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	●	
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 (1 boom mounted, 1 front frame mounted)	●	
Travel alarm		●
Beacon lamp		●
Automatic swing brake	●	
Boom holding system	●	
Arm holding system	●	
Two outside rearview mirror	●	
Wire net guard		●
ATTACHMENT		
BOOMS		
5.68m, 18' 8" Heavy Duty	●	
8.20m, 26' 11" Long Reach		○
ARMS		
2.00m, 6' 7"		●
2.40m, 7' 10"		●
2.92m, 9' 7" Heavy Duty	●	
6.30m, 20' 8" Long Reach		○
OTHERS		
Pre-Cleaner		●
Removable clean-out dust net for cooler	●	
Removable reservoir tank	●	
Fuel pre-filter	●	
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 shoes (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.
○ Option availability varies by region. Consult your Hyundai dealer.

HD HYUNDAI CONSTRUCTION EQUIPMENT

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

PLEASE CONTACT

2023. MAR

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

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

Bucket Capacity
0.87 ~ 1.20㎥

Operating Weight
HX210HD 20,990 kg / 46,270 lb
HX220HD 21,420 kg / 47,220 lb

HX210HD
HX220HD

* Photo may include optional equipment.

WHAT'S NEWEST AND BEST

HX210HD
HX220HD

SUPERIOR PERFORMANCE

- Heavy Duty Boom & Arm
- 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

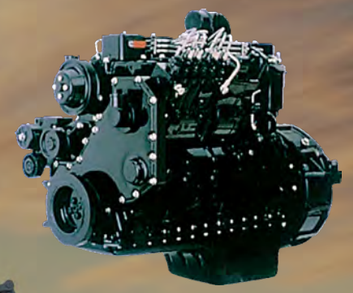
A new chapter in construction equipment has begun.
Making the dream a reality.

HEAVY DUTY BOOM & ARM

HX210/220HD boom(5.68m) and arm(2.92m) have higher durability than demanded on the site. Attachment performance has been proven through rigorous field testing. No matter how tough the working environment is, you can always rely on the attachment.

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.

* Photo may include optional equipment

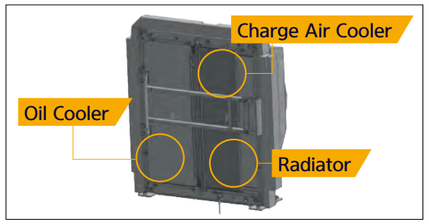
"A More Reliable Way To Reach You Dream."

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

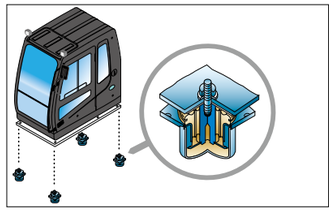
Reinforced box-section frame welded, low-stress, high-strength steel. guarantees safety and resistance against external impact when driving on rough ground and working on wet sites through high tensile strength steel panels, with highly durable upper and lower rollers and track guards.

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 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.

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.

*Photo may include optional equipment.

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 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. 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

* Photo may include optional equipment.

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.

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 234 ℓ/min (61.8 US gpm / 51.4 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	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	HX210HD	HX220HD
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	9 EA
No. of Rail Guards on Each Side	1 EA	2 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	3,600 kg (7,937 lb)
Boom (with Arm Cylinder)	2,070 kg (4,560 lb)

OPERATING WEIGHT

Shoes		Operating Weight		Ground Pressure
Type	Width mm (in)	kg (lb)		kgf/cm² (psi)
Triple Grouser	600 (24")	HX210HD	20,990 (46,270)	0.48 (6.86)
		HX220HD	21,420 (47,220)	0.45 (6.50)
	700 (28")	HX220HD	21,910 (48,300)	0.40 (5.66)
	800 (32")	HX210HD	21,540 (47,490)	0.42 (6.03)
		HX220HD	22,200 (48,940)	0.35 (5.06)

BUCKET SELECTION GUIDE & DIGGING FORCE

BUCKETS

All buckets are welded with high-strength steel.

SAE heaped m³ (yd³)	0.92 (1.20)	1.10 (1.44) 1.20 (1.57)	⊙ 0.87 (1.14) ⊙ 1.20 (1.57)	◈ 0.90 (1.18)	★ 0.52 (0.68)

Type	Capacity m³ (yd³) SAE heaped	CECE heaped	Width mm (in)	Weight kg (lb)	Tooth EA	Recommendation mm (ft-in) 5,680 (18' 8") Boom 3.6 ton CWT 2,000 (6' 7") Arm	5,680 (18' 8") Boom 3.6 ton CWT 2,400 (7' 10") Arm	5,680 (18' 8") Boom 3.6 ton CWT 2,920 (9' 7") Arm	5,680 (18' 8") Boom 4.2 ton CWT 2,000 (6' 7") Arm	5,680 (18' 8") Boom 4.2 ton CWT 2,400 (7' 10") Arm	5,680 (18' 8") Boom 4.2 ton CWT 2,920 (9' 7") Arm	8,200* (26' 11") Boom 5.3 ton CWT 6,300* (20' 8") Arm
HX210HD	0.92 (1.20)	0.80 (1.05)	1,080 (42.5")	725 (1,600)	5	●	◐	■	●	●	◐	-
	◈ 1.05 (1.37)*	0.92 (1.20)*	1,290 (50.8")	890 (1,960)	5	◐	■	▲	◐	◐	■	-
	1.10 (1.44)*	0.96 (1.26)*	1,320 (52.0")	830 (1,830)	5	■	■	▲	◐	■	■	-
	1.20 (1.57)	1.00 (1.31)	1,330 (52.4")	810 (1,790)	5	■	▲	▲	◐	■	▲	-
	◈ 0.90 (1.18)	0.80 (1.05)	1,080 (42.5")	830 (1,830)	5	●	◐	■	●	●	◐	-
	⊙ 0.87 (1.14)	0.75 (0.98)	1,140 (44.9")	900 (1,980)	5	●	◐	■	●	●	◐	-
	⊙ 1.20 (1.57)	1.00 (1.31)	1,410 (55.5")	1,030 (2,270)	5	■	▲	x	■	■	▲	-
HX220HD	0.92 (1.20)	0.80 (1.05)	1,080 (42.5")	725 (1,600)	5	●	●	◐	●	●	●	-
	◈ 1.05 (1.37)*	0.92 (1.20)*	1,290 (50.8")	890 (1,960)	5	●	◐	■	●	◐	◐	-
	1.10 (1.44)*	0.96 (1.26)*	1,320 (52.0")	830 (1,830)	5	◐	◐	■	●	◐	■	-
	1.20 (1.57)	1.00 (1.31)	1,330 (52.4")	810 (1,790)	5	◐	■	▲	◐	◐	■	-
	◈ 0.90 (1.18)	0.80 (1.05)	1,080 (42.5")	830 (1,830)	5	●	●	◐	●	●	●	-
	⊙ 0.87 (1.14)	0.75 (0.98)	1,140 (44.9")	900 (1,980)	5	●	●	◐	●	●	●	-
	⊙ 1.20 (1.57)	1.00 (1.31)	1,410 (55.5")	1,030 (2,270)	5	■	■	▲	◐	■	■	-
	★ 0.52 (0.68)*	0.45 (0.59)*	935 (36.8")	460 (1,010)	5	-	-	-	-	-	-	▲

