

SPECIFICATIONS

HX235 LCR

ENGINE

Maker / Model			CUMMINS QSB6.7 Engine
Type			Water-cooled, 4-cycle diesel, 6-cylinder in-line, Direct injection, Turbocharged, Charge air cooled, Low emission
Rated flywheel horse power	SAE	J1995 (gross)	136 kW (183 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			81.6 kgf (590 lbf.ft) at 1,500 rpm
Bore x stroke			107 x 124 mm (4.2" x 4.9")
Piston displacement			6,700 cc (409 cu in)
Batteries			2 x 12 V x 100 Ah
Starting motor			24 V - 4.8 kW
Alternator			24 V - 95 A

HYDRAULIC SYSTEM

MAIN PUMP

Type	Variable displacement tandem axis piston pumps
Max. flow	2 x 222 l/min (58.6 US gpm / 48.8 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/cm ² (4,980 psi)
Travel	350 kgf/cm ² (4,980 psi)
Power boost (boom, arm, bucket)	380 kgf/cm ² (5,410 psi)
Swing circuit	285 kgf/cm ² (4,050 psi)
Pilot circuit	40 kgf/cm ² (570 psi)
Service valve	Installed

HYDRAULIC CYLINDERS

No. of cylinder bore x stroke	Boom: 2-120 x 1,290 mm
	Arm: 1-140 x 1,510 mm
	Bucket: 1-120 x 1,055 mm
	Dozer Blade: 2-130 x 240 mm
	2-Piece Boom:
	1st: 2-125 x 1,260 mm 2nd: 1-160 x 1,060 mm

DRIVES & BRAKES

Drive method	Fully hydrostatic type
Drive motor	Axial piston motor, in-shoe design
Reduction system	Planetary reduction gear
Max. drawbar pull	20,500 kgf (45,194 lbf)
Max. travel speed (high / low)	5.5 km/hr (3.5 mph) / 3.3 km/hr (2.1 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	320	84.5	70.4
Engine coolant	40	10.6	8.8
Engine oil	23.7	6.3	5.2
Swing device	7	1.8	1.5
Final drive (each)	4.5	1.2	1.0
Hydraulic system (including tank)	275	72.6	60.5
Hydraulic tank	160	42.3	35.2
DEF/AdBlue® tank	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 0.80 m³ (1.05 yd³) bucket, lubricant, coolant, full fuel tank, full hydraulic tank and all standard equipments.

OPERATING WEIGHT

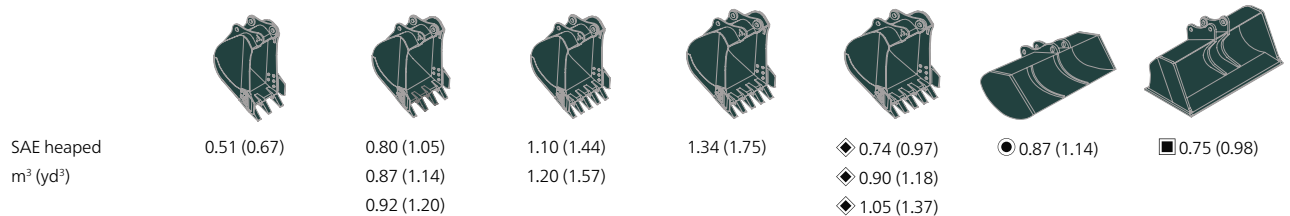
Shoes	Operating weight		Ground pressure
Type	Width mm (in)	kg (lb)	kgf / cm ² (psi)
Triple grouser	600 (24")	24,000 (52,910)	0.51 (7.25)
	700 (28")	24,280 (53,530)	0.44 (6.26)
	800 (32")	24,560 (54,140)	0.39 (5.55)
	900 (36")	24,840 (54,760)	0.35 (4.98)

BUCKET SELECTION GUIDE & DIGGING FORCE

HX235 LCR

BUCKETS

All buckets are welded with high-strength steel.



Capacity m³ (yd³)		Width mm (in)		Weight kg (lb)	Recommendation mm (ft.in)					
					5,680 (18' 8") Mono-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	2,000 (6' 7") Arm	2,400 (7' 10") Arm	2,920 (9' 7") Arm
0.51 (0.67)	0.45 (0.59)	700 (27.6)	820 (32.3)	570 (1,260)	●	●	●	●	●	●
0.80 (1.05)	0.70 (0.92)	1,000 (39.4)	1,120 (44.1)	700 (1,540)	●	●	●	●	●	■
0.87 (1.14)	0.75 (0.98)	1,090 (42.9)	1,210 (47.6)	740 (1,630)	●	●	■	●	●	■
0.92 (1.20)	0.80 (1.05)	1,150 (45.3)	1,270 (50.0)	770 (1,700)	●	●	■	●	●	▲
1.10 (1.44)	0.96 (1.26)	1,320 (52.0)	1,440 (56.7)	830 (1,830)	●	■	▲	■	■	▲
1.20 (1.57)	1.00 (1.31)	1,400 (55.1)	1,520 (59.8)	850 (1,870)	■	▲	-	■	▲	-
1.34 (1.75)	1.15 (1.50)	1,550 (61.0)	1,670 (65.7)	920 (2,030)	▲	▲	-	▲	-	-
◆ 0.74 (0.97)	0.65 (0.85)	985 (38.8)	-	770 (1,700)	●	●	●	●	●	■
◆ 0.90 (1.18)	0.80 (1.05)	1,095 (43.1)	-	810 (1,790)	●	●	■	●	●	▲
◆ 1.05 (1.37)	0.92 (1.20)	1,290 (50.8)	-	890 (1,960)	●	■	▲	■	■	▲
● 0.87 (1.14)	0.75 (0.98)	1,140 (44.9)	-	900 (1,980)	●	●	■	●	●	▲
■ 0.75 (0.98)	0.65 (0.85)	1,790 (70.5)	-	880 (1,940)	●	●	■	●	●	▲

- ◆ Heavy duty bucket
- Rock-Heavy duty bucket
- Slope finishing 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") Mono-boom 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") Arms are available.

