Tops guard		●

SAFETY	STD	OPT
Battery master switch	●	
Two front working lights (1 boom mounted, 1 front frame mounted)	●	
Travel alarm		●
Beacon lamp		●
Automatic swing brake	●	
Boom holding system	●	
Arm holding system	●	
Two outside rearview mirror	●	

OTHER	STD	OPT
Booms		
5.68 m, 18' 8" mono	●	
5.68 m, 18' 8" Heavy Duty		●
Arms		
2.92 m, 9' 7"	●	
2.92 m, 9' 7" Heavy Duty		●
Removable clean-out dust net for cooler	●	
Removable washer 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 (35 L/min)		●
Single-acting piping kit (breaker, etc.)		●
Accumulator for lowering work equipment	●	
Tool kit		●

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")		●
Track rail guard	●	

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

HYUNDAI CONSTRUCTION EQUIPMENT

Head Office (Sales Office)
3F, BUNDANG FIRST TOWER, 55 BUNDANG-RO, BUNDANG-GU, SEONGNAM-SI, GYEONGGI-DO, 13591, KOREA

PLEASE CONTACT

www.hyundai-ce.com

2018. 07 Rev.3

MOVING YOU FURTHER

A MORE RELIABLE WAY TO REACH YOUR DREAM

HX210S
HX210S L

*Photo may include optional equipment.

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

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

Travel Speed
5.7 km/hr (3.54 mph) / 3.5 km/hr (2.17 mph)

Operating Weight
20,830 kg / 45,920 lb

HYUNDAI CONSTRUCTION EQUIPMENT

RULE THE GROUND

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

HX210S

MORE RELIABLE, MORE SUSTAINABLE

- 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

INFOTAINMENT FRONTIER

- 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

MODERN COMFORT, SIMPLE AND SAFE SOLUTION

- 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)

*Photo may include optional equipment.

Built for Maximum Power, Performance, Reliability.

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

*Photo may include optional equipment.

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.

* **M mode :** Maximizes speed and power of the equipment for heavy load work.
* **H mode :** Optimizes performance and fuel efficiency of the equipment for general load work.
* **S mode :** Improves the control systemfor light load work.

MORE RELIABLE, MORE SUSTAINABLE

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.

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

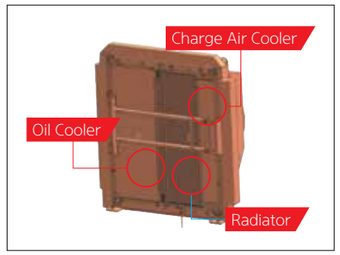
Sealed and adjustable bucket linkage provides less wear of pins and bushes as well as silent operation. The design includes bucket link durability and anti wear characteristics. Additional reinforcement plates on cutting edge section. Reinforced bucket is made with thicker steel and additional lateral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

Powerful and Preciser Swing Control

Improved shock absorbing characteristics make stopping a precise and smooth action

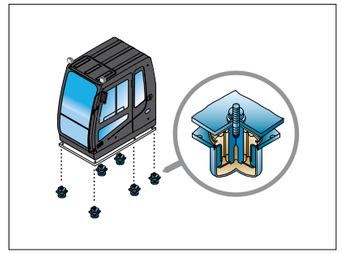
Strong and Stable Lower Frame

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 chang ing over to 3 column type structure in a row
2. Easy to clean without disassembling an entire radiator total assembly



Minimization of Shock and Vibration through Cab Mounting System

The application of Viscous Mounting to the cabin 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.

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

Operator's Comfort Foremost. Wide Cab Exceeds Industry Standards.

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.

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.

RELIABILITY & SERVICEABILITY

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.

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.

HiMATE Option

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 hepls 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. Juts 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

More Convenient Daily Inspection for Maintaining the Best Condition

*Photo may include optional equipment.