◈ 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

* Option availability varies by region. Consult your Hyundai dealer.

ATTACHMENT

5.68 m (18' 8"), 8.20 m (26' 11") Booms and 2.0 m (6' 7"), 2.4m (7' 10"), 2.92 m (9' 7"), 6.3 m (20' 8") Arms are available.

DIGGING FORCE

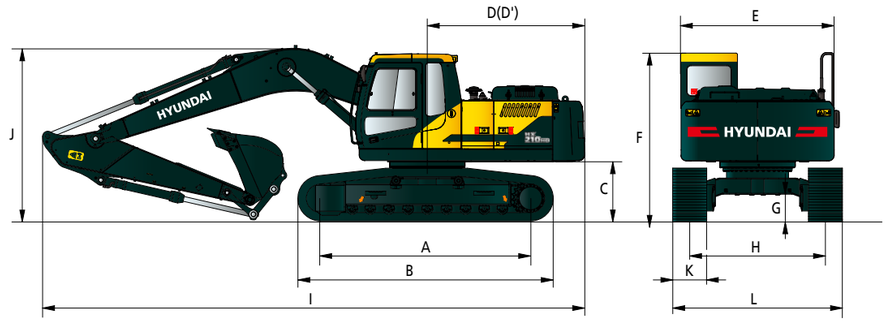
Boom	Length	mm (ft.in)	5,680 (18' 8")			8,200 (26' 11")
	Weight	kg (lb)	1,950 (4,300)			2,350 (5,180)
Arm	Length	mm (ft.in)	2,000 (6' 7")	2,400 (7' 10")	2,920 (9' 7")	6,300 (20' 8")
	Weight	kg (lb)	975 (2,150)	1,045 (2,300)	1,095 (2,410)	1,330 (2,930)
Bucket Digging Force	SAE	kN	133.4	133.4	133.4	72.6
		kgf	13,600	13,600	13,600	7,400
		lbf	29,980	29,980	29,980	16,310
	ISO	kN	152.0	152.0	152.0	83.4
		kgf	15,500	15,500	15,500	8,500
		lbf	34,170	34,170	34,170	18,740
Arm Crowd Force	SAE	kN	144.2	119.6	102.0	49.0
		kgf	14,700	12,200	10,400	5,000
		lbf	32,410	26,900	22,930	11,020
	ISO	kN	151.0	125.5	106.9	50.0
		kgf	15,400	12,800	10,900	5,100
		lbf	33,950	28,220	24,030	11,240

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

DIMENSIONS & WORKING RANGE

HX210HD/HX220HD DIMENSIONS

5.68 m (18' 8") Boom and 2.0 m (6' 7"), 2.4 m (7' 10"), 2.92 m (9' 7") Arm



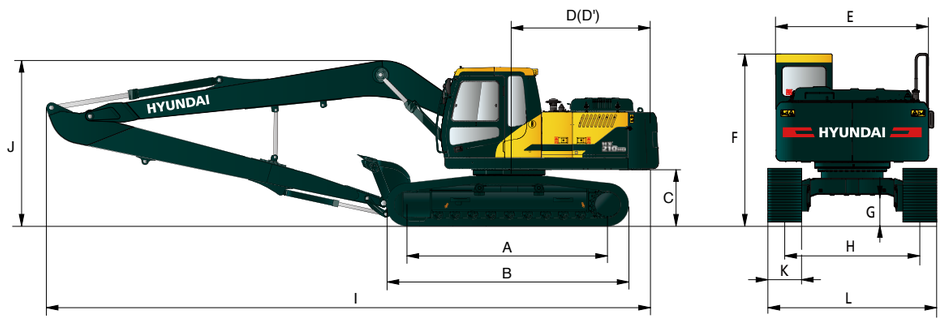
Unit : mm (ft · in)

	Model	HX210HD	HX220HD
A	Tumbler Distance	3,360 (11' 0")	3,650 (12' 0")
B	Overall Length of Crawler	4,170 (13' 8")	4,440 (14' 7")
C	Ground Clearance of Counterweight	1,060 (3' 6")	1,060 (3' 6")
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	3,000 (9' 10")	3,000 (9' 10")
G	Min. Ground Clearance	470 (1' 7")	470 (1' 7")
H	Track Gauge	2,200 (7' 3")	2,390 (7' 10")