DIGGING FORCE

Arm	Length	mm (ft.in)	2,000 (6' 7")	2,400 (7' 10")	2,920 (9' 7")	Remarks:
	Weight	kg (lb)	975 (2,150)	1,045 (2,300)	1,095 (2,410)	
Bucket digging force	SAE	kN	133.4 [144.8]	133.4 [144.8]	133.4 [144.8]	[] : Power Boost
		kgf	13600 [14770]	13600 [14770]	13600 [14770]	
		lbf	29980 [32550]	29980 [32550]	29980 [32550]	
	ISO	kN	152.0 [165.0]	152.0 [165.0]	152.0 [165.0]	
		kgf	15500 [16830]	15500 [16830]	15500 [16830]	
		lbf	34170 [37100]	34170 [37100]	34170 [37100]	
Arm crowd force	SAE	kN	144.2 [156.5]	119.6 [129.9]	102.0 [110.7]	
		kgf	14700 [15960]	12200 [13250]	10400 [11290]	
		lbf	32410 [35190]	26900 [29210]	22930 [24900]	
	ISO	kN	151.0 [164.0]	125.5 [136.3]	106.9 [116.1]	
		kgf	15400 [16720]	12800 [13900]	10900 [11830]	
		lbf	33950 [36860]	28220 [30640]	24030 [26090]	

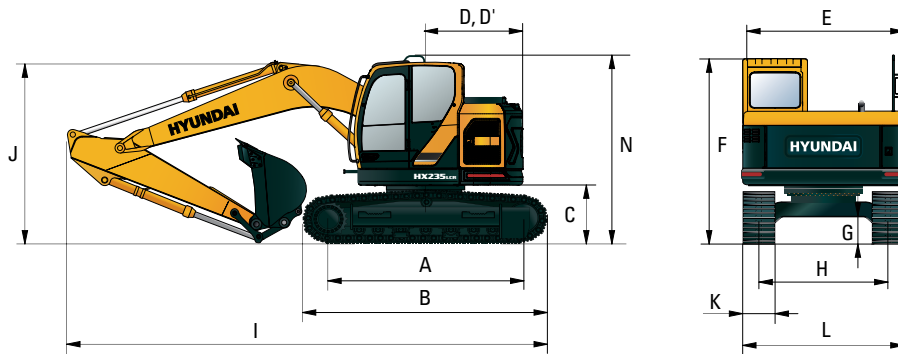
Note : Arm weight includes bucket cylinder, linkage and pin

DIMENSIONS & WORKING RANGE

HX235 LCR

HX235 LCR DIMENSIONS

5.68 m (18' 8") Mono-boom and 2.0 m (6' 7"), 2.4 m (7' 10") & 2.92 m (9' 7") Arm.



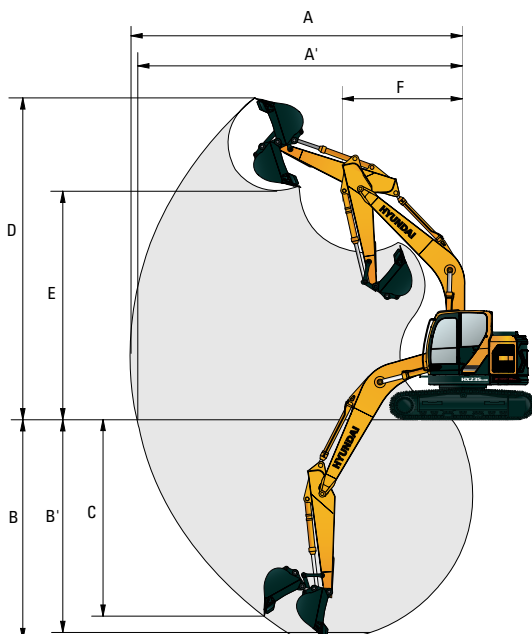
Unit : mm (ft-in)

A	Tumbler distance	3,650 (12' 0")
B	Overall length of crawler	4,404 (14' 6")
C	Ground clearance of counterweight	1,080 (3' 7")
D	Tail swing radius	1,780 (6' 04")
D'	Rear-end length	1,780 (6' 04")
E	Overall width of upperstructure	2,980 (9' 9")
F	Overall height of cab	3,100 (10' 2")
G	Min. ground clearance	480 (1' 7")
H	Track gauge	2,390 (7' 10")
N	Overall height of guardrail	3,290 (10' 10")

Boom length	5,680 (18' 8")		
Arm length	2,000 (6' 7")	2,400 (7' 10")	2,920 (9' 7")
I Overall length	9,040 (29' 8")	8,950 (29' 4")	8,910 (29' 3")
J Overall height of boom	3,200 (10' 6")	3,100 (10' 2")	3,020 (9' 11")
K Track shoe width	600 (24")	700 (28")	800 (32")
L Overall width	2,990 (9' 10")	3,090 (10' 2")	3,190 (10' 6")
		900 (36")	3,290 (10' 10")

HX235 LCR WORKING RANGE

Unit : mm (ft-in)



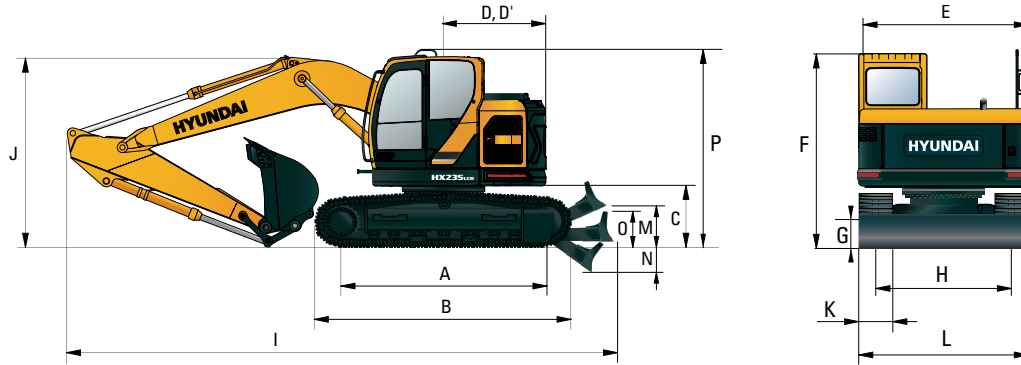
Boom length	5,680 (18' 8")		
Arm length	2,000 (6' 7")	2,400 (7' 10")	2,920 (9' 7")
A Max. digging reach	9,040 (29' 8")	9,430 (30' 11")	9,910 (32' 6")
A' Max. digging reach on ground	8,860 (29' 1")	9,260 (30' 5")	9,750 (32' 0")
B Max. digging depth	5,780 (19' 0")	6,180 (20' 3")	6,700 (22' 0")
B' Max. digging depth (8° level)	5,550 (19' 0")	5,980 (19' 7")	6,530 (21' 5")
C Max. vertical wall digging depth	5,140 (16' 10")	5,710 (18' 9")	6,270 (20' 7")
D Max. digging height	10,090 (33' 1")	10,420 (34' 2")	10,830 (35' 6")
E Max. dumping height	7,190 (23' 7")	7,510 (24' 8")	7,890 (25' 11")
F Min. front swing radius	2,860 (9' 5")	2,550 (8' 4")	2,350 (7' 9")

DIMENSIONS & WORKING RANGE

HX235 LCR

HX235 LCR (DOZER TYPE) DIMENSIONS

5.68 m (18' 8") Mono-boom and 2.0 m (6' 7"), 2.4 m (7' 10") & 2.92 m (9' 7") Arm.

