

ENGINE			
Maker / Model	Cummins QSB6.7		
Type	4-cycle turbocharged, charge air cooled diesel engine		
Rated flywheel horse power	SAE	J1995 (gross)	136 kW (182.6 HP) at 1,950 rpm
		J1349 (net)	129 kW (173 HP) at 1,950 rpm
	DIN	6271/1 (gross)	136 kW (185 PS) at 1,950 rpm
		6271/1 (net)	129 kW (175 PS) at 1,950 rpm
Max. torque	85.7 kgf·m (620 lbf·ft) at 1,500 rpm		
Bore x stroke	107 x 124 mm (4.21" x 4.88")		
Piston displacement	6,700 cc (409 cu in)		
Batteries	2 x 12 V x 100 Ah		
Starting motor	Denso 24 V - 4.8 kW		
Alternator	Denso 24 V - 95 A		

HYDRAULIC SYSTEM	
MAIN PUMP	
Type	Variable displacement tandem axis piston pumps
Max. flow	2 x 222 l/min
Sub-pump for pilot circuit	Gear pump

Cross-sensing and fuel saving pump system

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

RELIEF VALVE SETTING	
Implement circuits	350 kgf/cm ² (4,980 psi)
Travel	350 kgf/cm ² (4,980 psi)
Power boost (boom, arm, bucket)	380 kgf/cm ² (5,400 psi)
Swing circuit	265 kgf/cm ² (3,770 psi)
Pilot circuit	40 kgf/cm ² (570 psi)
Service valve	Installed

HYDRAULIC CYLINDERS	
No. of cylinder bore x stroke	Boom: Ø 120 x 1,290 mm
	2-Piece Boom: Ø 160 x 1,060 mm
	Arm: Ø 140 x 1,510 mm
	Bucket: Ø 120 x 1,055 mm

DRIVES & BRAKES	
Drive method	Fully hydrostatic type
Drive motor	Axial piston motor, in-shoe design
Reduction system	Planetary reduction gear
Max. drawbar pull	20,200 kgf (44,530 lbf)
Max. travel speed (high / low)	5.5 km/hr (3.41 mph) / 3.6 km/hr (2.23 mph)
Gradeability	35° (70%)
Parking brake	Multi wet disc

CONTROL	
Pilot pressure operated joysticks and pedals with detachable lever provide almost effortless and fatigueless operation.	
Pilot control	Two joysticks with one safety lever (LH): Swing and arm (RH): Boom and bucket (ISO)
Traveling and steering	Two levers with pedals
Engine throttle	Electric, Dial type

SWING SYSTEM	
Swing motor	Fixed displacement axial piston motor
Swing reduction	Planetary gear reduction
Swing bearing lubrication	Grease-bathed
Swing brake	Multi wet disc
Swing speed	10.8 rpm

SERVICE REFILL CAPACITIES			
Re-filling	liter	US gal	UK gal
Fuel tank	400	106	88
Engine coolant	40	10.6	8.8
Engine oil	23	6.1	5.06
Swing device	6.2	1.64	1.36
Final drive (each)	4.5	1.2	1
Hydraulic system (including tank)	275	72.6	60.5
Hydraulic tank	160	42.3	35.2
DEF/AdBlue®	27	7.1	5.9

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

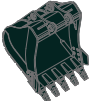
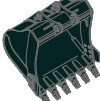
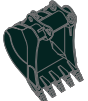
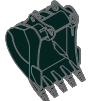
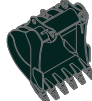

Center frame	X - leg type
Track frame	Pentagonal box type
No. of shoes on each side	49 EA
No. of carrier roller on each side	2 EA
No. of track roller on each side	9 EA
No. of rail guard on each side	2 EA

OPERATING WEIGHT (APPROXIMATE)	
Operating weight, including 5,680 mm (18' 8") boom; 2,920 mm (9' 7") arm; SAE heaped 0.92 m ³ (1.20 yd ³) bucket, lubricant, coolant, full fuel tank, full hydraulic tank and all standard equipments.	

OPERATING WEIGHT				
Shoes	Operating weight		Ground pressure	
Type	Width mm (in)	kg (lb)	kgf / cm ² (psi)	
Triple grouser	600 (24")	HX220 L	22,100 (48,720)	0.47 (6.68)
		HX220 L HW	23,560 (51,940)	0.50 (7.11)
	700 (28")	HX220 L	22,380 (49,340)	0.41 (5.83)
		HX220 L HW	23,840 (52,560)	0.44 (6.26)
	800 (32")	HX220 L	22,660 (49,960)	0.36 (5.12)
		HX220 L HW	24,120 (53,170)	0.39 (5.55)
900 (36")	HX220 L	22,940 (50,570)	0.33 (4.69)	
	HX220 L HW	24,400 (53,790)	0.35 (4.98)	
Double grouser	600 (24")	HX220 L HW	23,690 (52,230)	0.50 (7.11)
	700 (28")	HX220 L HW	24,040 (53,000)	0.43 (6.11)

BUCKET SELECTION GUIDE HX220 L & DIGGING FORCE

BUCKETS

						
SAE heaped m ³ (yd ³)	0.80 (1.05) 0.92 (1.20) 1.10 (1.44) 1.20 (1.57)	1.34 (1.75)	◆ 0.90 (1.18) ◆ 1.05 (1.37)	◆ 0.87 (1.14)	◆ 1.20 (1.57)	★ 0.52 (0.68)

Capacity m ³ (yd ³)		Width mm (in)		Weight kg (lb)	Recommendation mm (ft.in)								
					5,680 (18' 8") Boom				8,200 (26' 11") Boom	5,650 (18' 6") 2-Piece Boom			
SAE heaped	CECE heaped	Without side cutters	With side cutters		2,000 (6' 7") Arm	2,400 (7' 10") Arm	2,920 (9' 7") Arm	3,900 (12' 10") Arm	6,300 (20' 8") Arm	2,000 (6' 7") Arm	2,400 (7' 10") Arm	2,920 (9' 7") Arm	
0.80 (1.05)	0.70 (0.92)	1,070 (42.1)	1,160 (45.7)	770 (1,700)	●	●	●	○	-	●	●	○	
0.92 (1.20)	0.80 (1.05)	1,190 (46.9)	1,280 (50.4)	820 (1,810)	●	●	●	○	-	●	●	○	
1.10 (1.44)	0.96 (1.26)	1,375 (54.1)	1,465 (57.7)	890 (1,960)	●	●	○	○	-	●	○	○	
1.20 (1.57)	1.05 (1.37)	1,390 (54.7)	1,480 (58.3)	920 (2,030)	●	○	○	-	-	●	○	-	
1.34 (1.75)	1.17 (1.53)	1,525 (60.0)	1,615 (63.6)	990 (2,180)	○	○	○	-	-	○	○	-	
◆ 0.90 (1.18)	0.79 (1.03)	1,210 (47.6)	-	880 (1,940)	●	●	●	○	-	●	●	○	
◆ 1.05 (1.37)	0.92 (1.20)	1,355 (53.3)	-	940 (2,070)	●	●	○	○	-	●	○	○	
◆ 0.87 (1.14)	0.77 (1.01)	1,195 (47.0)	-	940 (2,070)	●	●	●	○	-	●	●	○	
◆ 1.20 (1.57)	1.05 (1.37)	1,520 (59.8)	-	1,120 (2,470)	○	○	-	-	-	○	○	-	
★ 0.52 (0.68)	0.45 (0.59)	945 (37.2)	1,020 (40.2)	460 (1,010)	-	-	-	-	○	-	-	-	

- ◆ Heavy duty bucket
- ◆ Rock-Heavy duty bucket
- ★ Long reach 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 (18' 8") & 8.2 m (26' 11") Booms and 5.65 m (18' 6") 2-Piece Boom and 2.0 m (6' 7"); 2.4 m (7' 10"); 2.92 m (9' 7"); 3.9 m (12' 10") & 6.3 m (20' 8") Arms are available.