	Boom length		5,680 (18' 8")		
	Arm length		2,000 (6' 7")	2,400 (7' 10")	2,920 (9' 7")
I	Overall Length		9,650 (31' 8")	9,570 (31' 5")	9,530 (31' 3")
J	Overall Height of Boom		3,200 (10' 6")	3,110 (10' 2")	3,030 (9' 10")
HX210HD					
K	Track Shoe Width	Type	Triple Grouser		
		Width	600 (24")		800 (32")
L	Overall Width		2,800 (9' 2")		3,000 (9' 10")
HX220HD					
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")

HX220HD LONG REACH DIMENSIONS

8.2 m (26' 11") boom, 6.3 m (20' 8") arm

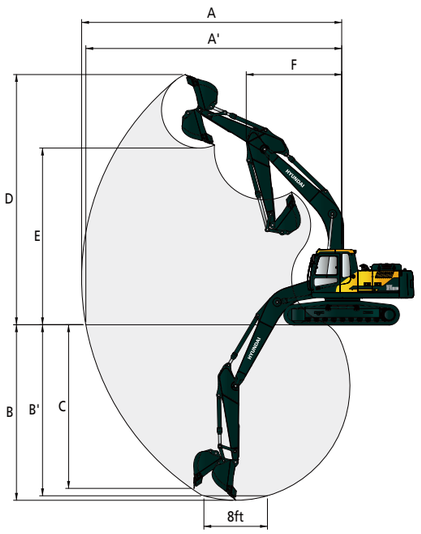


Unit : mm (ft · in)

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

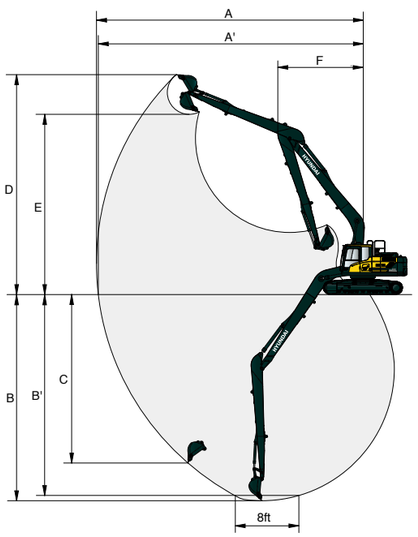
HX210HD/HX220HD WORKING RANGE



Unit : mm (ft · in)

	Model	HX210HD/HX220HD		
	Boom Length	5,680 (18' 8")		
	Arm Length	2,000 (6' 7")	2,400 (7' 10")	2,920 (9' 7")
A	Max. Digging Reach	9,140 (30' 0")	9,500 (31' 2")	9,980 (32' 9")
A'	Max. Digging Reach on Ground	8,960 (29' 5")	9,330 (30' 7")	9,820 (32' 3")
B	Max. Digging Depth	5,820 (19' 1")	6,220 (20' 5")	6,730 (22' 1")
B'	Max. Digging Depth (8' Level)	5,580 (18' 4")	6,010 (19' 9")	6,560 (21' 6")
C	Max. Vertical Wall Digging Depth	5,280 (17' 4")	5,720 (18' 9")	6,280 (20' 7")
D	Max. Digging Height	9,140 (30' 0")	9,340 (30' 8")	9,600 (31' 6")
E	Max. Dumping Height	6,330 (20' 9")	6,520 (21' 5")	6,780 (22' 3")
F	Min. Swing Radius	3,750 (12' 4")	3,740 (12' 3")	3,670 (12' 0")

HX220HD LONG REACH WORKING RANGE



Unit : mm (ft · in)

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

LIFTING CAPACITY

Rating over-front Rating over-side or 360 degree

HX210HD MONO BOOM

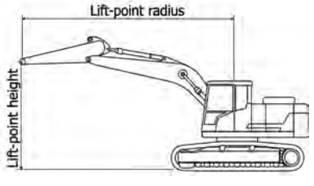
5.68 m (18' 8") boom, 2.00 m (6' 7") arm equipped with 600 mm (24") triple grouser shoe and 3,600 kg counter weight

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	kg									*5,700	*5,700	5.00
24.6ft	lb									*12,570	*12,570	(16.4)
6.0m	kg					*5,440	4,320			*5,500	3,910	6.35
19.7ft	lb					*11,990	9,520			*12,130	8,620	(20.8)
4.5m	kg			*6,870	6,500	*5,780	4,190			4,890	3,160	7.14
14.8ft	lb			*15,150	14,330	*12,740	9,240			10,780	6,970	(23.4)
3.0m	kg			*8,650	5,950	6,250	3,970	4,430	2,840	4,390	2,810	7.55
9.8ft	lb			*19,070	13,120	13,780	8,750	9,770	6,260	9,680	6,190	(24.8)
1.5m	kg					6,020	3,770	4,350	2,760	4,230	2,690	7.64
4.9ft	lb					13,270	8,310	9,590	6,080	9,330	5,930	(25.1)
0.0m	kg			9,160	5,420	5,890	3,650			4,360	2,760	7.43
0.0ft	lb			20,190	11,950	12,990	8,050			9,610	6,080	(24.4)
-1.5m	kg			9,180	5,430	5,880	3,640			4,870	3,060	6.88
-4.9ft	lb			20,240	11,970	12,960	8,020			10,740	6,750	(22.6)
-3.0m	kg	*12,330	10,710	*9,100	5,570					6,170	3,860	5.90
-9.8ft	lb	*27,180	23,610	*20,060	12,280					13,600	8,510	(19.4)