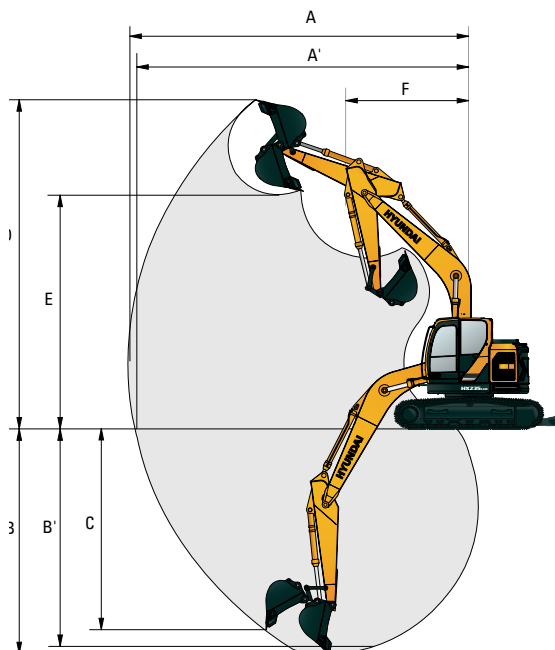


Unit : mm (ft-in)

A	Tumbler distance	3,650 (12' 0")
B	Overall length of crawler	4,404 (14' 6")
C	Ground clearance of counterweight	1,080 (3' 7")
D	Tail swing radius	1,780 (6' 04")
D'	Rear-end length	1,780 (6' 04")
E	Overall width of upperstructure	2,980 (9' 9")
F	Overall height of cab	3,100 (10' 2")
G	Min. ground clearance	480 (1' 7")
H	Track gauge	2,390 (7' 10")
M	Ground clearance of blade up	550 (1' 10")
N	Depth of blade down	410 (1' 4")
O	Height of blade	740 (2' 5")
P	Overall height of guardrail	3,290 (10' 10")

Boom length	5,680 (18' 8")		
Arm length	2,000 (6' 7")	2,400 (7' 10")	2,920 (9' 7")
I Overall length	10,020 (32' 10")	9,930 (32' 7")	9,890 (32' 5")
J Overall height of boom	3,200 (10' 6")	3,100 (10' 2")	3,020 (9' 11")
K Track shoe width	600 (24")	700 (28")	800 (32")
L Overall width	2,990 (9' 10")	3,090 (10' 2")	3,190 (10' 6")
		900 (36")	3,290 (10' 10")

HX235 LCR (DOZER TYPE) WORKING RANGE



Unit : mm (ft-in)

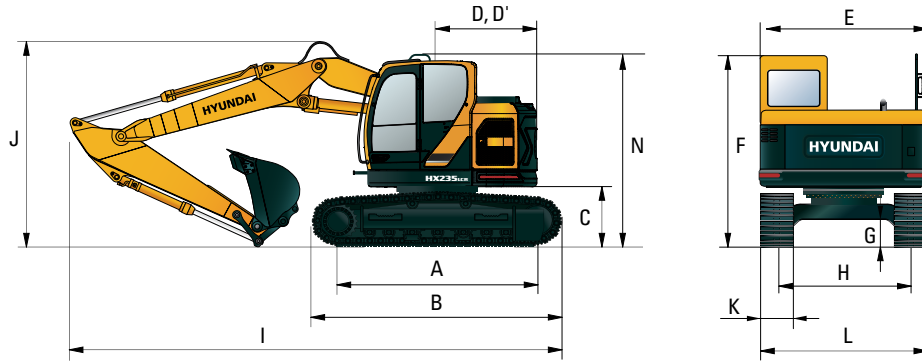
Boom length	5,680 (18' 8")		
Arm length	2,000 (6' 7")	2,400 (7' 10")	2,920 (9' 7")
A Max. digging reach	9,040 (29' 8")	9,430 (30' 11")	9,910 (32' 6")
A' Max. digging reach on ground	8,860 (29' 1")	9,260 (30' 5")	9,750 (32' 0")
B Max. digging depth	5,780 (19' 0")	6,180 (20' 3")	6,700 (22' 0")
B' Max. digging depth (8' level)	5,550 (18' 3")	5,980 (19' 7")	6,530 (21' 5")
C Max. vertical wall digging depth	5,140 (16' 10")	5,710 (18' 9")	6,270 (20' 7")
D Max. digging height	10,090 (33' 1")	10,420 (34' 2")	10,830 (35' 6")
E Max. dumping height	7,190 (23' 7")	7,510 (24' 8")	7,890 (25' 11")
F Min. front swing radius	2,860 (9' 5")	2,550 (8' 4")	2,350 (7' 9")

DIMENSIONS & WORKING RANGE

HX235 LCR

HX235 LCR 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.

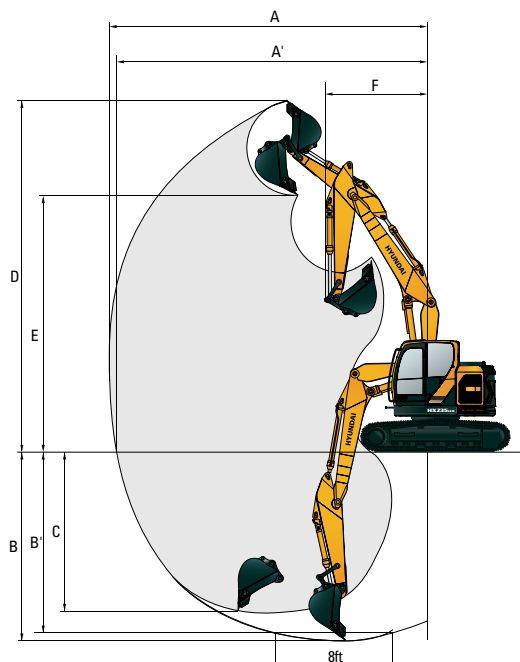


Unit : mm (ft-in)