Large tool box for extra storage

Highly efficient Hydraulic Pump

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	2 X 222 ℓ/min (58.6 US gpm / 48.4 UK gpm)
Sub-pump for pilot circuit	Gear pump

Cross-sensing and fuel saving pump system

HYDRAULIC MOTORS

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

RELIEF VALVE SETTING

Implement circuits	350 kgf/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 bore X stroke	Boom: 2-120 X 1,290 mm (4.7" X 50.8")
	Arm: 1-140 X 1,510 mm (5.5" X 59.4")
	Bucket: 1-120 X 1,055 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

COOLANT & LUBRICANT CAPACITY

	liter	US gal	UK gal
Fuel tank	340	89.8	74.8
Engine coolant	20	5.3	4.4
Engine oil	24	6.3	5.3
Swing device	5	1.3	1.1
Final drive (each)	6	1.6	1.3
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	HX210SL	HX210S
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	9 EA	7 EA
No. of rail guard on each side	2 EA	1 EA

OPERATING WEIGHT (APPROXIMATE)

Operating weight, including 5,680 mm (18' 8") boom, 2,920 mm (9' 7") 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	1,950 kg (4,300 lb)
Boom (with Arm cylinder)	1,950 kg (4,300 lb)

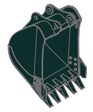
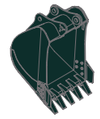
OPERATING WEIGHT

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)
		HX210S L	21,260 (46,870)	0.45 (6.45)
		HX210S L	21,450 (47,290)	0.46 (6.51)
	700 (28")	HX210S L	21,750 (47,950)	0.40 (5.66)
	800 (32")	HX210S	21,380 (47,140)	0.42 (5.99)
		HX210S L	22,040 (48,590)	0.35 (5.02)

BUCKET SELECTION GUIDE & DIGGING FORCE

BUCKETS

All buckets are welded with high-strength steel.


SAE heaped m³	0.92 (1.20)	1.20 (1.57)	◈ 0.90 (1.18)

Capacity m³ (yd³)		Width mm (in)		Weight kg (lb)	Recommendation mm
					5,680 Boom
SAE heaped	CECE heaped	Without side cutters	With side cutters		2,920 Arm
0.92 (1.20)	0.80 (1.05)	1,150 (45.3)	1,270 (50.0)	720 (1,590)	●
1.20 (1.57)	1.00 (1.31)	1,400 (55.1)	1,520 (59.8)	810 (1,790)	▲
◈ 0.90 (1.18)	0.80 (1.05)	1,090 (42.9)	-	820 (1,810)	●

◈ Heavy duty bucket

● : Applicable for materials with density of 2,000 kg/m³ (3,370 lb/yd³) or less
■ : Applicable for materials with density of 1,600 kg/m³ (2,700 lb/yd³) or less
▲ : Applicable for materials with density of 1,100 kg/m³ (1,850 lb/yd³) or less

ATTACHMENT

Booms and arms are welded with a low-stress, full-box section design. 5.68 m Booms and 2.92 m, Arms are available.

DIGGING FORCE

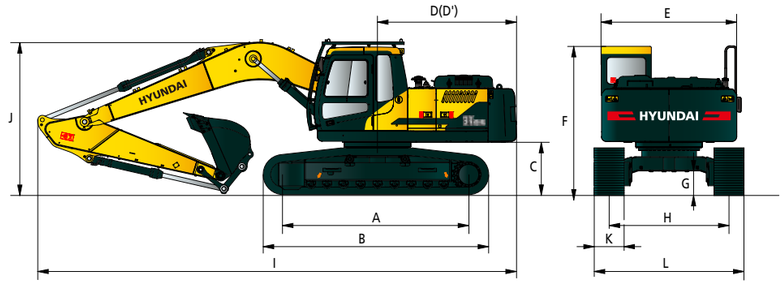
Boom	Length	mm (ft·in)	5,680 (18' 8")
	Weight	kg (lb)	1,950 (4,300)
Arm	Length	mm (ft·in)	2,920 (9' 7")
	Weight	kg (lb)	1,095 (2,410)
Bucket digging force	SAE	kN	133.4
		kgf	13,600
		lbf	29,980
	ISO	kN	152.0
		kgf	15,500
		lbf	34,170
Arm crowd force	SAE	kN	102.0
		kgf	10,400
		lbf	22,930
	ISO	kN	106.9
		kgf	10,900
		lbf	24,030