5.68 m (18' 8") boom, 2.00 m (6' 7") 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		
		3.0m (9.8ft)		4.5m (14.8ft)		6.0m (19.7ft)		7.5m (24.6ft)		Capacity		Reach
												m (ft)
7.5m	kg									*5,700	*5,700	5.00
24.6ft	lb									*12,570	*12,570	(16.4)
6.0m	kg					*5,440	4,660			*5,500	4,220	6.35
19.7ft	lb					*11,990	10,270			*12,130	9,300	(20.8)
4.5m	kg			*6,870	*6,870	*5,780	4,530			5,220	3,430	7.14
14.8ft	lb			*15,150	*15,150	*12,740	9,990			11,510	7,560	(23.4)
3.0m	kg			*8,650	6,430	*6,510	4,310	4,750	3,100	4,700	3,060	7.55
9.8ft	lb			*19,070	14,180	*14,350	9,500	10,470	6,830	10,360	6,750	(24.8)
1.5m	kg					6,450	4,100	4,660	3,020	4,540	2,940	7.64
4.9ft	lb					14,220	9,040	10,270	6,660	10,010	6,480	(25.1)
0.0m	kg			9,810	5,900	6,320	3,990			4,680	3,010	7.43
0.0ft	lb			21,630	13,010	13,930	8,800			10,320	6,640	(24.4)
-1.5m	kg			9,830	5,920	6,300	3,970			5,220	3,340	6.88
-4.9ft	lb			21,670	13,050	13,890	8,750			1,1510	7,360	(22.6)
-3.0m	kg	*12,330	11,600	*9,100	6,060					6,600	4,200	5.90
-9.8ft	lb	*27,180	25,570	*20,060	13,360					1,4550	9,260	(19.4)

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

HX210HD MONO BOOM

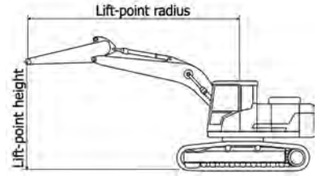
5.68 m (18' 8") boom, 2.40 m (7' 10") arm equipped with 600 mm (24") triple grouser shoe and 3,600 kg counter weight

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	kg									*5,080	4,910	5.58
24.6ft	lb									*11,200	10,820	(18.3)
6.0m	kg					*4,980	4,380			*4,620	3,490	6.82
19.7ft	lb					*10,980	9,660			*10,190	7,690	(22.4)
4.5m	kg			*6,320	*6,320	*5,430	4,230	4,520	2,920	4,470	2,880	7.55
14.8ft	lb			*13,930	*13,930	*11,970	9,330	9,960	6,440	9,850	6,350	(24.8)
3.0m	kg			*8,110	6,050	*6,200	3,990	4,440	2,840	4,050	25,90	7.94
9.8ft	lb			*17,880	13,340	*13,670	8,800	9,790	6,260	8,930	5,710	(26.1)
1.5m	kg			9,370	5,590	6,030	3,770	4,330	2,740	3,910	2,480	8.03
4.9ft	lb			20,660	12,320	13,290	8,310	9,550	6,040	8,620	5,470	(26.3)
0.0m	kg			9,130	5,390	5,870	3,630	4,260	2,680	4,010	2,530	7.83
0.0ft	lb			20,130	11,880	12,940	8,000	9,390	5,910	8,840	5,580	(25.7)
-1.5m	kg	*10,830	10,320	9,110	5,370	5,820	3,590			4,420	2,770	7.31
-4.9ft	lb	*23,880	22,750	20,080	11,840	12,830	7,910			9,740	6,110	(24.0)
-3.0m	kg	*13,210	10,520	9,230	5,470	5,910	3,670			5,410	3,390	6.40
-9.8ft	lb	*29,120	23,190	20,350	12,060	13,030	8,090			11,930	7,470	(21.0)
-4.5m	kg			*7,130	5,770					*6,300	5,160	4.89
-14.8ft	lb			*15,720	12,720					*13,890	11,380	(16.0)

5.68 m (18' 8") boom, 2.40 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		
		3.0m (9.8ft)		4.5m (14.8ft)		6.0m (19.7ft)		7.5m (24.6ft)		Capacity		Reach
												m (ft)
7.5m	kg									*5,080	*5,080	5.58
24.6ft	lb									*11,200	*11,200	(18.3)
6.0m	kg					*4,980	4,710			*4,620	3,780	6.82
19.7ft	lb					*10,980	10,380			*10,190	8,330	(22.4)
4.5m	kg			*6,320	*6,320	*5,430	4,560	4,840	3,180	*4,490	3,130	7.55
14.8ft	lb			*13,930	*13,930	*11,970	10,050	10,670	7,010	*9,900	6,900	(24.8)
3.0m	kg			*8,110	6,530	*6,200	4,330	4,750	3,100	4,340	2,820	7.94
9.8ft	lb			*17,880	14,400	*13,670	9,550	10,470	6,830	9,570	6,220	(26.1)
1.5m	kg			*9,670	6,070	6,450	4,100	4,640	3,000	4,200	2,710	8.03
4.9ft	lb			*21,320	13,380	14,220	9,040	10,230	6,610	9,260	5,970	(26.3)
0.0m	kg			9,780	5,870	6,290	3,960	4,570	2,930	4,310	2,770	7.83
0.0ft	lb			21,560	12,940	13,870	8,730	10,080	6,460	9,500	6,110	(25.7)
-1.5m	kg	*10,830	*10,830	9,760	5,850	6,240	3,920			4,740	3,030	7.31
-4.9ft	lb	*23,880	*23,880	21,520	12,900	13,760	8,640			10,450	6,680	(24.0)
-3.0m	kg	*13,210	11,400	*9,460	5,950	6,330	4,000			5,800	3,690	6.40
-9.8ft	lb	*29,120	25,130	*20,860	13,120	13,960	8,820			12,790	8,140	(21.0)
-4.5m	kg			*7,130	6,250					*6,300	5,590	4.89
-14.8ft	lb			*15,720	13,780					*13,890	12,320	(16.0)

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.