A	Tumbler distance	3,650 (12' 0")
B	Overall length of crawler	4,404 (14' 6")
C	Ground clearance of counterweight	1,080 (3' 7")
D	Tail swing radius	1,780 (6' 04")
D'	Rear-end length	1,780 (6' 04")
E	Overall width of upperstructure	2,980 (9' 9")
F	Overall height of cab	3,100 (10' 2")
G	Min. ground clearance	480 (1' 7")
H	Track gauge	2,390 (7' 10")
N	Overall height of guardrail	3,290 (10' 10")

Boom length	5,650 (18' 6") 2-Piece		
Arm length	2,000 (6' 7")	2,400 (7' 10")	2,920 (9' 7")
I Overall length	9,000 (29' 6")	8,910 (29' 3")	8,900 (29' 2")
J Overall height of boom	3,050 (10' 0")	3,000 (9' 10")	2,990 (9' 10")
K Track shoe width	600 (24")	700 (28")	800 (32")
L Overall width	2,990 (9' 10")	3,090 (10' 2")	3,190 (10' 6")
		900 (36")	3,290 (10' 10")

HX235 LCR 2-PIECE BOOM WORKING RANGE



Unit : mm (ft-in)

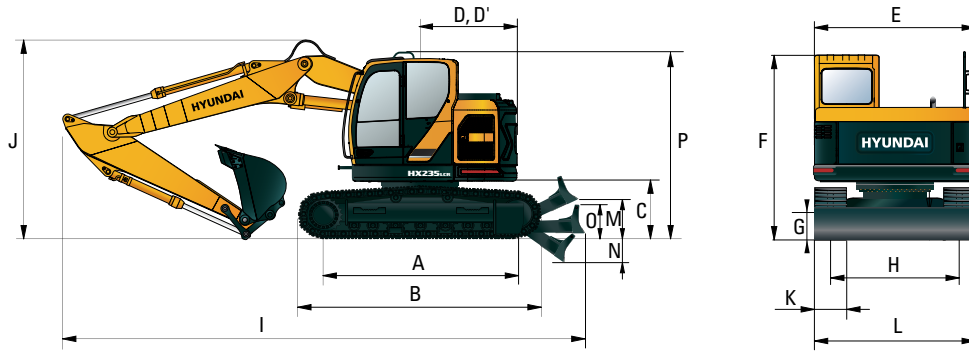
Boom length	5,650 (18' 6") 2-Piece		
Arm length	2,000 (6' 7")	2,400 (7' 10")	2,920 (9' 7")
A Max. digging reach	9,050 (29' 8")	9,460 (31' 0")	10,020 (32' 10")
A' Max. digging reach on ground	8,880 (29' 2")	9,290 (30' 6")	9,860 (32' 4")
B Max. digging depth	5,460 (17' 11")	5,860 (19' 3")	6,380 (20' 11")
B' Max. digging depth (8' level)	5,340 (17' 6")	5,750 (18' 10")	6,270 (20' 7")
C Max. vertical wall digging depth	4,530 (14' 10")	4,970 (16' 4")	5,520 (18' 1")
D Max. digging height	10,600 (34' 9")	10,990 (36' 1")	11,470 (37' 8")
E Max. dumping height	7,680 (25' 2")	8,090 (26' 7")	8,540 (28' 0")
F Min. front swing radius	2,130 (7' 0")	2,030 (6' 8")	2,000 (6' 7")

DIMENSIONS & WORKING RANGE

HX235 LCR

HX235 LCR 2-PIECE BOOM (DOZER TYPE) 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.

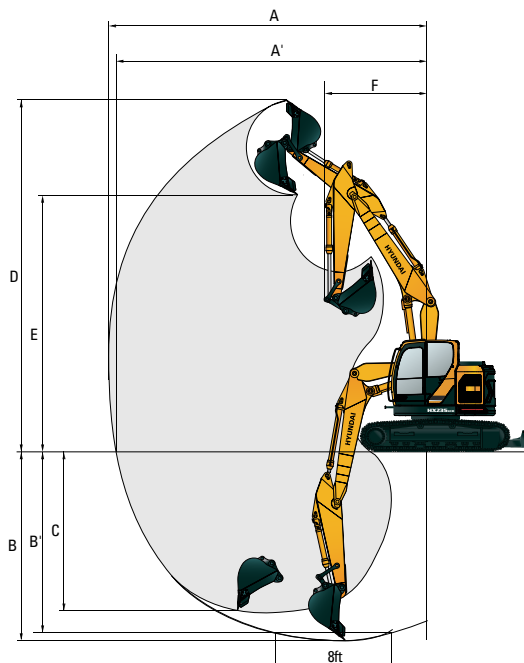


Unit : mm (ft-in)

A	Tumbler distance	3,650 (12' 0")
B	Overall length of crawler	4,404 (14' 6")
C	Ground clearance of counterweight	1,080 (3' 7")
D	Tail swing radius	1,780 (6' 04")
D'	Rear-end length	1,780 (6' 04")
E	Overall width of upperstructure	2,980 (9' 9")
F	Overall height of cab	3,100 (10' 2")
G	Min. ground clearance	480 (1' 7")
H	Track gauge	2,390 (7' 10")
M	Ground clearance of blade up	550 (1' 10")
N	Depth of blade down	410 (1' 4")
O	Height of blade	740 (2' 5")
P	Overall height of guardrail	3,290 (10' 10")

Boom length	5,650 (18' 6") 2-Piece		
Arm length	2,000 (6' 7")	2,400 (7' 10")	2,920 (9' 7")
I Overall length	9,850 (32' 4")	9,760 (32' 0")	9,750 (32' 0")
J Overall height of boom	3,050 (10' 0")	3,000 (9' 10")	2,990 (9' 10")
K Track shoe width	600 (24")	700 (28")	800 (32")
L Overall width	2,990 (9' 10")	3,090 (10' 2")	3,190 (10' 6")
			900 (36")
			3,290 (10' 10")

HX235 LCR 2-PIECE BOOM (DOZER TYPE) WORKING RANGE



Unit : mm (ft-in)

Boom length	5,650 (18' 6") 2-Piece		
Arm length	2,000 (6' 7")	2,400 (7' 10")	2,920 (9' 7")
A Max. digging reach	9,050 (29' 8")	9,460 (31' 0")	10,020 (32' 10")
A' Max. digging reach on ground	8,880 (29' 2")	9,290 (30' 6")	9,860 (32' 4")
B Max. digging depth	5,460 (17' 11")	5,860 (19' 3")	6,380 (20' 11")
B' Max. digging depth (8' level)	5,340 (17' 6")	5,750 (18' 10")	6,270 (20' 7")
C Max. vertical wall digging depth	4,530 (14' 10")	4,970 (16' 4")	5,520 (18' 1")
D Max. digging height	10,600 (34' 9")	10,990 (36' 1")	11,470 (37' 8")
E Max. dumping height	7,680 (25' 2")	8,090 (26' 7")	8,540 (28' 0")
F Min. front swing radius	2,130 (7' 0")	2,030 (6' 8")	2,000 (6' 7")

LIFTING CAPACITY

HX235 LCR



Rating over-front



Rating over-side or 360 degrees

HX235 LCR MONO BOOM

Boom: 5.68 m (18' 8") / Arm: 2.0 m (6' 7") / Bucket: 0.80 m³ (1.05 yd³) SAE heaped / Shoe: 600 mm (24") triple grouser.