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

DIMENSIONS & WORKING RANGE

HX210S DIMENSIONS

5.68 m (18' 8") boom, 2.92 m (9' 7") arm

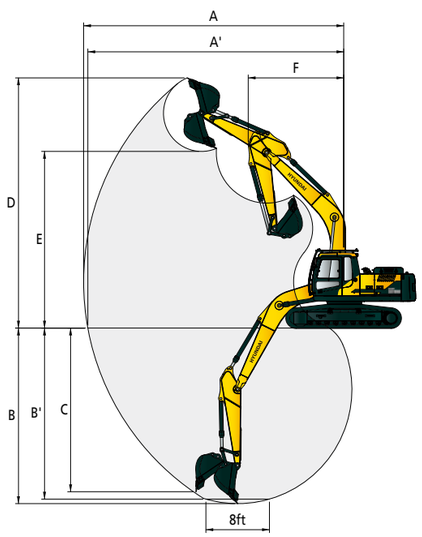


Unit : mm (ft · in)

A	Tumbler distance	3,360 (11' 0")
B	Overall length of crawler	4,170 (13' 8")
C	Ground clearance of counterweight	1,060 (3' 6")
D	Tail swing radius	2,845 (9' 4")
D'	Rear-end length	2,770 (9' 1")
E	Overall width of upperstructure	2,700 (8' 10")
F	Overall height of cab	3,000 (9' 10")
G	Min. ground clearance	470 (1' 7")
H	Track gauge	2,200 (7' 3")

	Boom length		5,680 (18' 8")		
	Arm length		2,920 (9' 7")		
I	Overall length		9,530 (31' 3")		
J	Overall height of boom		3,030 (9' 11")		
K	Track shoe width	Type	Triple grouser		
		Width	600 (24")	700 (28")	800 (32")
L	Overall width		2,800 (9' 2")	2,900 (9' 6")	3,000 (9' 10")

HX210S WORKING RANGE

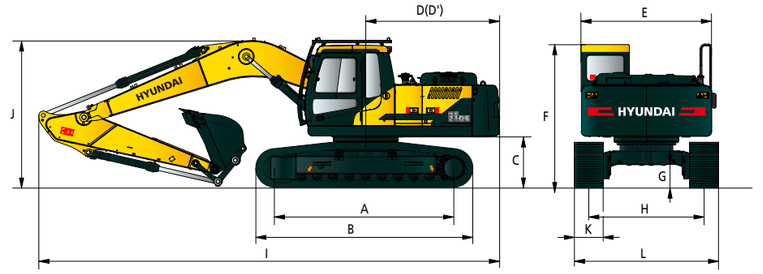


Unit : mm (ft · in)

	Boom length	5,680 (18' 8")
	Arm length	2,920 (9' 7")
A	Max. digging reach	9,980 (32' 9")
A'	Max. digging reach on ground	9,820 (32' 3")
B	Max. digging depth	6,730 (22' 1")
B'	Max. digging depth (8' level)	6,560 (21' 6")
C	Max. vertical wall digging depth	6,280 (20' 7")
D	Max. digging height	9,600 (31' 6")
E	Max. dumping height	6,780 (22' 3")
F	Min. swing radius	3,740 (12' 3")

HX210S L DIMENSIONS

5.68 m (18' 8") boom, 2.92 m (9' 7") arm

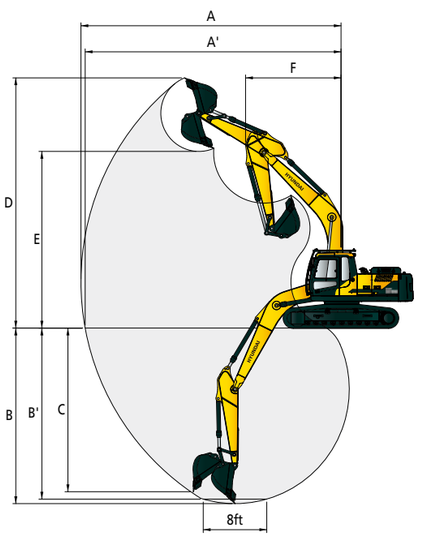


Unit : mm (ft · in)