LIFTING CAPACITY

Rating over-front Rating over-side or 360 degree

HX210HD MONO BOOM

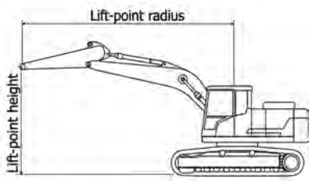
5.68 m (18' 8") boom, 2.92 m (9' 7") arm equipped with 600 mm (24") triple grouser shoe, and 3,600 kg counterweight.

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)		Capacity		Reach
														m (ft)
7.5m	kg							*4,440	4,430			*3,360	*3,360	6.26
24.6ft	lb							*9,790	9,770			*7,410	*7,410	(20.5)
6.0m	kg							*4,410	*4,410			*3,090	3,050	7.38
19.7ft	lb							*9,720	*9,720			*6,810	6,720	(24.2)
4.5m	kg							*4,920	4,260	4,540	2,930	*3,010	2,560	8.07
14.8ft	lb							*10,850	9,390	10,010	6,460	*6,640	5,640	(26.5)
3.0m	kg					*7,340	6,150	*5,740	4,000	4,420	2,820	*3,060	2,310	8.43
9.8ft	lb					*16,180	13,560	*12,650	8,820	9,740	6,220	*6,750	5,090	(27.7)
1.5m	kg					*9,060	5,610	6,010	3,740	4,290	2,700	*3,240	2,210	8.51
4.9ft	lb					*19,970	12,370	13,250	8,250	9,460	5,950	*7,140	4,870	(27.9)
0.0m	kg			*5,920	*5,920	9,070	5,320	5,810	3,560	4,180	2,600	*3,580	2,240	8.32
0.0ft	lb			*13,050	*13,050	20,000	11,730	12,810	7,850	9,220	5,730	*7,890	4,940	(27.3)
-1.5m	kg	*6,490	*6,490	*10,390	10,020	8,970	5,240	5,720	3,480	4,150	2,570	3,910	2,430	7.84
-4.9ft	lb	*14,310	*14,310	*22,910	22,090	19,780	11,550	12,610	7,670	9,150	5,670	8,620	5,360	(25.7)
-3.0m	kg	*11,110	*11,110	*14,070	10,210	9,050	5,300	5,760	3,520			4,640	2,880	7.00
-9.8ft	lb	*24,490	*24,490	*31,020	22,510	19,950	11,680	12,700	7,760			10,230	6,350	(23.0)
-4.5m	kg			*11,520	10,600	*8,120	5,520					*6,030	4,030	5.65
-14.8ft	lb			*25,400	23,370	*17,900	12,170					*13,290	8,880	(18.5)

5.68 m (18' 8") boom, 2.92 m (9' 7") arm equipped with 600 mm (24") triple grouser shoe, and 4,200 kg 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)		Capacity		Reach
														m (ft)
7.5m	kg							*4,440	*4,440			*3,360	*3,360	6.26
24.6ft	lb							*9,790	*9,790			*7,410	*7,410	(20.5)
6.0m	kg							*4,410	*4,410			*3,090	*3,090	7.38
19.7ft	lb							*9,720	*9,720			*6,810	*6,810	(24.2)
4.5m	kg							*4,920	4,590	*4,660	3,180	*3,010	2,790	8.07
14.8ft	lb							*10,850	10,120	*10,270	7,010	*6,640	6,150	(26.5)
3.0m	kg					*7,340	6,630	*5,740	4,330	4,740	3,070	*3,060	2,530	8.43
9.8ft	lb					*16,180	14,620	*12,650	9,550	10,450	6,770	*6,750	5,580	(27.7)
1.5m	kg					*9,060	6,090	6,430	4,080	4,600	2,950	*3,240	2,430	8.51
4.9ft	lb					*19,970	13,430	14,180	8,990	10,140	6,500	*7,140	5,360	(27.9)
0.0m	kg			*5,920	*5,920	9,720	5,800	6,230	3,890	4,500	2,850	*3,580	2,460	8.32
0.0ft	lb			*13,050	*13,050	21,430	12,790	13,730	8,580	9,920	6,280	*7,890	5,420	(27.3)
-1.5m	kg	*6,490	*6,490	*10,390	*10,390	9,620	5,720	6,140	3,820	4,460	2,820	*4,190	2,670	7.84
-4.9ft	lb	*14,310	*14,310	*22,910	*22,910	21,210	12,610	13,540	8,420	9,830	6,220	*9,240	5,890	(25.7)
-3.0m	kg	*11,110	*11,110	*14,070	11,090	9,690	5,780	6,180	3,850			4,980	3,160	7.00
-9.8ft	lb	*24,490	*24,490	*31,020	24,450	21,360	12,740	13,620	8,490			10,980	6,970	(23.0)
-4.5m	kg			*11,520	11,480	*8,120	6,000					*6,030	4,390	5.65
-14.8ft	lb			*25,400	25,310	*17,900	13,230					*13,290	9,680	(18.5)

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

HX220HD MONO BOOM

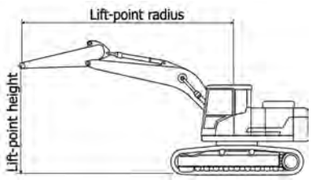
5.68 m (18' 8") boom, 2.00 m (6' 7") arm equipped with 600 mm (24") triple grouser shoe and 3,600 kg counter weight