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	
10.5 m (35 ft)	kg									*4160	*4160
	lb									*9170	*9170
9.0 m (30 ft)	kg									*4580	*4580
	lb									*10100	*10100
7.5 m (25 ft)	kg			*4770	*4770					*4100	*4100
	lb			*10520	*10520					*9040	*9040
6.0 m (20 ft)	kg			*4930	*4930	*4540	*4540			*3990	3080
	lb			*10870	*10870	*10010	*10010			*8800	6790
4.5 m (15 ft)	kg	*8300	*8300	*5880	*5880	*4860	4630			*3990	2580
	lb	*18300	*18300	*12960	*12960	*10710	10210			*8800	5690
3.0 m (10 ft)	kg			*7250	6860	*5440	4370	*4570	3000	*4030	2340
	lb			*15980	15120	*11990	9630	*10080	6610	*8880	5160
1.5 m (5 ft)	kg			*8350	6350	*5980	4120	*4770	2890	*4080	2290
	lb			*18410	14000	*13180	9080	*10520	6370	*8990	5050
Ground Line	kg			*8660	6110	*6250	3960			*4100	2410
	lb			*19090	13470	*13780	8730			*9040	5310
-1.5 m (-5 ft)	kg	*11410	*11410	*8260	6080	*6050	3910			*4010	2790
	lb	*25150	*25150	*18210	13400	*13340	8620			*8840	6150
-3.0 m (-10 ft)	kg	*9650	*9650	*7130	6190	*5090	4000			*3610	*3610
	lb	*21270	*21270	*15720	13650	*11220	8820			*7960	*7960

Boom: 5.68 m (18' 8") / Arm: 2.4 m (7' 10") / Bucket: 0.80 m³ (1.05 yd³) SAE heaped / Shoe: 600 mm (24") triple grouser.

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)	kg									*4060	*4060
	lb									*8950	*8950
7.5 m (25 ft)	kg					*4230	*4230			*3770	3710
	lb					*9330	*9330			*8310	8180
6.0 m (20 ft)	kg					*4450	*4450	*4170	*4170	*3700	2800
	lb					*9810	*9810	*9190	*9190	*8160	6170
4.5 m (15 ft)	kg			*7210	*7210	*5400	*5400	*4550	*4550	*3900	3120
	lb			*15900	*15900	*11900	*11900	*10030	*10030	*8600	6880
3.0 m (10 ft)	kg			*11320	*11320	*6790	*6790	*5170	4410	*4360	3010
	lb			*24960	*24960	*14970	*14970	*11400	9720	*9610	6640
1.5 m (5 ft)	kg					*8040	6400	*5790	4130	*4630	2880
	lb					*17730	14110	*12760	9110	*10210	6350
Ground Line	kg			*9170	*9170	*8580	6100	*6150	3940	*4760	2780
	lb			*20220	*20220	*18920	13450	*13560	8690	*10490	6130
-1.5 m (-5 ft)	kg	*9770	*9770	*12150	12070	*8390	6010	*6100	3860		
	lb	*21540	*21540	*26790	26610	*18500	13250	*13450	8510		
-3.0 m (-10 ft)	kg	*14230	*14230	*10480	*10480	*7490	6080	*5420	3900		
	lb	*31370	*31370	*23100	*23100	*16510	13400	*11950	8600		
-4.5 m (-15 ft)	kg			*7610	*7610	*5470	*5470				
	lb			*16780	*16780	*12060	*12060				

1. Lifting capacity are based on SAE J1097 and ISO 10567.

2. Lifting capacity of the HX 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 (standard equipment) located on the back of the bucket.

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

LIFTING CAPACITY

HX235 LCR

 Rating over-front  Rating over-side or 360 degrees

HX235 LCR MONO BOOM

Boom: 5.68 m (18' 8") / Arm: 2.92 m (9' 7") / Bucket: 0.80 m³ (1.05 yd³) SAE heaped / Shoe: 600 mm (24") triple grouser.

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)
9.0 m (30 ft)	kg lb					*2920 *6440	*2920 *6440					*3570 *7870	*3570 *7870	6.12 (20.1)
7.5 m (25 ft)	kg lb							*3260 *7190	*3260 *7190			*3410 *7520	3210 7080	7.70 (25.3)
6.0 m (20 ft)	kg lb							*3720 *8200	*3720 *8200			*3380 *7450	2500 5510	8.66 (28.4)
4.5 m (15 ft)	kg lb					*4750 *10470	*4750 *10470	*4140 *9130	*4140 *9130	*3800 *8380	3170 6990	*3410 *7520	2130 4700	9.24 (30.3)
3.0 m (10 ft)	kg lb			*9680 *21340	*9680 *21340	*6180 *13620	*6180 *13620	*4810 *10600	4460 9830	*4100 *9040	3030 6680	*3460 *7630	1950 4300	9.52 (31.2)
1.5 m (5 ft)	kg lb			*9550 *21050	*9550 *21050	*7590 *16730	6510 14350	*5500 *12130	4160 9170	*4440 *9790	2880 6350	*3530 *7780	1900 4190	9.52 (31.2)
Ground Line	kg lb			*9930 *21890	*9930 *21890	*8400 *18520	6110 13470	*5990 *13210	3930 8660	*4670 *10300	2760 6080	*3600 *7940	1970 4340	9.24 (30.3)
-1.5 m (-5 ft)	kg lb	*8850 *19510	*8850 *19510	*12790 *28200	11890 26210	*8470 *18670	5950 13120	*6100 *13450	3810 8400	*4630 10210	2690 5930	*3620 *7980	2210 4870	8.66 (28.4)
-3.0 m (-10 ft)	kg lb	*12280 *27070	*12280 *27070	*11380 *25090	*11380 *25090	*7840 *17280	5960 13140	*5690 *12540	3810 8400			*3500 *7720	2750 6060	7.69 (25.2)
-4.5 m (-15 ft)	kg lb			*8920 *19670	*8920 *19670	*6300 *13890	6140 13540					*2930 *6460	*2930 *6460	6.11 (20.0)