A	Tumbler distance	3,650 (12' 0")
B	Overall length of crawler	4,440 (14' 7")
C	Ground clearance of counterweight	1,060 (3' 6")
D	Tail swing radius	2,845 (9' 4")
D'	Rear-end length	2,770 (9' 1")
E	Overall width of upperstructure	2,700 (8' 10")
F	Overall height of cab	3,000 (9' 10")
G	Min. ground clearance	470 (1' 7")
H	Track gauge	2,390 (7' 10")

	Boom length		5,680 (18' 8")		
	Arm length		2,920 (9' 7")		
I	Overall length		9,530 (31' 3")		
J	Overall height of boom		3,030 (9' 11")		
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 L WORKING RANGE



Unit : mm (ft · in)

	Boom length	5,680 (18' 8")
	Arm length	2,920 (9' 7")
A	Max. digging reach	9,980 (32' 9")
A'	Max. digging reach on ground	9,820 (32' 3")
B	Max. digging depth	6,730 (22' 1")
B'	Max. digging depth (8' level)	6,560 (21' 6")
C	Max. vertical wall digging depth	6,280 (20' 7")
D	Max. digging height	9,600 (31' 6")
E	Max. dumping height	6,780 (22' 3")
F	Min. swing radius	3,740 (12' 3")

LIFTING CAPACITY

Rating over-front Rating over-side or 360 degree

HX210S DIMENSIONS

5.68 m (18' 8") boom, 2.92 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		
		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)		Capacity		Reach
																		m (ft)
10.5m	kg																	
34.4ft	lb																	
9.0m	kg																	
29.5ft	lb																	
7.5m	kg							*4,440	4,340							*3,370	*3,370	6.26
24.6ft	lb							*9,790	9,570							*7,430	*7,430	(20.5)
6.0m	kg							*4,340	*4,340							*3,100	3,010	7.38
19.7ft	lb							*9,570	*9,570							*6,830	6,640	(24.2)
4.5m	kg							*4,850	4,180	4,500	2,900					*3,020	2,540	8.07
14.8ft	lb							*10,690	9,220	9,920	6,390					*6,660	5,600	(26.5)
3.0m	kg					*7,270	6,050	*5,700	3,950	4,400	2,800					*3,070	2,310	8.43
9.8ft	lb					*16,030	13,340	*12,570	8,710	9,700	6,170					*6,770	5,090	(27.7)
1.5m	kg					*9,050	5,580	5,980	3,730	4,280	2,700					*3,250	2,230	8.51
4.9ft	lb					*19,950	12,300	13,180	8,220	9,440	5,950					*7,170	4,920	(27.9)
0.0m	kg			*5,920	*5,920	9,100	5,350	5,820	3,580	4,210	2,630					*3,590	2,280	8.32
0.0ft	lb			*13,050	*13,050	20,060	11,790	12,830	7,890	9,280	5,800					*7,910	5,030	(27.3)
-1.5m	kg	*6,500	*6,500	*10,400	10,230	9,060	5,320	5,770	3,540	4,200	2,620					3,970	2,490	7.84
-4.9ft	lb	*14,330	*14,330	*22,930	22,550	19,970	11,730	12,720	7,800	9,260	5,780					8,750	5,490	(25.7)
-3.0m	kg	*11,120	*11,120	*14,290	10,480	9,190	5,430	5,850	3,610							4,730	2,970	7.00
-9.8ft	lb	*24,520	*24,520	*31,500	23,100	20,260	11,970	12,900	7,960							10,430	6,550	(23.0)
-4.5m	kg			*11,780	10,910	*8,290	5,680									*6,160	4,160	5.65
-14.8ft	lb			*25,970	24,050	*18,280	12,520									*13,580	9,170	(18.5)
-6.0m	kg																	
-19.7ft	lb																	