DIGGING FORCE

Boom	Length	mm (ft.in)	Boom 5,680 (18' 8")				2-Piece Boom 5,650 (18' 6")			8,200 (26' 11")	Remarks:
	Weight	kg (lb)	1,950 (4,300)				2,600 (5,730)			2,350 (5,180)	
Arm	Length	mm (ft.in)	2,000 (6' 7")	2,400 (7' 10")	2,920 (9' 7")	3,900 (12' 10")	2,000 (6' 7")	2,400 (7' 10")	2,920 (9' 7")	6,300 (20' 8")	[]: Power Boost
	Weight	kg (lb)	975 (2,150)	1,045 (2,300)	1,095 (2,410)	1,295 (2,850)	975 (2,150)	1,045 (2,300)	1,095 (2,410)	1,330 (2,930)	
Bucket digging force	SAE	kN	133.4 [144.8]	133.4 [144.8]	133.4 [144.8]	133.4 [144.8]	133.4 [144.8]	133.4 [144.8]	133.4 [144.8]	72.6	
		kgf	13600 [14770]	13600 [14770]	13600 [14770]	13600 [14770]	13600 [14770]	13600 [14770]	13600 [14770]	7400	
		lbf	29980 [32550]	29980 [32550]	29980 [32550]	29980 [32550]	29980 [32550]	29980 [32550]	29980 [32550]	16310	
	ISO	kN	152.0 [165.0]	152.0 [165.0]	152.0 [165.0]	152.0 [165.0]	152.0 [165.0]	152.0 [165.0]	152.0 [165.0]	83.4	
		kgf	15500 [16830]	15500 [16830]	15500 [16830]	15500 [16830]	15500 [16830]	15500 [16830]	15500 [16830]	8500	
		lbf	34170 [37100]	34170 [37100]	34170 [37100]	34170 [37100]	34170 [37100]	34170 [37100]	34170 [37100]	18740	
Arm crowd force	SAE	kN	144.2 [156.5]	119.6 [129.9]	102.0 [110.7]	84.3 [91.6]	144.2 [156.5]	119.6 [129.9]	102.0 [110.7]	49.0	
		kgf	14700 [15960]	12200 [13250]	10400 [11290]	8600 [9340]	14700 [15960]	12200 [13250]	10400 [11290]	5000	
		lbf	32410 [35190]	26900 [29210]	22930 [24900]	18960 [20590]	32410 [35190]	26900 [29210]	22930 [24900]	11020	
	ISO	kN	151.0 [164.0]	125.5 [136.3]	106.9 [116.1]	87.3 [94.8]	151.0 [164.0]	125.5 [136.3]	106.9 [116.1]	50.0	
		kgf	15400 [16720]	12800 [13900]	10900 [11830]	8900 [9660]	15400 [16720]	12800 [13900]	10900 [11830]	5100	
		lbf	33950 [36860]	28220 [30640]	24030 [26090]	19620 [21300]	33950 [36860]	28220 [30640]	24030 [26090]	11240	

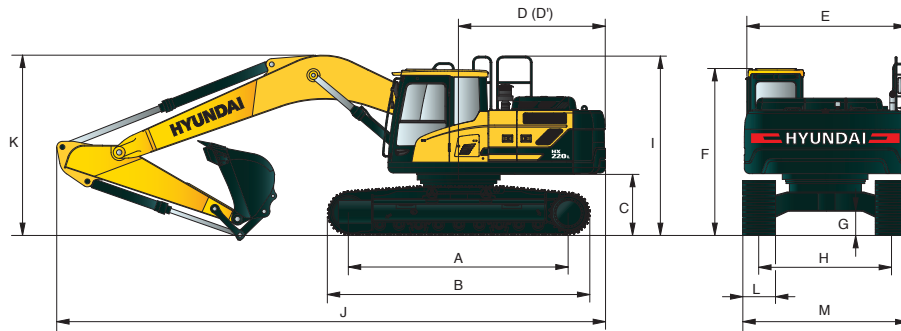
Note : Boom weight includes arm cylinder, piping, and pin
Arm weight includes bucket cylinder, linkage, and pin

DIMENSIONS & WORKING RANGE

HX220 L

HX220 L DIMENSIONS

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



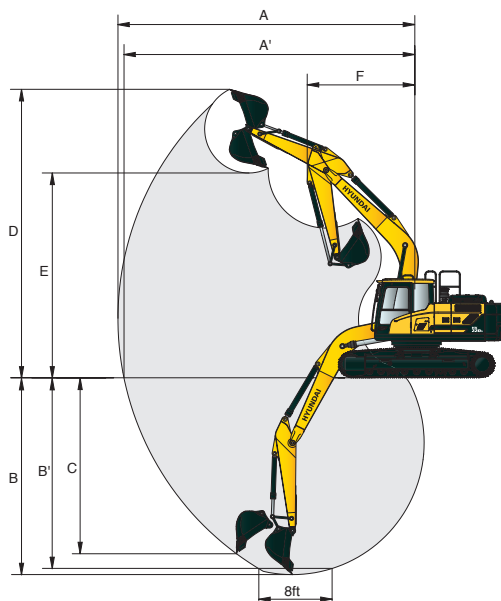
Unit : mm (ft-in)

A	Tumbler distance	3,650 (12' 0")
B	Overall length of crawler	4,404 (14' 4")
C	Ground clearance of counterweight	1,060 (3' 6")
D	Tail swing radius	2,890 (9' 5")
D'	Rear-end length	2,770 (9' 1")
E	Overall width of upperstructure	2,740 (9' 0")
F	Overall height of cab	3,000 (9' 8")
G	Min. ground clearance	480 (1' 7")
H	Track gauge	2,390 (7' 10")
I	Overall height of guardrail	3,210 (10' 5")

Boom length	5,680 (18' 8")			
Arm length	2,000 (6' 7")	2,400 (7' 10")	2,920 (9' 7")	3,900 (12' 10")
J Overall length	9,650 (31' 8")	9,570 (31' 5")	9,530 (31' 3")	9,520 (31' 3")
K Overall height of boom	3,200 (10' 6")	3,110 (10' 2")	3,030 (9' 11")	3,480 (11' 5")
L Track shoe width	600 (24")	700 (28")	800 (32")	900 (36")
M Overall width	2,990 (9' 10")	3,090 (10' 2")	3,190 (10' 6")	3,290 (10' 10")

HX220 L WORKING RANGE

Unit : mm (ft-in)



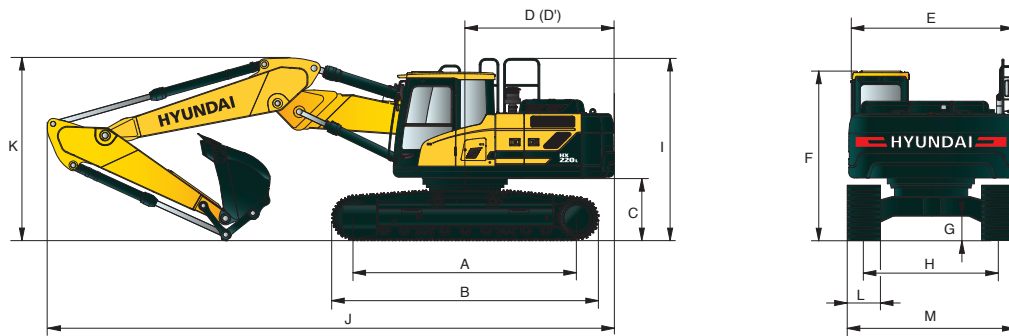
Boom length	5,680 (18' 8")			
Arm length	2,000 (6' 7")	2,400 (7' 10")	2,920 (9' 7")	3,900 (12' 10")
A Max. digging reach	9,140 (30' 0")	9,500 (31' 2")	9,980 (32' 9")	10,910 (35' 10")
A' Max. digging reach on ground	8,960 (29' 5")	9,330 (30' 7")	9,820 (32' 3")	10,770 (35' 4")
B Max. digging depth	5,820 (19' 1")	6,220 (20' 5")	6,730 (22' 1")	7,720 (25' 4")
B' Max. digging depth (8' level)	5,580 (18' 4")	6,010 (19' 9")	6,560 (21' 6")	7,580 (24' 10")
C Max. vertical wall digging depth	5,280 (17' 4")	5,720 (18' 9")	6,280 (20' 7")	7,240 (23' 9")
D Max. digging height	9,140 (30' 0")	9,340 (30' 8")	9,600 (31' 6")	10,110 (33' 2")
E Max. dumping height	6,330 (20' 9")	6,520 (21' 5")	6,780 (22' 3")	7,290 (23' 11")
F Min. front swing radius	3,750 (12' 4")	3,740 (12' 3")	3,670 (12' 0")	3,700 (12' 2")