Boom: 5.68 m (18' 8") / Arm: 2.0 m (7' 10") / Bucket: 0.80 m³ (1.05 yd³) SAE heaped / Shoe: 600 mm (24") triple grouser. Dozer Blade up

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 lb									*4160 *9170	*4160 *9170	4.63 (15.2)
9.0 m (30 ft)	kg lb									*4580 *10100	*4580 *10100	4.48 (14.7)
7.5 m (25 ft)	kg lb			*4770 *10520	*4770 *10520					*4100 *9040	*4100 *9040	6.56 (21.5)
6.0 m (20 ft)	kg lb			*4930 *10870	*4930 *10870	*4540 *10010	*4540 *10010			*3990 *8800	3520 7760	7.70 (25.3)
4.5 m (15 ft)	kg lb	*8300 *18300	*8300 *18300	*5880 *12960	*5880 *12960	*4860 *10710	*4860 *10710			*3990 *8800	2960 6530	8.36 (27.4)
3.0 m (10 ft)	kg lb			*7250 *15980	*7250 *15980	*5440 *11990	4980 10980	*4570 *10080	3440 7580	*4030 *8880	2710 5970	8.67 (28.4)
1.5 m (5 ft)	kg lb			*8350 *18410	7280 16050	*5980 *13180	4730 10430	*4770 *10520	3330 7340	*4080 *8990	2660 5860	8.66 (28.4)
Ground Line	kg lb			*8660 *19090	7040 15520	*6250 *13780	4560 10050			*4100 *9040	2800 6170	8.36 (27.4)
-1.5 m (-5 ft)	kg lb	*11410 *25150	*11410 *25150	*8260 *18210	7010 15450	*6050 *13340	4510 9940			*4010 *8840	3220 7100	7.69 (25.2)
-3.0 m (-10 ft)	kg lb	*9650 *21270	*9650 *21270	*7130 *15720	7130 15720	*5090 *11220	4610 10160			*3610 *7960	*3610 *7960	6.55 (21.5)

1. Lifting capacity are based on SAE J1097 and ISO 10567.

2. Lifting capacity of the HX 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 (standard equipment) located on the back of the bucket.

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

LIFTING CAPACITY

HX235 LCR



Rating over-front



Rating over-side or 360 degrees

HX235 LCR MONO BOOM

Boom: 5.68 m (18' 8") / Arm: 2.0 m (6' 7") / Bucket: 0.80 m³ (1.05 yd³) SAE heaped / Shoe: 600 mm (24") triple grouser. Dozer Blade down

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	
10.5 m (35 ft)	kg								*4160	*4160
	lb								*9170	*9170
9.0 m (30 ft)	kg								*4580	*4580
	lb								*10100	*10100
7.5 m (25 ft)	kg		*4770	*4770					*4100	*4100
	lb		*10520	*10520					*9040	*9040
6.0 m (20 ft)	kg		*4930	*4930	*4540	*4540			*3990	3300
	lb		*10870	*10870	*10010	*10010			*8800	7280
4.5 m (15 ft)	kg	*8300	*8300	*5880	*5880	*4860	*4860		*3990	2770
	lb	*18300	*18300	*12960	*12960	*10710	*10710		*8800	6110
3.0 m (10 ft)	kg		*7250	*7250	*5440	4660	*4570	3220	*4030	2530
	lb		*15980	*15980	*11990	10270	*10080	7100	*8880	5580
1.5 m (5 ft)	kg		*8350	6770	*5980	4410	*4770	3110	*4080	2480
	lb		*18410	14930	*13180	9720	*10520	6860	*8990	5470
Ground Line	kg		*8660	6530	*6250	4250			*4100	2610
	lb		*19090	14400	*13780	9370			*9040	5750
-1.5 m (-5 ft)	kg	*11410	*11410	*8260	6500	*6050	4200		*4010	3000
	lb	*25150	*25150	*18210	14330	*13340	9260		*8840	6610
-3.0 m (-10 ft)	kg	*9650	*9650	*7130	6610	*5090	4290		*3610	*3610
	lb	*21270	*21270	*15720	14570	*11220	9460		*7960	*7960

Boom: 5.68 m (18' 8") / Arm: 2.4 m (7' 10") / Bucket: 0.80 m³ (1.05 yd³) SAE heaped / Shoe: 600 mm (24") triple grouser. Dozer Blade up

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)
9.0 m (30 ft)	kg											*4060 *8950	*4060 *8950	5.25 (17.2)
7.5 m (25 ft)	kg					*4230 *9330	*4230 *9330					*3770 *8310	*3770 *8310	7.07 (23.2)
6.0 m (20 ft)	kg					*4450 *9810	*4450 *9810	*4170 *9190	*4170 *9190			*3700 *8160	3210 7080	8.12 (26.6)
4.5 m (15 ft)	kg			*7210	*7210	*5400	*5400	*4550	*4550	*3900	3560	*3720	2730	8.74
	lb			*15900	*15900	*11900	*11900	*10030	*10030	*8600	7850	*8200	6020	(28.7)
3.0 m (10 ft)	kg			*11320	*11320	*6790	*6790	*5170	5020	*4360	3450	*3770	2510	9.04
	lb			*24960	*24960	*14970	*14970	*11400	11070	*9610	7610	*8310	5530	(29.7)
1.5 m (5 ft)	kg					*8040	7340	*5790	4740	*4630	3320	*3830	2460	9.03
	lb					*17730	16180	*12760	10450	*10210	7320	*8440	5420	(29.6)
Ground Line	kg			*9170	*9170	*8580	7030	*6150	4540	*4760	3230	*3870	2570	8.74
	lb			*20220	*20220	*18920	15500	*13560	10010	*10490	7120	*8530	5670	(28.7)
-1.5 m (-5 ft)	kg	*9770	*9770	*12150	*12150	*8390	6940	*6100	4460			*3840	2920	8.12
	lb	*21450	*21450	*26790	*26790	*18500	15300	*13450	9830			*8470	6440	(26.6)
-3.0 m (-10 ft)	kg	*14230	*14230	*10480	*10480	*7490	7020	*5420	4510			*3600	*3600	7.06
	lb	*31370	*31370	*23100	*23100	*16510	15480	*11950	9940			*7940	*7940	(23.2)
-4.5 m (-15 ft)	kg			*7610	*7610	*5470	*5470							
	lb			*16780	*16780	*12060	*12060							

1. Lifting capacity are based on SAE J1097 and ISO 10567.

2. Lifting capacity of the HX 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 (standard equipment) located on the back of the bucket.