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	kg									*5,700	*5,700	5.00
24.6ft	lb									*12,570	*12,570	(16.4)
6.0m	kg					*5,440	4,810			*5,500	4,360	6.35
19.7ft	lb					*11,990	10,600			*12,130	9,610	(20.8)
4.5m	kg			*6,870	*6,870	*5,780	4,680			5,510	3,540	7.14
14.8ft	lb			*15,150	*15,150	*12,740	10,320			12,150	7,800	(23.4)
3.0m	kg			*8,650	6,710	*6,510	4,450	5,000	3,190	4,950	3,160	7.55
9.8ft	lb			*19,070	14,790	*14,350	9,810	11,020	7,030	10,910	6,970	(24.8)
1.5m	kg					6,850	4,250	4,920	3,110	4,780	3,030	7.64
4.9ft	lb					15,100	9,370	10,850	6,860	10,540	6,680	(25.1)
0.0m	kg			*10,480	6,160	6,710	4,130			4,940	3,110	7.43
0.0ft	lb			*23,100	13,580	14,790	9,110			10,890	6,860	(24.4)
-1.5m	kg			*10,180	6,180	6,700	4,120			5,520	3,450	6.88
-4.9ft	lb			*22,440	13,620	14,770	9,080			12,170	7,610	(22.6)
-3.0m	kg	*12,330	*12,330	*9,100	6,320					*6,650	4,340	5.91
-9.8ft	lb	*27,180	*27,180	*20,060	13,930					*14,660	9,570	(19.4)

5.68 m (18' 8") boom, 2.00 m (6' 7") 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		
		3.0m (9.8ft)		4.5m (14.8ft)		6.0m (19.7ft)		7.5m (24.6ft)		Capacity		Reach
												m (ft)
7.5m	kg									*5,700	*5,700	5.00
24.6ft	lb									*12,570	*12,570	(16.4)
6.0m	kg					*5,440	51,60			*5,500	4,680	6.35
19.7ft	lb					*11,990	11,380			*12,130	10,320	(20.8)
4.5m	kg			*6,870	*6870	*5,780	5,030			*5,540	3,820	7.14
14.8ft	lb			*15,150	*15150	*12,740	11,090			*12,210	8,420	(23.4)
3.0m	kg			*8,650	7220	*6,510	4,800	5,340	3,450	5,280	3,420	7.55
9.8ft	lb			*19,070	15920	*14,350	10,580	11,770	7,610	11,640	7,540	(24.8)
1.5m	kg					*7,230	4,600	5,250	3,370	5,110	3,290	7.64
4.9ft	lb					*15,940	10,140	11,570	7,430	11,270	7,250	(25.1)
0.0m	kg			*10,480	6680	7,170	4,480			5,270	3,370	7.43
0.0ft	lb			*23,100	14730	15,810	9,880			11,620	7,430	(24.4)
-1.5m	kg			*10,180	6690	7,150	4,460			5,890	3,750	6.88
-4.9ft	lb			*22,440	14750	15,760	9,830			12,990	8,270	(22.6)
-3.0m	kg	*12,330	*12,330	*9,100	6840					*6,650	4,700	5.91
-9.8ft	lb	*27,180	*27,180	*20,060	15080					*14,660	10,360	(19.4)

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.



LIFTING CAPACITY

Rating over-front Rating over-side or 360 degree

HX220HD MONO BOOM

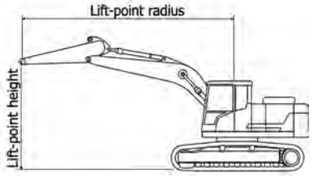
5.68 m (18' 8") boom, 2.40 m (7' 10") arm equipped with 600 mm (24") triple grouser shoe and 3,600 kg counter weight

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	kg									*5,080	*5,080	5.58
24.6ft	lb									*11,200	*11,200	(18.3)
6.0m	kg					*4,980	4,870			*4,620	3,900	6.81
19.7ft	lb					*10,980	10,740			*10,190	8,600	(22.4)
4.5m	kg			*6,320	*6,320	*5,430	4,710	*4,990	3,270	*4,490	3,230	7.55
14.8ft	lb			*13,930	*13,930	*11,970	10,380	*11,000	7,210	*9,900	7,120	(24.8)
3.0m	kg			*8,110	6,810	*6,200	4,480	5,010	3,190	4,570	2,910	7.94
9.8ft	lb			*17,880	15,010	*13,670	9,880	11,050	7,030	10,080	6,420	(26.1)
1.5m	kg			*9,660	6,340	6,860	4,250	4,900	3,090	4,420	2,790	8.03
4.9ft	lb			*21,300	13,980	15,120	9,370	10,800	6,810	9,740	6,150	(26.3)
0.0m	kg			*10,360	6,140	6,690	4,100	4,820	3,020	4,540	2,850	7.83
0.0ft	lb			*22,840	13,540	14,750	9,040	10,630	6,660	10,010	6,280	(25.7)
-1.5m	kg	*10,820	*10,820	*10,290	6,110	6,640	4,060			5,010	3,130	7.31
-4.9ft	lb	*23,850	*23,850	*22,690	13,470	14,640	8,950			11,050	6,900	(24.0)
-3.0m	kg	*13,210	12,210	*9,460	6,220	6,740	4,140			6,140	3,820	6.41
-9.8ft	lb	*29,120	26,920	*20,860	13,710	14,860	9,130			13,540	8,420	(21.0)
-4.5m	kg			*7,130	6,530					*6,300	5,820	4.89
-14.8ft	lb			*15,720	14,400					*1,3890	12,830	(16.0)