DIMENSIONS & WORKING RANGE

HX220 L

HX220 L 2-PIECE BOOM DIMENSIONS

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

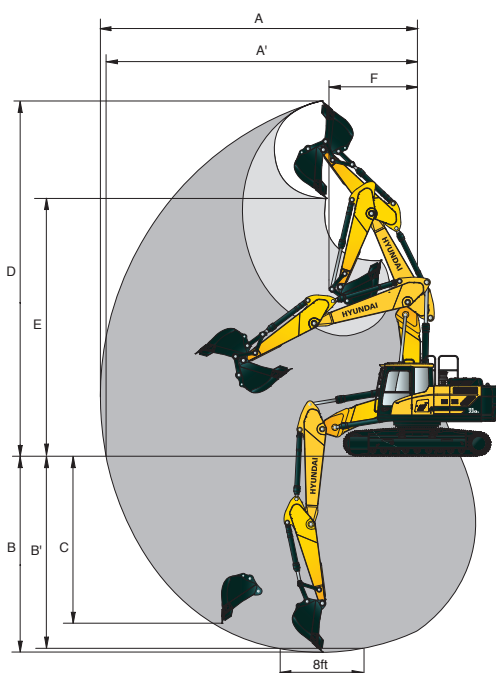


Unit : mm (ft-in)

A	Tumbler distance	3,650 (12' 0")
B	Overall length of crawler	4,404 (14' 4")
C	Ground clearance of counterweight	1,060 (3' 6")
D	Tail swing radius	2,890 (9' 5")
D'	Rear-end length	2,770 (9' 1")
E	Overall width of upperstructure	2,740 (9' 0")
F	Overall height of cab	3,000 (9' 8")
G	Min. ground clearance	480 (1' 7")
H	Track gauge	2,390 (7' 10")
I	Overall height of guardrail	3,210 (10' 5")

Boom length	5,650 (18' 6") 2-Piece Boom			
Arm length	2,000 (6' 7")	2,400 (7' 10")	2,920 (9' 7")	
J Overall length	9,650 (31' 8")	9,570 (31' 5")	9,530 (31' 3")	
K Overall height of boom	3,200 (10' 6")	3,110 (10' 2")	3,030 (9' 11")	
L Track shoe width	600 (24")	700 (28")	800 (32")	900 (36")
M Overall width	2,990 (9' 10")	3,090 (10' 2")	3,190 (10' 6")	3,290 (10' 10")

HX220 L 2-PIECE BOOM WORKING RANGE



Unit : mm (ft-in)

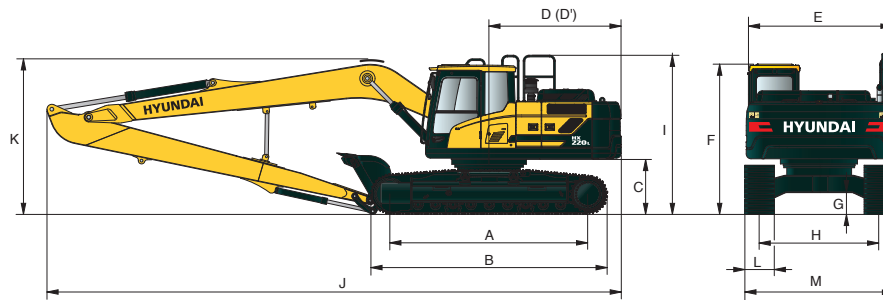
Boom length	5,650 (18' 6") 2-Piece Boom			
Arm length	2,000 (6' 7")	2,400 (7' 10")	2,920 (9' 7")	
A Max. digging reach	9,120 (29' 11")	9,530 (31' 3")	10,020 (32' 10")	
A' Max. digging reach on ground	8,950 (29' 4")	9,360 (30' 8")	9,860 (32' 4")	
B Max. digging depth	5,820 (19' 1")	5,880 (19' 3")	6,400 (21' 0")	
B' Max. digging depth (8' level)	5,480 (18' 0")	5,770 (18' 11")	6,290 (20' 8")	
C Max. vertical wall digging depth	5,360 (17' 7")	5,020 (16' 6")	5,560 (18' 3")	
D Max. digging height	10,310 (33' 10")	10,670 (35' 0")	11,090 (36' 5")	
E Max. dumping height	7,390 (24' 3")	7,750 (25' 5")	8,160 (26' 9")	
F Min. front swing radius	2,870 (9' 5")	2,660 (8' 9")	2,530 (8' 4")	

DIMENSIONS & WORKING RANGE

HX220 L

HX220 L LONG REACH

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



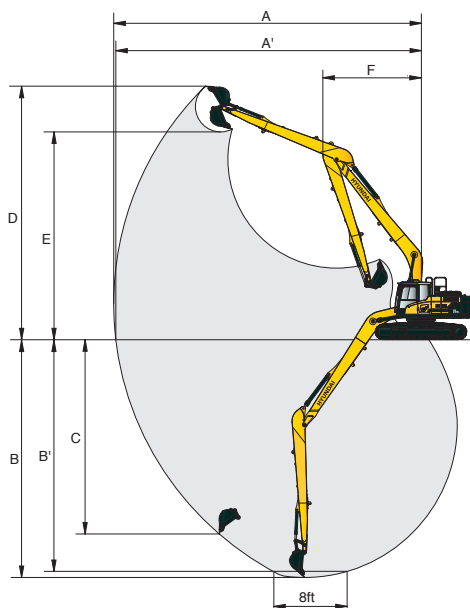
Unit : mm (ft-in)

A	Tumbler distance	3,650 (12' 0")
B	Overall length of crawler	4,404 (14' 4")
C	Ground clearance of counterweight	1,060 (3' 6")
D	Tail swing radius	2,890 (9' 5")
D'	Rear-end length	2,770 (9' 1")
E	Overall width of upperstructure	2,740 (9' 0")
F	Overall height of cab	3,000 (9' 8")
G	Min. ground clearance	480 (1' 7")
H	Track gauge	2,390 (7' 10")
I	Overall height of guardrail	3,210 (10' 5")

	Boom length	8,200 (26' 11")
	Arm length	6,300 (20' 8")
J	Overall length	12,030 (39' 6")
K	Overall height of boom	3,280 (10' 9")
L	Track shoe width	800 (32")
M	Overall width	3,190 (10' 6")

HX220 L LONG REACH WORKING RANGE

Unit : mm (ft-in)