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

LIFTING CAPACITY

HX235 LCR



Rating over-front



Rating over-side or 360 degrees

HX235 LCR MONO BOOM

Boom: 5.68 m (18' 8") / Arm: 2.4 m (7' 10") / Bucket: 0.80 m³ (1.05 yd³) SAE heaped / Shoe: 600 mm (24") triple grouser. Dozer Blade down

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)
9.0 m	kg											*4060	5.25
(30 ft)	lb											*8950	(17.2)
7.5 m	kg					*4230	*4230					*3770	7.07
(25 ft)	lb					*9330	*9330					*8310	(23.2)
6.0 m	kg					*4450	*4450	*4170	*4170			*3700	8.12
(20 ft)	lb					*9810	*9810	*9190	*9190			*8160	(26.6)
4.5 m	kg			*7210	*7210	*5400	*5400	*4550	*4550	*3900	3340	*3720	8.74
(15 ft)	lb			*15900	*15900	*11900	*11900	*10030	*10030	*8600	7360	*8200	(28.7)
3.0 m	kg			*11320	*11320	*6790	*6790	*5170	4700	*4360	3230	*3770	9.04
(10 ft)	lb			*24960	*24960	*14970	*14970	*11400	10360	*9610	7120	*8310	(29.7)
1.5 m	kg					*8040	6830	*5790	4420	*4630	3100	*3830	9.03
(5 ft)	lb					*17730	15060	*12760	9740	*10210	6830	*8440	(29.6)
Ground Line	kg			*9170	*9170	*8580	6520	*6150	4230	*4760	3000	*3870	8.74
	lb			*20220	*20220	*18920	14370	*13560	9330	*10490	6610	*8530	(28.7)
-1.5 m	kg	*9770	*9770	*12150	12070	*8390	6440	*6100	4150			*3840	8.12
(-5 ft)	lb	*21540	*21540	*26790	26610	*18500	14200	*13450	9150			*8470	(26.6)
-3.0 m	kg	*14230	*14230	*10480	*10480	*7490	6510	*5420	4190			*3600	7.06
(-10 ft)	lb	*31370	*31370	*23100	*23100	*16510	14350	*11950	9240			*7940	(23.2)
-4.5 m	kg			*7610	*7610	*5470	*5470						
(-15 ft)	lb			*16780	*16780	*12060	*12060						

Boom: 5.68 m (18' 8") / Arm: 2.92 m (9' 7") / Bucket: 0.80 m³ (1.05 yd³) SAE heaped / Shoe: 600 mm (24") triple grouser. Dozer Blade up

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)
9.0 m	kg					*2920	*2920					*3570	6.12
(30 ft)	lb					*6440	*6440					*7870	(20.1)
7.5 m	kg							*3260	*3260			*3410	7.70
(25 ft)	lb							*7190	*7190			*7520	(25.3)
6.0 m	kg							*3720	*3720			*3380	8.66
(20 ft)	lb							*8200	*8200			*7450	(28.4)
4.5 m	kg					*4750	*4750	*4140	*4140	*3800	3620	*3410	9.24
(15 ft)	lb					*10470	*10470	*9130	*9130	*8380	7980	*7520	(30.3)
3.0 m	kg			*9680	*9680	*6180	*6180	*4810	*4810	*4100	3480	*3460	9.52
(10 ft)	lb			*21340	*21340	*13620	*13620	*10600	*10600	*9040	7670	*7630	(31.2)
1.5 m	kg			*9550	*9550	*7590	7450	*5500	4770	*4440	3330	*3530	9.52
(5 ft)	lb			*21050	*21050	*16730	16420	*12130	10520	*9790	7340	*7780	(31.2)
Ground Line	kg			*9930	*9930	*8400	7040	*5990	4530	*4670	3200	*3600	9.24
	lb			*21890	*21890	*18520	15520	*13210	9990	*10300	7050	*7940	(30.3)
-1.5 m	kg	*8850	*8850	*12790	11890	*8470	6880	*6100	4410	*4630	3140	*3620	8.66
(-5 ft)	lb	*19510	*19510	*28200	26210	*18670	15170	*13450	9720	*10210	6920	*7980	(28.4)
-3.0 m	kg	*12280	*12280	*11380	*11380	*7840	6900	*5690	4410			*3500	7.69
(-10 ft)	lb	*27070	*27070	*25090	*25090	*17280	15210	*12540	9720			*7720	(25.2)
-4.5 m	kg			*8920	*8920	*6300	*6300					*2930	6.11
(-15 ft)	lb			*19670	*19670	*13890	*13890					*6460	(20.0)

1. Lifting capacity are based on SAE J1097 and ISO 10567.

2. Lifting capacity of the HX 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 (standard equipment) located on the back of the bucket.

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

LIFTING CAPACITY

HX235 LCR



Rating over-front



Rating over-side or 360 degrees

HX235 LCR MONO BOOM

Boom: 5.68 m (18' 8") / Arm: 2.92 m (9' 7") / Bucket: 0.80 m³ (1.05 yd³) SAE heaped / Shoe: 600 mm (24") triple grouser. Dozer Blade down

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)
9.0 m (30 ft)	kg lb					*2920 *6440	*2920 *6440					*3570 *7870	*3570 *7870	6.12 (20.1)
7.5 m (25 ft)	kg lb							*3260 *7190	*3260 *7190			*3410 *7520	*3410 *7520	7.70 (25.3)
6.0 m (20 ft)	kg lb							*3720 *8200	*3720 *8200			*3380 *7450	2680 5910	8.66 (28.4)
4.5 m (15 ft)	kg lb					*4750 *10470	*4750 *10470	*4140 *9130	*4140 *9130	*3800 *8380	3390 7470	*3410 *7520	2300 5070	9.24 (30.3)
3.0 m (10 ft)	kg lb			*9680 *21340	*9680 *21340	*6180 *13620	*6180 *13620	*4810 *10600	4750 10470	*4100 *9040	3250 7170	*3460 *7630	2120 4670	9.52 (31.2)
1.5 m (5 ft)	kg lb			*9550 *21050	*9550 *21050	*7590 *16730	6930 15280	*5500 *12130	4450 9810	*4440 *9790	3100 6830	*3530 *7780	2070 4560	9.52 (31.2)
Ground Line	kg lb			*9930 *21890	*9930 *21890	*8400 *18520	6530 14400	*5990 *13210	4220 9300	*4670 *10300	2980 6570	*3600 *7940	2150 4740	9.24 (30.3)
-1.5 m (-5 ft)	kg lb	*8850 *19510	*8850 *19510	*12790 *28200	12690 27980	*8470 *18670	6370 14040	*6100 *13450	4100 9040	*4630 *10210	2910 6420	*3620 *7980	2400 5290	8.66 (28.4)
-3.0 m (-10 ft)	kg lb	*12280 *27070	*12280 *27070	*11380 *25090	*11380 *25090	*7840 *17280	6390 14090	*5690 *12540	4100 9040			*3500 *7720	2960 6530	7.69 (25.2)
-4.5 m (-15 ft)	kg lb			*8920 *19670	*8920 *19670	*6300 *13890	*6300 *13890					*2930 *6460	*2930 *6460	6.11 (20.0)