5.68 m (18' 8") boom, 2.92 m (7' 10") arm equipped with 600 mm (24") triple grouser shoe and 4,200 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)		9.0m (29.5ft)		10.5m (34.4ft)		Capacity		Reach
																		m (ft)
10.5m	kg																	
34.4ft	lb																	
9.0m	kg																	
29.5ft	lb																	
7.5m	kg							*4,440	*4,440							*3,370	*3,370	6.26
24.6ft	lb							*9,790	*9,790							*7,430	*7,430	(20.5)
6.0m	kg							*4,340	*4,340							*3,100	*3,100	7.38
19.7ft	lb							*9,570	*9,570							*6,830	*6,830	(24.2)
4.5m	kg							*4,850	4,510	*4,640	3,150					*3,020	2,780	8.07
14.8ft	lb							*10,690	9,940	*10,230	6,940					*6,660	6,130	(26.5)
3.0m	kg					*7,270	6,530	*5,700	4,280	4,710	3,050					*3,070	2,530	8.43
9.8ft	lb					*16,030	14,400	*12,570	9,440	10,380	6,720					*6,770	5,580	(27.7)
1.5m	kg					*9,050	6,060	6,410	4,060	4,600	2,950					*3,250	2,450	8.51
4.9ft	lb					*19,950	13,360	14,130	8,950	10,140	6,500					*7,170	5,400	(27.9)
0.0m	kg			*5,920	*5,920	9,750	5,840	6,250	3,910	4,520	2,880					*3,590	2,500	8.32
0.0ft	lb			*13,050	*13,050	21,500	12,870	13,780	8,620	9,960	6,350					*7,910	5,510	(27.3)
-1.5m	kg	*6,500	*6,500	*10,400	*10,400	9,710	5,810	6,200	3,870	4,520	2,880					*4,200	2,730	7.84
-4.9ft	lb	*14,330	*14,330	*22,930	*22,930	21,410	12,810	13,670	8,530	9,960	6,350					*9,260	6,020	(25.7)
-3.0m	kg	*11,120	*11,120	*14,290	11,360	9,840	5,910	6,270	3,940							5,070	3,240	7.00
-9.8ft	lb	*24,520	*24,520	*31,500	25,040	21,690	13,030	13,820	8,690							11,180	7,140	(23.0)
-4.5m	kg			*11,780	*11,780	*8,290	6,170									*6,160	4,520	5.65
-14.8ft	lb			*25,970	*25,970	*18,280	13,600									*13,580	9,960	(18.5)
-6.0m	kg																	
-19.7ft	lb																	
-7.5m	kg																	
-24.6ft	lb																	