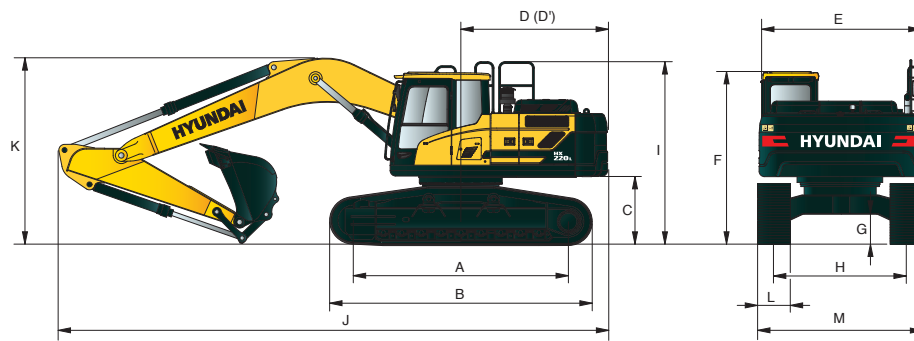
	Boom length	8,200 (26' 11")
	Arm length	6,300 (20' 8")
A	Max. digging reach	15,220 (50' 0")
A'	Max. digging reach on ground	15,120 (49' 7")
B	Max. digging depth	11,760 (38' 7")
B'	Max. digging depth (8° level)	11,650 (38' 3")
C	Max. vertical wall digging depth	9,610 (31' 6")
D	Max. digging height	12,550 (41' 2")
E	Max. dumping height	10,280 (33' 8")
F	Min. front swing radius	4,870 (16' 0")

DIMENSIONS & WORKING RANGE

HX220 L

HX220 L HIGH WALKER DIMENSIONS

5.68 m (18' 8") BOOM and 2.0 m (6' 7"); 2.4 m (7' 10") & 2.92 m (9' 7") ARM

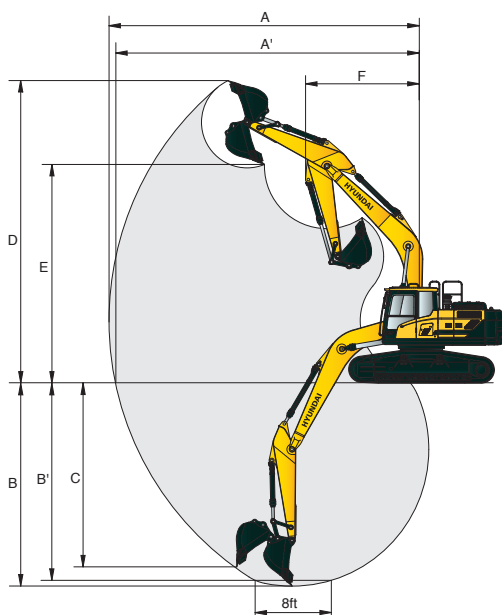


Unit : mm (ft-in)

A	Tumbler distance	3,650 (12' 0")
B	Overall length of crawler	4,404 (14' 4")
C	Ground clearance of counterweight	1,260 (4' 1")
D	Tail swing radius	2,890 (9' 5")
D'	Rear-end length	2,770 (9' 1")
E	Overall width of upperstructure	2,740 (9' 0")
F	Overall height of cab	3,200 (10' 5")
G	Min. ground clearance	660 (2' 2")
H	Track gauge	2,795 (9' 2")
I	Overall height of guardrail	3,410 (11' 2")

Boom length		5,680 (18' 8")					
Arm length		2,000 (6' 7")	2,400 (7' 10")	2,920 (9' 7")	3,900 (12' 10")		
J	Overall length	9,650 (31' 8")	9,550 (31' 4")	9,470 (31' 1")	9,560 (31' 4")		
K	Overall height of boom	3,290 (10' 10")	3,170 (10' 5")	3,060 (10' 0")	3,450 (11' 4")		
L	Track shoe	type	Triple grouser		Double grouser		
		width	600 (24")	700 (28")	800 (32")	900 (36")	600 (24")
M	Overall width	2,990 (9' 10")	3,090 (10' 2")	3,190 (10' 6")	3,695 (12' 2")	3,395 (11' 2")	3,495 (11' 6")

HX220 L HIGH WALKER WORKING RANGE



Unit : mm (ft-in)

Boom length		5,680 (18' 8")			
Arm length		2,000 (6' 7")	2,400 (7' 10")	2,920 (9' 7")	3,900 (12' 10")
A	Max. digging reach	9,140 (30' 0")	9,500 (31' 2")	9,980 (32' 9")	10,910 (35' 10")
A'	Max. digging reach on ground	8,920 (29' 3")	9,290 (30' 6")	9,820 (32' 3")	10,730 (35' 2")
B	Max. digging depth	5,630 (18' 6")	6,010 (19' 9")	6,550 (21' 6")	7,530 (24' 8")
B'	Max. digging depth (8' level)	5,390 (17' 8")	5,820 (19' 1")	6,380 (20' 11")	7,390 (24' 3")
C	Max. vertical wall digging depth	5,090 (16' 8")	5,630 (18' 6")	6,100 (20' 0")	7,050 (23' 1")
D	Max. digging height	9,330 (30' 7")	9,530 (31' 3")	9,780 (32' 1")	10,300 (33' 9")
E	Max. dumping height	6,520 (21' 5")	6,710 (22' 0")	6,960 (22' 10")	7,480 (24' 6")
F	Min. front swing radius	3,750 (12' 4")	3,740 (12' 3")	3,670 (12' 0")	3,700 (12' 2")











LIFTING CAPACITY

HX220 L













 Rating over-front  Rating over-side or 360 degrees

HX220 L

5.68 m (18' 8") Boom; 2.00 m (6' 7") arm equipped with 0.92 m³ (SAE heaped) bucket and 600 mm (24") triple grouser shoes.

Load point height m (ft)	Load radius								At max. reach		
	3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		Capacity		Reach m (ft)
											
7.5 m (25 ft)	kg								*3970	*3970	6.65
	lb								*8750	*8750	(21.8)
6.0 m (20 ft)	kg				*4400	*4400			*4020	3030	7.78
	lb				*9700	*9700			*8860	6680	(25.5)
4.5 m (15 ft)	kg		*5690	*5690	*4820	4640			*4140	2530	8.43
	lb		*12540	*12540	*10630	10230			*9130	5580	(27.7)
3.0 m (10 ft)	kg		*7420	6860	*5570	4370	*4780	3000	4050	*2300	8.74
	lb		*16360	15120	*12280	9630	*10540	6610	8930	5070	(28.7)
1.5 m (5 ft)	kg		*8940	6340	*6340	4120	5080	2880	3990	2250	8.73
	lb		*19710	13980	*13980	9080	11200	6350	8800	4960	(28.6)
Ground Line	kg		*9640	6110	*6860	3960	4990	2810	4210	2370	8.42
	lb		*21250	13470	*15120	8730	11000	6190	9280	5220	(27.6)
-1.5 m (-5 ft)	kg	*13940	12320	*9580	6090	*6950	3910		4830	2750	7.76
	lb	*30730	27160	*21120	13430	*15320	8620		10650	6060	(25.5)
-3.0 m (-10 ft)	kg	*12450	*12450	*8770	6200	*6310	4000		*4800	3650	6.61
	lb	*27450	*27450	*19330	13670	*13910	8820		*10580	8050	(21.7)
-4.5 m (-15 ft)	kg	*9410	*9410								
	lb	*20750	*20750								

5.68 m (18' 8") Boom; 2.40 m (7' 10") arm equipped with 0.92 m³ (SAE heaped) bucket and 600 mm (24") triple grouser shoes.