5.68 m (18' 8") boom, 2.40 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		
		3.0m (9.8ft)		4.5m (14.8ft)		6.0m (19.7ft)		7.5m (24.6ft)		Capacity		Reach
												m (ft)
7.5m	kg									*5,080	*5,080	5.58
24.6ft	lb									*11,200	*11,200	(18.3)
6.0m	kg					*4,980	*4,980			*4,620	4,190	6.81
19.7ft	lb					*10,980	*10,980			*10,190	9,240	(22.4)
4.5m	kg			*6,320	*6,320	*5,430	5,060	*4,990	3,540	*4,490	3,490	7.55
14.8ft	lb			*13,930	*13,930	*11,970	11,160	*11,000	7,800	*9,900	7,690	(24.8)
3.0m	kg			*8,110	7,330	*6,200	4,820	5,340	3,460	*4,580	3,150	7.94
9.8ft	lb			*17,880	16,160	*13,670	10,630	11,770	7,630	*10,100	6,940	(26.1)
1.5m	kg			*9,660	6,860	*7,000	4,600	5,230	3,350	4,730	3,040	8.03
4.9ft	lb			*21,300	15,120	*15,430	10,140	11,530	7,390	10,430	6,700	(26.3)
0.0m	kg			*10,360	6,650	7,140	4,450	5,160	3,290	4,860	3,100	7.83
0.0ft	lb			*22,840	14,660	15,740	9,810	11,380	7,250	10,710	6,830	(25.7)
-1.5m	kg	*10,820	*10,820	*10,290	6,620	7,090	4,410			5,350	3,400	7.31
-4.9ft	lb	*23,850	*23,850	*22,690	14,590	15,630	9,720			11,790	7,500	(24.0)
-3.0m	kg	*13,210	13,160	*9,460	6,730	*6,940	4,490			*6,280	4,140	6.41
-9.8ft	lb	*29,120	29,010	*20,860	14,840	*15,300	9,900			*13,850	9,130	(21.0)
-4.5m	kg			*7,130	7,040					*6,300	6,270	4.89
-14.8ft	lb			*15,720	15,520					*13,890	13,820	(16.0)

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

HX220HD MONO BOOM

5.68 m (18' 8") boom, 2.92 m (9' 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		
		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							*4,440	*4,440			*3,360	*3,360	6.26
24.6ft	lb							*9,790	*9,790			*7,410	*7,410	(20.5)
6.0m	kg							*4,410	*4,410			*3,090	*3,090	7.38
19.7ft	lb							*9,720	*9,720			*6,810	*6,810	(24.2)
4.5m	kg							*4,920	4,750	*4,660	3,280	*3,010	2,870	8.07
14.8ft	lb							*10,850	10,470	*10,270	7,230	*6,640	6,330	(26.5)
3.0m	kg					*7,340	6,920	*5,740	4,480	5,000	3,170	*3,060	2,600	8.43
9.8ft	lb					*16,180	15,260	*12,650	9,880	11,020	6,990	*6,750	5,730	(27.7)
1.5m	kg					*9,060	6,370	*6,610	4,220	4,860	3,040	*3,240	2,500	8.51
4.9ft	lb					*19,970	14,040	*14,570	9,300	10,710	6,700	*7,140	5,510	(27.9)
0.0m	kg			*5,910	*5,910	*10,050	6,070	6,630	4,040	4,750	2,950	*3,580	2,540	8.32
0.0ft	lb			*13,030	*13,030	*22,160	13,380	14,620	8,910	10,470	6,500	*7,890	5,600	(27.3)
-1.5m	kg	*6,490	*6,490	*10,380	*10,380	*10,260	5,980	6,540	3,960	4,720	2,920	*4,190	2,750	7.84
-4.9ft	lb	*1,4310	*14,310	*22,880	*22,880	*22,620	13,180	14,420	8,730	10,410	6,440	*9,240	6,060	(25.7)
-3.0m	kg	*11,110	*11,110	*14,070	11,880	*9,740	6,050	6,580	3,990			5,270	3,260	7.00
-9.8ft	lb	*24,490	*24,490	*31,020	26,190	*21,470	13,340	14,510	8,800			11,620	7,190	(23.0)
-4.5m	kg			*11,530	*11,530	*8,130	6,270					*6,030	4,560	5.66
-14.8ft	lb			*25,420	*25,420	*17,920	13,820					*13,290	10,050	(18.6)

5.68 m (18' 8") boom, 2.92 m (9' 7") arm equipped with 600 mm (24") triple grouser shoe, and 4,200 kg 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)		Capacity		Reach
														m (ft)
7.5m	kg							*4,440	*4,440			*3,360	*3,360	6.26
24.6ft	lb							*9,790	*9,790			*7,410	*7,410	(20.5)
6.0m	kg							*4,410	*4,410			*3,090	*3,090	7.38
19.7ft	lb							*9,720	*9,720			*6,810	*6,810	(24.2)
4.5m	kg							*4,920	*4,920	*4,660	3,550	*3,010	*3,010	8.07
14.8ft	lb							*10,850	*10,850	*10,270	7,830	*6,640	*6,640	(26.5)
3.0m	kg					*7,340	*7,340	*5,740	4,830	*5,020	3,430	*3,060	2,830	8.43
9.8ft	lb					*16,180	*16,180	*12,650	10,650	*11,070	7,560	*6,750	6,240	(27.7)
1.5m	kg					*9,060	6,880	*6,610	4,570	5,190	3,310	*3,240	2,730	8.51
4.9ft	lb					*19,970	15,170	*14,570	10,080	11,440	7,300	*7,140	6,020	(27.9)
0.0m	kg			*5,910	*5,910	*10,050	6,580	7,080	4,390	5,080	3,210	*3,580	2,770	8.32
0.0ft	lb			*13,030	*13,030	*22,160	14,510	15,610	9,680	11,200	7,080	*7,890	6,110	(27.3)
-1.5m	kg	*6,490	*6,490	*10,380	*10,380	*10,260	6,490	69,90	4,310	5,050	3,180	*4,190	3,000	7.84
-4.9ft	lb	*14,310	*14,310	*22,880	*22,880	*22,620	14,310	15,410	9,500	11,130	7,010	*9,240	6,610	(25.7)
-3.0m	kg	*11,110	*11,110	*14,070	12,840	*9,740	6,560	7,030	4,340			*5,400	3,550	7.00
-9.8ft	lb	*24,490	*24,490	*31,020	28,310	*21,470	14,460	15,500	9,570			*11,900	7,830	(23.0)
-4.5m	kg			*11,530	*11,530	*8,130	6,780					*6,030	4,930	5.66
-14.8ft	lb			*25,420	*25,420	*17,920	14,950					*13,290	10,870	(18.6)

1. Lifting capacity are based on ISO 10567.
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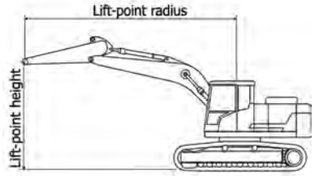
3. The Lift-point is bucket pivot mounting pin on the arm (without bucket mass).
4. (*) indicates load limited by hydraulic capacity.