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

HX210S L DIMENSIONS

5.68 m (18' 8") boom, 2.92 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		
		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)		Capacity		Reach
																		m (ft)
10.5m	kg																	
34.4ft	lb																	
9.0m	kg																	
29.5ft	lb																	
7.5m	kg							*4,440	*4,440							*3,370	*3,370	6.26
24.6ft	lb							*9,790	*9,790							*7,430	*7,430	(20.5)
6.0m	kg							*4,340	*4,340							*3,100	*3,100	7.38
19.7ft	lb							*9,570	*9,570							*6,830	*6,830	(24.2)
4.5m	kg							*4,850	4,750	*4,640	3,310					*3,020	2,920	8.07
14.8ft	lb							*10,690	10,470	*10,230	7,300					*6,660	6,440	(26.5)
3.0m	kg					*7,270	6,940	*5,700	4,510	*5,010	3,210					*3,070	2,660	8.43
9.8ft	lb					*16,030	15,300	*12,570	9,940	*11,050	7,080					*6,770	5,860	(27.7)
1.5m	kg					*9,050	6,460	*6,610	4,290	4,960	3,110					*3,250	2,580	8.51
4.9ft	lb					*19,950	14,240	*14,570	9,460	10,930	6,860					*7,170	5,690	(27.9)
0.0m	kg			*5,920	*5,920	*10,100	6,220	6,790	4,140	4,880	3,040					*3,590	2,630	8.32
0.0ft	lb			*13,050	*13,050	*22,270	13,710	14,970	9,130	10,760	6,700					*7,910	5,800	(27.3)
-1.5m	kg	*6,500	*6,500	*10,400	*10,400	*10,360	6,190	6,740	4,100	4,880	3,030					*4,200	2,870	7.84
-4.9ft	lb	*14,330	*14,330	*22,930	*22,930	*22,840	13,650	14,860	9,040	10,760	6,680					*9,260	6,330	(25.7)
-3.0m	kg	*11,120	*11,120	*14,290	12,390	*9,870	6,300	6,820	4,160							*5,420	3,410	7.00
-9.8ft	lb	*24,520	*24,520	*31,500	27,320	*21,760	13,890	15,040	9,170							*11,950	7,520	(23.0)
-4.5m	kg			*11,780	*11,780	*8,290	6,560									*6,160	4,780	5.65
-14.8ft	lb			*25,970	*25,970	*18,280	14,460									*13,580	10,540	(18.5)
-6.0m	kg																	
-19.7ft	lb																	
-7.5m	kg																	
-24.6ft	lb																	

5.68 m (18' 8") boom, 2.92 m (7' 10") arm equipped with 600 mm (24") triple grouser shoe and 4,200 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)		9.0m (29.5ft)		10.5m (34.4ft)		Capacity		Reach
																		m (ft)
10.5m	kg																	
34.4ft	lb																	
9.0m	kg																	
29.5ft	lb																	
7.5m	kg							*4,440	*4,440							*3,370	*3,370	6.26
24.6ft	lb							*9,790	*9,790							*7,430	*7,430	(20.5)
6.0m	kg							*4,340	*4,340							*3,100	*3,100	7.38
19.7ft	lb							*9,570	*9,570							*6,830	*6,830	(24.2)
4.5m	kg							*4,850	*4,850	*4,640	3,570					*3,020	*3,020	8.07
14.8ft	lb							*10,690	*10,690	*10,230	870					*6,660	*6,660	(26.5)
3.0m	kg					*7,270	*7,270	*5,700	4,860	*5,010	3,480					*3,070	2,890	8.43
9.8ft	lb					*16,030	*16,030	*12,570	10,710	*11,050	7,670					*6,770	6,370	(27.7)
1.5m	kg					*9,050	6,970	*6,610	4,640	5,290	3,370					*3,250	2,800	8.51
4.9ft	lb					*19,950	15,370	*14,570	10,230	11,660	7,430					*7,170	6,170	(27.9)
0.0m	kg			*5,920	*5,920	*10,100	6,740	7,240	4,490	5,210	3,300					*3,590	2,870	8.32
0.0ft	lb			*13,050	*13,050	*22,270	14,860	15,960	9,900	11,490	7,280					*7,910	6,330	(27.3)
-1.5m	kg	*6,500	*6,500	*10,400	*10,400	*10,360	6,700	7,190	4,440	5,210	3,300					*4,200	3,120	7.84
-4.9ft	lb	*14,330	*14,330	*22,930	*22,930	*22,840	14,770	15,850	9,790	11,490	7,280					*9,260	6,880	(25.7)
-3.0m	kg	*11,120	*11,120	*14,290	13,350	*9,870	6,810	7,270	4,510							*5,420	3,700	7.00
-9.8ft	lb	*24,520	*24,520	*31,500	29,430	*21,760	15,010	16,030	9,940							*11,950	8,160	(23.0)
-4.5m	kg			*11,780	*11,780	*8,290	7,070									*6,160	5,150	5.65
-14.8ft	lb			*25,970	*25,970	*18,280	15,590									*13,580	11,350	(18.5)
-6.0m	kg																	
-19.7ft	lb																	
-7.5m	kg																	
-24.6ft	lb																	

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