Load point height m (ft)	Load radius								At max. reach				
	1.5 m (5 ft)		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		Capacity		Reach m (ft)
													
7.5 m (25 ft)	kg										*3660	3640	7.15
	lb										*8070	8020	(23.5)
6.0 m (20 ft)	kg						*3970	*3970			*3730	2750	8.20
	lb						*8750	*8750			*8220	6060	(26.9)
4.5 m (15 ft)	kg						*4450	*4450	*4190	3120	*3860	2320	8.82
	lb						*9810	*9810	*9240	6880	*8510	5110	(28.9)
3.0 m (10 ft)	kg				*6850	*6850	*5240	4410	*4520	3010	3760	2120	9.11
	lb				*15100	*15100	*11550	9720	*9960	6640	8290	4670	(29.9)
1.5 m (5 ft)	kg				*8510	6400	*6080	4130	*4930	2880	3710	2070	9.10
	lb				*18760	14110	*13400	9110	*10870	6350	8180	4560	(29.9)
Ground Line	kg		*8830	*8830	*9440	6100	*6700	3940	4960	2770	3890	2170	8.18
	lb		*19470	*19470	*20810	13450	*14770	8690	10930	6110	8580	4780	(26.8)
-1.5 m (-5 ft)	kg	*9800	*9800	*13550	12120	*9610	6020	*6920	3860		4400	2480	7.12
	lb	*21610	*21610	*29870	26720	*21190	13270	*15260	8510		9700	5470	(23.4)
-3.0 m (-10 ft)	kg	*14180	*14180	*13180	12340	*9040	6100	*6540	3900		*4660	3190	
	lb	*31260	*31260	*29060	27210	*19930	13450	*14420	8600		*10270	7030	
-4.5 m (-15 ft)	kg			*10580	*10580	*7350	6350						
	lb			*23320	*23320	*16200	14000						

1. Lifting capacity are based on SAE J1097 and 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 load point is a hook located on the back of the bucket.

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













LIFTING CAPACITY

HX220 L















 Rating over-front  Rating over-side or 360 degrees

HX220 L

5.68 m (18' 8") Boom; 2.92 m (9' 7") arm equipped with 0.92 m³ (SAE heaped) bucket and 600 mm (24") triple grouser shoes.

Load point height m (ft)	Load radius										At max. reach			
	1.5 m (5 ft)		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		Capacity		Reach m (ft)	
														
7.5 m (25 ft)	kg											*3310	3140	7.78
	lb											*7300	6920	(25.5)
6.0 m (20 ft)	kg								*2300	*2300		*3400	2450	8.74
	lb								*5070	*5070		*7500	5400	(28.7)
4.5 m (15 ft)	kg							*3970	*3970	*3780	3170	*3530	2090	9.32
	lb							*8750	*8750	6990	6990	*7780	4610	(30.6)
3.0 m (10 ft)	kg			*9720	*9720	*6100	*6100	*4790	4460	*4180	3030	3440	1910	9.59
	lb			*21430	*21430	*13450	*13450	*10560	9830	*9220	6680	7580	4210	(31.5)
1.5 m (5 ft)	kg			*8850	*8850	*7900	6500	*5700	4150	*4660	2870	3380	1860	9.59
	lb			*19510	*19510	*17420	14330	*12570	9150	*10270	6330	7450	4100	(31.5)
Ground Line	kg			*9590	*9590	*9100	6100	*6440	3920	4930	2740	3520	1930	9.31
	lb			*21140	*21140	*20060	13450	*14200	8640	10870	6040	7760	4250	(30.5)
-1.5 m (-5 ft)	kg	*8840	*8840	*12650	11920	*9540	5940	*6810	3800	4860	2680	3910	2170	8.72
	lb	*19490	*19490	*27980	26280	*21030	13100	*15010	8380	10710	5910	8620	4780	(28.6)
-3.0 m (-10 ft)	kg	*12230	*12230	*13910	12080	*9260	5960	*6690	3800			*4420	2700	7.75
	lb	*26960	*26960	*30670	26630	*20410	13140	*14750	8380			*9740	5950	(25.4)
-4.5 m (-15 ft)	kg			*11800	*11800	*8060	6150					*4280	4080	6.16
	lb			*26010	*26010	*17770	13560					*9440	8990	(20.2)

5.68 m (18' 8") Boom; 3.90 m (12' 9") arm equipped with 0.92 m³ (SAE heaped) bucket and 600 mm (24") triple grouser shoes.

Load point height m (ft)	Load radius										At max. reach					
	1.5 m (5 ft)		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		9.0 m (30 ft)		Capacity		Reach m (ft)	
																
9.0 m (30 ft)	kg													*2700	*2700	7.66
	lb													*5950	*5950	(25.1)
7.5 m (25 ft)	kg								*1940	*1940				*2760	*2760	8.94
	lb								*4280	*4280				*6080	*6080	(29.3)
6.0 m (20 ft)	kg								*2790	*2790				*2850	2600	9.77
	lb								*6150	*6150				*6280	5730	(32.1)
4.5 m (15 ft)	kg								*3050	*3050	*2000	*2000	*2970	2300	10.28	
	lb								*6720	*6720	*4410	*4410	*6550	5070	(33.7)	
3.0 m (10 ft)	kg							*3900	*3900	*3510	*3510	*2870	2860	*3110	2140	10.52
	lb							*8600	*8600	*7740	*7740	*6330	6310	*6860	4720	(34.5)
1.5 m (5 ft)	kg			*11080	*11080	*6600	*6600	*4900	*4900	*4080	3820	*3410	2760	3080	2090	10.52
	lb			*24430	*24430	*14550	*14550	*10800	*10800	*8990	8420	*7520	6080	6790	4610	(34.5)
Ground Line	kg	*5300	*5300	*10640	*10640	*8200	*8200	*5820	5210	*4610	3630	*3490	2660	3180	2150	10.27
	lb	*11680	*11680	*23460	*23460	*18080	*18080	*12830	11490	*10160	8000	*7690	5860	7010	4740	(33.7)
-1.5 m (-5 ft)	kg	*7540	*7540	*11690	*11690	*9110	7900	*6440	4990	*4990	3510	*2330	*2330	3450	2340	9.75
	lb	*16620	*16620	*25770	*25770	*20080	17420	*14200	11000	*11000	7740	*5140	*5140	7610	5160	(32.0)
-3.0 m (-10 ft)	kg	*10030	*10030	*14390	*14390	*9320	7800	*6660	4910	*5070	3470			*3850	2750	8.91
	lb	*22110	*22110	*31720	*31720	*20550	17200	*14680	10820	*11180	7650			*8490	6060	(29.2)
-4.5 m (-15 ft)	kg	*13000	*13000	*13310	*13310	*8780	7890	*6290	4960					*3990	3640	7.62
	lb	*28660	*28660	*29340	*29340	*19360	17390	*13870	10930					*8800	8020	(25.0)
-6.0 m (-20 ft)	kg			*10560	*10560	*7050	*7050									
	lb			*23280	*23280	*15540	*15540									

1. Lifting capacity are based on SAE J1097 and 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 load point is a hook located on the back of the bucket.

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











LIFTING CAPACITY

HX220 L











 Rating over-front  Rating over-side or 360 degrees

HX220 L 2-PIECE BOOM

5.65 m (18' 6") 2-Piece Boom; 2.00 m (6' 7") arm equipped with 0.92 m³ (SAE heaped) bucket and 600 mm (24") triple grouser shoes.

Load point height m (ft)	Load radius								At max. reach			
	3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		Capacity		Reach m (ft)	
												
10.5 m (35 ft)	kg								*6180	*6180	4.64 (15.2)	
9.0 m (30 ft)	kg								*13620	*13620	4.61 (15.1)	
7.5 m (25 ft)	kg			*6710	*6710				*5270	4060	6.67 (21.9)	
6.0 m (20 ft)	kg			*14790	*14790				*11620	8950	7.80 (25.6)	
4.5 m (15 ft)	kg			6780	*6870	*5850	4780		*4850	2970	8.45 (27.7)	
3.0 m (10 ft)	kg			15150	*15150	*12900	10540		*10690	6550	8.75 (28.7)	
1.5 m (5 ft)	kg	*11340	*11340	*7750	7500	*6130	4610		4360	2470	8.75 (28.7)	
Ground Line	kg	*25000	*25000	*17090	16530	*13510	10160		9610	5450	8.44 (27.7)	
-1.5 m (-5 ft)	kg			*8930	6810	*6590	4330	5200	2950	4030	2250	7.77 (25.5)
-3.0 m (-10 ft)	kg			*19690	15010	*14530	9550	11460	6500	8880	4960	8.84 (29.0)
	kg			*9600	6250	*6900	4060	5070	2830	3980	2200	9.13 (30.0)
	kg			*21160	13780	*15210	8950	11180	6240	8770	4850	9.13 (30.0)
	kg			*9290	6020	*6800	3890	4990	2760	*3940	2330	8.84 (29.0)
	kg			*20480	13270	*14990	8580	11000	6080	*8690	5140	8.84 (29.0)
	kg	*9840	*9840	*8130	6010	*6060	3850			*3360	2710	8.21 (26.9)
	kg	*21690	*21690	*17920	13250	*13360	8490			*7410	5970	8.21 (26.9)
	kg			*6030	*6030	*4250	3970					
	kg			*13290	*13290	*9370	8750					

5.65 m (18' 6") 2-Piece Boom; 2.40 m (7' 10") arm equipped with 0.92 m³ (SAE heaped) bucket and 600 mm (24") triple grouser shoes.