LIFTING CAPACITY

Rating over-front Rating over-side or 360 degree

HX220HD LONG REACH BOOM

8.2 m (26' 11") boom, 6.3 m (20' 8") 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)
10.5m	kg													*1,210	*1,210					*900	*900	10.88
34.4ft	lb													*2,670	*2,670					*1,980	*1,980	(35.7)
9.0m	kg																			*850	*850	11.94
29.5ft	lb																			*1,870	*1,870	(39.2)
7.5m	kg													*1,910	*1,910	*1,440	*1,440			*820	*820	12.73
24.6ft	lb													*4,210	*4,210	*3,170	*3,170			*1,810	*1,810	(41.8)
6.0m	kg													*2,030	*2,030	*1,810	*1,810			*820	*820	13.31
19.7ft	lb													*4,480	*4,480	*3,990	*3,990			*1,810	*1,810	(43.7)
4.5m	kg											*2,330	*2,330	*2,220	*2,220	*2,110	1,900	*1,080	*1,080	*830	*830	13.70
14.8ft	lb											*5,140	*5,140	*4,890	*4,890	*4,650	4,190	*2,380	*2,380	*1,830	*1,830	(45.0)
3.0m	kg									*3,030	*3,030	*2,680	*2,680	*2,450	2,320	*2,300	1,820	*1,370	*1,370	*860	*860	13.92
9.8ft	lb									*6,680	*6,680	*5,910	*5,910	*5,400	5,110	*5070	4,010	*3,020	*3,020	*1,900	*1,900	(45.7)
1.5m	kg			*2,840	*2,840	*6,410	*6,410	*4,540	*4,540	*3,600	*3,600	*3,050	2,800	*2,700	2,180	*2,470	1,730	*1,520	1,380	*910	*910	13.97
4.9ft	lb			*6,260	*6,260	*14,130	*14,130	*10,010	*10,010	*7,940	*7,940	*6,720	6,170	*5,950	4,810	*5,450	3,810	*3,350	3,040	*2,010	*2,010	(45.8)
0.0m	kg			*2,450	*2,450	*6,310	*6,310	*5,340	4,570	*4,120	3,380	*3,400	2,600	*2,950	2,060	*2,640	1,650	*1,500	1,330	*980	*980	13.85
0.0ft	lb			*5,400	*5,400	*13,910	*13,910	*11,770	10,080	*9,080	7,450	*7,500	5,730	*6,500	4,540	*5,820	3,640	*3,310	2,930	*2,160	*2,160	(45.5)
-1.5m	kg	*2,020	*2,020	*3,010	*3,010	*5,640	*5,640	*5,920	4,250	*4,540	3,160	*3,710	2,450	*3,160	1,950	2,640	1,580	*1,200	*1,200	*1,080	*1,080	13.57
-4.9ft	lb	*4,450	*4,450	*6,640	*6,640	*12,430	*12,430	*13,050	9,370	*10,010	6,970	*8,180	5,400	*6,970	4,300	5,820	3,480	*2,650	*2,650	*2,380	*2,380	(44.5)
-3.0m	kg	*2,900	*2,900	*3,830	*3,830	*6,080	*6,080	*6,270	4,080	*4,830	3,010	3,910	2,340	3,140	1,880	2,600	1,540			*1,220	*1,220	13.11
-9.8ft	lb	*6,390	*6,390	*8,440	*8,440	*13,400	*13,400	*13,820	8,990	*10,650	6,640	8,620	5,160	6,920	4,140	5,730	3,400			*2,690	*2,690	(43.0)
-4.5m	kg	*3,820	*3,820	*4,830	*4,830	*7,050	6,110	*6,400	4,020	*4,970	2,950	3,850	2,290	3,110	1,850	*2,410	1,530			*1,420	*1,420	12.45
-14.8ft	lb	*8,420	*8,420	*10,650	*10,650	*15,540	13,470	*14,110	8,860	*10,960	6,500	8,490	5,050	6,860	4,080	*5,310	3,370			*3,130	*3,130	(40.9)
-6.0m	kg	*4,830	*4,830	*6,000	*6,000	*8,460	6,210	*6,300	4,050	*4,940	2,950	3,860	2,300	3,130	1,860					*1,750	1,650	11.56
-19.7ft	lb	*10,650	*10,650	*13,230	*13,230	*18,650	13,690	*13,890	8,930	*10,890	6,500	8,510	5,070	6,900	4,100					*3,860	3,640	(37.9)
-7.5m	kg	*5,980	*5,980	*7,440	*7,440	*7,880	6,400	*5,940	4,160	*4,690	3,030	*3,780	2,370							*2,330	1,980	10.37
-24.6ft	lb	*13,180	*13,180	*16,400	*16,400	*17,370	14,110	*13,100	9,170	*10,340	6,680	*8,330	5,220							*5,140	4,370	(34.0)
-9.0m	kg			*9,320	*9,320	*6,820	6,700	*5,210	4,360	*4,070	3,200									*3,240	2,620	8.77
-29.5ft	lb			*20,550	*20,550	*15,040	14,770	*11,490	9,610	*8,970	7,050									*7,140	5,780	(28.8)
-10.5m	kg																					
-34.4ft	lb																					

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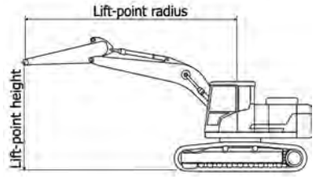

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