Load point height m (ft)	Load radius								At max. reach			
	3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		Capacity		Reach m (ft)	
												
9.0 m (30 ft)	kg									*5690	*5690	5.40 (17.7)
7.5 m (25 ft)	kg			*5860	*5860					*12540	*12540	7.19 (23.6)
6.0 m (20 ft)	kg			*12920	*12920					*4850	3560	8.23 (27.0)
4.5 m (15 ft)	kg			*6410	*6410	*5520	4860			*9940	5930	8.85 (29.0)
3.0 m (10 ft)	kg			*14130	*14130	*12170	10710			4020	2260	9.14 (30.0)
1.5 m (5 ft)	kg	*10290	*10290	*7300	*7300	*5860	4670	*4360	3080	8860	4980	9.13 (30.0)
Ground Line	kg	*22690	*22690	*16090	*16090	*12920	10300	*9610	6790	*8290	4670	8.21 (26.9)
	kg			*8550	6940	*6370	4370	*5170	2960	3740	2060	8.21 (26.9)
	kg			*18850	15300	*14040	9630	*11140	6530	8250	4540	8.21 (26.9)
	kg			*9440	6320	*6780	4070	5070	2820	3690	2020	9.13 (30.0)
	kg			*20810	13930	*14950	8970	11180	6220	8140	4450	9.13 (30.0)
	kg	*8600	*8600	*9420	6000	*6820	3870	4960	2720	*3760	2120	8.84 (29.0)
	kg	*18960	*18960	*20770	13230	*15040	8530	10930	6000	*8290	4670	8.84 (29.0)
	kg	*11240	*11240	*8510	5930	*6280	3800	*4460	2710	*3310	2440	8.21 (26.9)
	kg	*24780	*24780	*18760	13070	*13850	8380	*9830	5970	*7300	5380	8.21 (26.9)
	kg			*6700	6040	*4870	3860					
	kg			*14770	13320	*10740	8510					

- Lifting capacity are based on SAE J1097 and ISO 10567.
- 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.
- The load point is a hook located on the back of the bucket.
- (*) indicates load limited by hydraulic capacity.











LIFTING CAPACITY

HX220 L

 Rating over-front  Rating over-side or 360 degrees

HX220 L 2-PIECE BOOM

5.65 m (18' 6") 2-Piece Boom; 2.92 m (9' 7") arm equipped with 0.92 m³ (SAE heaped) bucket and 600 mm (24") triple grouser shoes.

Load point height m (ft)	Load radius								At max. reach		Reach m (ft)	
	3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		Capacity			
												
9.0 m (30 ft)	kg		*3290	*3290					*4590	*4590	6.28	
	lb		*7250	*7250					*10120	*10120	(20.6)	
7.5 m (25 ft)	kg				*3520	*3520			*4020	3060	7.83	
	lb				*7760	*7760			*8860	6750	(25.7)	
6.0 m (20 ft)	kg		*5160	*5160	*4870	*4870	*2440	*2440	*3790	2370	8.79	
	lb		*11380	*11380	*10740	*10740	*5380	*5380	*8360	5220	(28.8)	
4.5 m (15 ft)	kg		*6680	*6680	*5480	4750	*4380	3140	3650	2020	9.36	
	lb		*14730	*14730	*12080	10470	*9660	6920	8050	4450	(30.7)	
3.0 m (10 ft)	kg	*12620	*12620	*8000	7130	*6060	4430	*4970	2990	3400	1850	9.63
	lb	*27820	*27820	*17640	15720	*13360	9770	*10960	6590	7500	4080	(31.6)
1.5 m (5 ft)	kg	*8680	*8680	*9130	6430	*6580	4100	5070	2820	3350	1800	9.63
	lb	*19140	*19140	*20130	14180	*14510	9040	11180	6220	7390	3970	(31.6)
Ground Line	kg	*9390	*9390	*9450	6000	*6780	3850	4930	2690	3500	1880	9.35
	lb	*20700	*20700	*20830	13230	*14950	8490	10870	5930	7720	4140	(30.7)
-1.5 m (-5 ft)	kg	*12500	11770	*8880	5850	*6460	3730	*4770	2630	*3200	2130	8.77
	lb	*27560	25950	*19580	12900	*14240	8220	*10520	5800	*7050	4700	(28.8)
-3.0 m (-10 ft)	kg	*9950	*9950	*7420	5890	*5420	3750					
	lb	*21940	*21940	*16360	12990	*11950	8270					

1. Lifting capacity are based on SAE J1097 and 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 load point is a hook located on the back of the bucket.

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

















LIFTING CAPACITY

HX220 L

 Rating over-front  Rating over-side or 360 degrees

HX220 L LONG REACH

8.2 m (26' 11") Boom; 6.3 m (20' 8") arm equipped with 0.52 m³ (SAE heaped) bucket and 800 mm (32") triple grouser shoes.

Load point height m (ft)	Load radius														At max. reach			
	4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		9.0 m (30 ft)		10.5 m (35 ft)		12.0 m (40 ft)		13.5 m (45 ft)		Capacity	Reach		
																	m (ft)	
10.5 m (35 ft)	kg														*1470	*1470	12.11	
	lb														*3240	*3240	(39.7)	
9.0 m (30 ft)	kg										*930	*930			*1490	*1490	13.11	
	lb										*2050	*2050			*3280	*3280	(43.0)	
7.5 m (25 ft)	kg										*1540	*1540			*1530	1350	13.84	
	lb										*3400	*3400			*3370	2980	(45.4)	
6.0 m (20 ft)	kg								*1590	*1590	*1600	*1600			*1580	1190	14.37	
	lb								*3510	*3510	*3530	*3530			*3480	2620	(47.1)	
4.5 m (15 ft)	kg								*1770	*1770	*1710	*1710	*1260	*1260	*1630	1080	14.72	
	lb								*3900	*3900	*3770	*3770	*2780	*2780	*3590	2380	(48.3)	
3.0 m (10 ft)	kg				*2500	*2500	*2200	*2200	*2000	*2000	*1860	1670	*1590	1260	*1700	1010	14.89	
	lb				*5510	*5510	*4850	*4850	*4410	*4410	*4100	3680	*3510	2780	*3750	2230	(48.9)	
1.5 m (-5 ft)	kg	*5570	*5570	*3900	*3900	*3060	*3060	*2560	*2560	*2240	2050	*2030	1570	*1790	1200	*1780	970	14.90
	lb	*12280	*12280	*8600	*8600	*6750	*6750	*5640	*5640	*4940	4520	*4480	3460	*3950	2650	*3920	2140	(48.9)
Ground Line	kg	*6930	6870	*4720	4590	*3580	3320	*2910	2490	*2490	1910	*2200	1480	*1820	1140	*1860	960	14.75
	lb	*15280	15150	*10410	10120	*7890	7320	*6420	5490	*5490	4210	*4850	3260	*4010	2510	*4100	2120	(48.4)
-1.5 m (-5 ft)	kg	*7750	6340	*5330	4220	*4020	3060	*3220	2320	*2700	1790	*2350	1400	*1570	1100	*1960	990	14.42
	lb	*17090	13980	*11750	9300	*8860	6750	*7100	5110	*5950	3950	*5180	3090	*3460	2430	*4320	2180	(47.3)
-3.0 m (-10 ft)	kg	*8150	6120	*5720	4000	*4330	2890	*3450	2190	*2870	1700	*2460	1340			*2060	1050	13.92
	lb	*17970	13490	*12610	8820	*9550	6370	*7610	4830	*6330	3750	*5420	2950			*4540	2310	(45.7)
-4.5 m (-15 ft)	kg	*8220	6060	*5890	3910	*4490	2810	*3590	2120	*2960	1660	*2490	1330			*2180	1170	13.20
	lb	*18120	13360	*12990	8620	*9900	6190	*7910	4670	*6530	3660	*5490	2930			*4810	2580	(43.3)
-6.0 m (-20 ft)	kg	*8020	6130	*5840	3920	*4500	2790	*3600	2110	*2940	1660					*2310	1370	12.25
	lb	*17680	13510	*12870	8640	*9920	6150	*7940	4650	*6480	3660					*5090	3020	(40.2)
-7.5 m (-25 ft)	kg	*7500	6310	*5550	4010	*4300	2850	*3420	2170	*2700	1730					*2430	1710	10.97
	lb	*16530	13910	*12240	8840	*9480	6280	*7540	4780	*5950	3810					*5360	3770	(36.0)
-9.0 m (-30 ft)	kg	*6570	*6570	*4920	4200	*3790	3000	*2890	2320									
	lb	*14480	*14480	*10850	9260	*8360	6610	*6370	5110									
-10.5 m (-35 ft)	kg	*4970	*4970	*3680	*3680													
	lb	*10960	*10960	*8110	*8110													

1. Lifting capacity are based on SAE J1097 and 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 load point is a hook located on the back of the bucket.
4. (*) indicates load limited by hydraulic capacity.











LIFTING CAPACITY

HX220 L











 Rating over-front  Rating over-side or 360 degrees

HX220 L HIGH WALKER

5.68 m (18' 8") Boom; 2.00 m (6' 7") arm equipped with 0.92 m³ (SAE heaped) bucket and 600 mm (24") triple grouser shoes.

Load point height m (ft)	Load radius								At max. reach		
	3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		Capacity		Reach m (ft)
											
7.5 m (25 ft)	kg								*3970	*3970	6.65
	lb								*8750	*8750	(21.8)
6.0 m (20 ft)	kg				*4400	*4400			*4020	3920	7.78
	lb				*9700	*9700			*8860	8640	(25.5)
4.5 m (15 ft)	kg		*5690	*5690	*4820	*4820			*4140	3330	8.43
	lb		*12540	*12540	*10630	*10630			*9130	7340	(27.7)
3.0 m (10 ft)	kg		*7420	*7420	*5570	*5570	*4780	3930	*4300	3060	8.74
	lb		*16360	*16360	*12280	*12280	*10540	8660	*9480	6750	(28.7)
1.5 m (5 ft)	kg		*8940	8430	*6340	5420	*5140	3810	4300	3010	8.73
	lb		*19710	18580	*13980	11950	*11330	8400	9480	6640	(28.6)
Ground Line	kg		*9640	8190	*6860	5250	*5370	3730	4540	3170	8.42
	lb		*21250	18060	*15120	11570	*11840	8220	10010	6990	(27.6)
-1.5 m (-5 ft)	kg	*13940	*13940	*9580	8160	*6950	5190		*4840	3630	7.76
	lb	*30730	*30730	*21120	17990	*15320	11440		*10670	8000	(25.5)
-3.0 m (-10 ft)	kg	*12450	*12450	*8770	8290	*6310	5290		*4800	4780	6.61
	lb	*27450	*27450	*19330	18280	*13910	11660		*10580	10540	(21.7)
-4.5 m (-15 ft)	kg	*9410	*9410								
	lb	*20750	*20750								

5.68 m (18' 8") Boom; 2.40 m (7' 10") arm equipped with 0.92 m³ (SAE heaped) bucket and 600 mm (24") triple grouser shoes.

Load point height m (ft)	Load radius								At max. reach				
	1.5 m (5 ft)		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		Capacity		Reach m (ft)
													
7.5 m (25 ft)	kg										*3660	*3660	7.15
	lb										*8070	*8070	(23.5)
6.0 m (20 ft)	kg						*3970	*3970			*3730	3580	8.20
	lb						*8750	*8750			*8220	7890	(26.9)
4.5 m (15 ft)	kg						*4450	*4450	*4190	4060	*3860	3070	8.82
	lb						*9810	*9810	*9240	8950	*8510	6770	(28.9)
3.0 m (10 ft)	kg				*6850	*6850	*5240	*5240	*4520	3940	*4020	2840	9.11
	lb				*15100	*15100	*11550	*11550	*9960	8690	*8860	6260	(29.9)
1.5 m (5 ft)	kg				*8510	8500	*6080	5430	*4930	3810	4010	2780	9.10
	lb				*18760	18740	*13400	11970	*10870	8400	8840	6130	(29.9)
Ground Line	kg		*8830	*8830	*9440	8180	*6700	5230	*5250	3700	4200	2920	8.81
	lb		*19470	*19470	*20810	18030	*14770	11530	*11570	8160	9260	6440	(28.9)
-1.5 m (-5 ft)	kg	*9800	*9800	*13550	*13550	*9610	8090	*6920	5140		*4590	3300	8.18
	lb	*21610	*21610	*29870	*29870	*21190	17840	*15260	11330		*10120	7280	(26.8)
-3.0 m (-10 ft)	kg	*14180	*14180	*13180	*13180	*9040	8170	*6540	5190		*4660	4190	7.12
	lb	*31260	*31260	*29060	*29060	*19930	18010	*14420	11440		*10270	9240	(23.4)
-4.5 m (-15 ft)	kg			*10580	*10580	*7350	*7350						
	lb			*23320	*23320	*16200	*16200						

1. Lifting capacity are based on SAE J1097 and 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 load point is a hook located on the back of the bucket.

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













 Rating over-front  Rating over-side or 360 degrees

HX220 L HIGH WALKER

5.68 m (18' 8") Boom; 2.92 m (9' 7") arm equipped with 0.92 m³ (SAE heaped) bucket and 600 mm (24") triple grouser shoes.

Load point height m (ft)	Load radius										At max. reach			
	1.5 m (5 ft)		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		Capacity		Reach m (ft)	
														
7.5 m (25 ft)											*3310	*3310	7.78	
	kg										*7300	*7300	(25.5)	
6.0 m (20 ft)	kg								*2300	*2300	*3400	3210	8.74	
	lb								*5070	*5070	*7500	7080	(28.7)	
4.5 m (15 ft)	kg							*3970	*3970	*3780	*3780	*3530	2780	9.32
	lb							*8750	*8750	*8330	*8330	*7780	6130	(30.6)
3.0 m (10 ft)	kg		*9720	*9720	*6100	*6100	*4790	*4790	*4180	3970	*3680	2580	9.59	
	lb		*21430	*21430	*13450	*13450	*10560	*10560	*9220	8750	*8110	5690	(31.5)	
1.5 m (5 ft)	kg		*8850	*8850	*7900	*7900	*5700	5450	*4660	3800	3660	2530	9.59	
	lb		*19510	*19510	*17420	*17420	*12570	12020	*10270	8380	8070	5580	(31.5)	
Ground Line	kg		*9590	*9590	*9100	8180	*6440	5210	*5060	3670	3810	2630	9.31	
	lb		*21140	*21140	*20060	18030	*14200	11490	*11160	8090	8400	5800	(30.5)	
-1.5 m (-5 ft)	kg	*8840	*8840	*12650	*12650	*9540	8010	*6810	5080	5240	3610	4230	2930	8.72
	lb	*19490	*19490	*27890	*27890	*21030	17660	*15010	11200	11550	7960	9330	6460	(28.6)
-3.0 m (-10 ft)	kg	*12230	*12230	*13910	*13910	*9260	8040	*6690	5080			*4420	3590	7.75
	lb	*26960	*26960	*30670	*30670	*20410	17730	*14750	11200			*9740	7910	(25.4)
-4.5 m (-15 ft)	kg		*11800	*11800	*8060	*8060						*4280	*4280	6.16
	lb		*26010	*26010	*17770	*17770						*9440	*9440	(20.2)

5.68 m (18' 8") Boom; 3.90 m (12' 9") arm equipped with 0.92 m³ (SAE heaped) bucket and 600 mm (24") triple grouser shoes.

Load point height m (ft)	Load radius										At max. reach					
	1.5 m (5 ft)		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		9.0 m (30 ft)		Capacity		Reach m (ft)	
																
9.0 m (30 ft)	kg												*2700	*2700	7.66	
	lb												*5950	*5950	(25.1)	
7.5 m (25 ft)	kg								*1940	*1940			*2760	*2760	8.94	
	lb								*4280	*4280			*6080	*6080	29.3	
6.0 m (20 ft)	kg								*2790	*2790			*2850	2600	9.77	
	lb								*6150	*6150			*6280	5730	(32.1)	
4.5 m (15 ft)	kg								*3050	*3050	*2000	*2000	*2970	2300	10.28	
	lb								*6720	*6720	*4410	*4410	*6550	5070	(33.7)	
3.0 m (10 ft)	kg						*3900	*3900	*3510	*3510	*2870	2860	*3110	2140	10.52	
	lb						*8600	*8600	*7740	*7740	*6330	6310	*6860	4720	(34.5)	
1.5 m (5 ft)	kg		*11080	*11080	*6600	*6600	*4900	*4900	*4080	3820	*3410	2760	3080	2090	10.52	
	lb		*24430	*24430	*14550	*14550	*10800	*10800	*8990	8420	*7520	6080	6790	4610	(34.5)	
Ground Line	kg	*5300	*5300	*10640	*10640	*8200	*8200	*5820	5210	*4610	3630	*3490	2660	3180	2150	10.27
	lb	*11680	*11680	*23460	*23460	*18080	*18080	*12830	11490	*10160	8000	*7690	5860	7010	4740	(33.7)
-1.5 m (-5 ft)	kg	*7540	*7540	*11690	*11690	*9110	7900	*6440	4990	*4990	3510	*2330	*2330	3450	2340	9.75
	lb	*16620	*16620	*25770	*25770	*20080	17420	*14200	11000	*11000	7740	*5140	*5140	7610	5160	(32.0)
-3.0 m (-10 ft)	kg	*10030	*10030	*14390	*14390	*9320	7800	*6660	4910	*5070	3470			*3850	2750	8.91
	lb	*22110	*22110	*31720	*31720	*20550	17200	*14680	10820	*11180	7650			*8490	6060	29.2
-4.5 m (-15 ft)	kg	*13000	*13000	*13310	*13310	*8780	7890	*6290	4960					*3990	3640	7.62
	lb	*28660	*28660	*29340	*29340	*19360	17390	*13870	10930					*8800	8020	(25.0)
-6.0 m (-20 ft)	kg		*10560	*10560	*7050	*7050										
	lb		*23280	*23280	*15540	*15540										

1. Lifting capacity are based on SAE J1097 and 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 load point is a hook located on the back of the bucket.

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

ENGINE	STD	OPT
Cummins QSB 6.7 engine	●	
HYDRAULIC SYSTEM		
Intelligent Power Control (IPC)		
3-power mode, 2-work mode, user mode	●	
Variable Power Control	●	
Pump Flow Control	●	
Attachment Mode Flow Control		●
Engine Auto Idle	●	
Engine Auto Shutdown Control		●
Electronic Fan Control	●	
CABIN & INTERIOR		
ISO Standard cabin		
Rise-up type windshield wiper	●	
Radio / USB player	●	
Handsfree mobile phone system with USB	●	
12 volt power outlet (24V DC to 12V DC converter)	●	
Electric horn	●	
All-weather steel cab with 360° visibility	●	
Safety glass windows	●	
Sliding fold-in front window	●	
Sliding side window (LH)	●	
Lockable door	●	
Hot & cool box	●	
Storage compartment & Ashtray	●	
Transparent cabin roof-cover	●	
Sun visor	●	
Door and cab locks, one key	●	
Mechanical suspension seat with heater	●	
Pilot-operated slidable joystick	●	
Console box height adjust system	●	
Automatic climate control		
Air conditioner & heater	●	
Defroster	●	
Starting Aid (air grid heater) for cold weather	●	
Centralized monitoring		
8" LCD display	●	
Engine speed or Trip meter/Accel.	●	
Engine coolant temperature gauge	●	
Max power	●	
Low speed/High speed	●	
Auto idle	●	
Overload	●	
Check Engine	●	
Air cleaner clogging	●	
Indicators	●	
ECO Gauges	●	
Fuel level gauge	●	
Hyd. oil temperature gauge	●	
Fuel warmer	●	
Warnings	●	
Communication error	●	
Low battery	●	
Clock	●	
Cabin lights		●
Cabin front window rain guard		●
Cabin roof-steel cover		●
Seat		
Adjustable air suspension seat with heater		●
Cabin FOPS/FOG (ISO/DIS 10262) Level 2		
FOPS (Falling Object Protective Structure) · ISO 3449 Level 2		●
FOG (Falling Object Guard)		●
Cabin ROPS (ISO 12117-2)		
ROPS (Roll Over Protective Structure)	●	

SAFETY		
Battery master switch	●	
Rearview camera	●	
AAVM (Advanced Around View Monitoring)		●
Four front working lights	●	
Travel alarm	●	
Rear work lamp		●
Beacon lamp		●
Automatic swing brake	●	
Boom holding system	●	
Arm holding system	●	
Safety lock valve for boom cylinder with overload warning device	●	
Safety lock valve for arm cylinder		●
Swing Lock System		●
Three outside rearview mirrors	●	

OTHER

Booms		
5.68 m; 18' 8" Mono boom	●	
5.65 m; 18' 6" 2-Piece boom		●
8.2 m; 26' 11" Long reach		●

Arms		
2.0 m; 6' 7"		●
2.4 m; 7' 10"		●
2.92 m; 9' 7"	●	
3.9 m; 12' 10"		●
6.3 m; 20' 8" Long reach		●
Removable clean-out dust net for cooler	●	
Removable reservoir tank	●	
Fuel pre-filter	●	
Fuel warmer	●	
Self-diagnostics system	●	
Hi-mate (Remote Management System)	●	
Batteries (2 x 12 V x 100 Ah)	●	
Fuel filler pump (50 l/min)	●	
Single-acting piping kit (breaker, etc.)		●
Double-acting piping kit (clamshell, etc.)	●	
Rotating Piping Kit		●
Quick coupler piping		●
Quick coupler		●
Boom floating control		●
One Pedal Straight Travel System		●
Accumulator for lowering work equipment	●	
Pattern change valve (2 patterns)		●
Fine Swing Control System		●
Tool kit		●

UNDERCARRIAGE

Lower frame under cover (Additional)		●
Lower frame under cover (Normal)	●	
Track shoes		
Triple grouser shoes (600 mm; 24")	●	
Triple grouser shoes (700 mm; 28")		●
Triple grouser shoes (800 mm; 32")		●
Triple grouser shoes (900 mm; 36")		●
Double grouser shoes (600 mm; 24")		●
Double grouser shoes (700 mm; 28")		●
Track rail guard	●	
Full track rail guard high walker		●

STD = Standard
OPT = Optional

- * 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.