HX235 LCR 2-PIECE BOOM

Boom: 5.65 m (18' 6") / Arm: 2.0 m (6' 7") / Bucket: 0.80 m³ (1.05 yd³) SAE heaped / Shoe: 600 mm (24") triple grouser. Dozer Blade up

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									*6750	*6750	4.51	
	lb									*14880	*14880	(14.8)	
7.5 m (25 ft)	kg	*8110	*8110	*6850	*6850					*5200	4700	6.58	
	lb	*17880	*17880	*15100	*15100					*11460	10360	(21.6)	
6.0 m (20 ft)	kg	*8460	*8460	*6960	*6960	*5740	5390			*4630	3470	7.72	
	lb	*18650	*18650	*15340	*15340	*12650	11880			*10210	7650	(25.3)	
4.5 m (15 ft)	kg	*11210	*11210	*7620	*7620	*5920	5230			*4270	2920	8.37	
	lb	*24710	*24710	*16800	*16800	*13050	11530			*9410	6440	(27.5)	
3.0 m (10 ft)	kg			*8430	7790	*6190	4950	*4850	3410	*3960	2670	8.68	
	lb			*18580	17170	*13650	10910	*10690	7520	*8730	5890	(28.5)	
1.5 m (5 ft)	kg			*8660	7230	*6260	4690	*4710	3300	*3610	2620	8.68	
	lb			*19090	15940	*13800	10340	*10380	7280	*7960	5780	(28.5)	
Ground Line	kg			*7950	6980	*5880	4520	*4200	3230	*3130	2770	8.37	
	lb			*17530	15390	*12960	9960	*9260	7120	*6900	6110	(27.5)	
-1.5 m (-5 ft)	kg	*7060	*7060	*6470	*6470	*4870	4480			*2330	*2330	7.71	
	lb	*15560	*15560	*14260	*14260	*10740	9880			*5140	*5140	(25.3)	
-3.0 m (-10 ft)	kg			*4140	*4140	*2800	*2800						
	lb			*9130	*9130	*6170	*6170						

1. Lifting capacity are based on SAE J1097 and ISO 10567.

2. Lifting capacity of the HX 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 (standard equipment) located on the back of the bucket.

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

LIFTING CAPACITY

HX235 LCR



Rating over-front



Rating over-side or 360 degrees

HX235 LCR 2-PIECE BOOM

Boom: 5.65 m (18' 6") / Arm: 2.0 m (6' 7") / Bucket: 0.80 m³ (1.05 yd³) SAE heaped / Shoe: 600 mm (24") triple grouser. Dozer Blade down

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	
9.0 m (30 ft)	kg									*6750	*6750
	lb									*14880	*14880
7.5 m (25 ft)	kg	*8110	*8110	*6850	*6850					*5200	4420
	lb	*17880	*17880	*15100	*15100					*11460	9740
6.0 m (20 ft)	kg	*8460	*8460	*6960	*6960	*5740	5060			*4630	3250
	lb	*18650	*18650	*15340	*15340	*12650	11160			*10210	7170
4.5 m (15 ft)	kg	*11210	*11210	*7620	*7620	*5920	4900			*4270	2720
	lb	*24710	*24710	*16800	*16800	*13050	10800			*9410	6000
3.0 m (10 ft)	kg			*8430	7250	*6190	4630	*4850	3180	*3960	2480
	lb			*18580	15980	*13650	10210	*10690	7010	*8730	5470
1.5 m (5 ft)	kg			*8660	6710	*6260	4370	*4710	3070	*3610	2440
	lb			*19090	14790	*13800	9630	*10380	6770	*7960	5380
Ground Line	kg			*7950	6460	*5880	4200	*4200	3000	*3130	2580
	lb			*17530	14240	*12960	9260	*9260	6610	*6900	5690
-1.5 m (-5 ft)	kg	*7060	*7060	*6470	6450	*4870	4160			*2330	*2330
	lb	*15560	*15560	*14260	14220	*10740	9170			*5140	*5140
-3.0 m (-10 ft)	kg			*4140	*4140	*2800	*2800				
	lb			*9130	*9130	*6170	*6170				

Boom: 5.65 m (18' 6") / Arm: 2.4 m (7' 10") / Bucket: 0.80 m³ (1.05 yd³) SAE heaped / Shoe: 600 mm (24") triple grouser. Dozer Blade up

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	
9.0 m (30 ft)	kg	*5600	*5600							*5830	*5830
	lb	*12350	*12350							*12850	*12850
7.5 m (25 ft)	kg	*6240	*6240	*5830	*5830					*4760	4140
	lb	*13760	*13760	*12850	*12850					*10490	9130
6.0 m (20 ft)	kg	*6390	*6390	*6570	*6570	*5480	5480			*4290	3150
	lb	*14090	*14090	*14480	*14480	*12080	12080			*9460	6940
4.5 m (15 ft)	kg	*10370	*10370	*7270	*7270	*5720	5290	*4040	3540	*3980	2690
	lb	*22860	*22860	*16030	*16030	*12610	11660	*8910	7800	*8770	5930
3.0 m (10 ft)	kg			*8170	7920	*6050	5000	*4790	3430	*3720	2470
	lb			*18010	17460	*13340	11020	*10560	7560	*8200	5450
1.5 m (5 ft)	kg			*8620	7300	*6220	4700	*4740	3290	*3420	2420
	lb			*19000	16090	*13710	10360	*10450	7250	*7540	5340
Ground Line	kg	*8940	*8940	*8190	6970	*5980	4500	*4400	3190	*3010	2540
	lb	*19710	*19710	*18060	15370	*13180	9920	*9700	7030	*6640	5600
-1.5 m (-5 ft)	kg	*8500	*8500	*6940	6890	*5160	4430			*2360	*2360
	lb	*18740	*18740	*15300	15190	*11380	9770			*5200	*5200
-3.0 m (-10 ft)	kg			*4860	*4860	*3490	*3490				
	lb			*10710	*10710	*7690	*7690				

1. Lifting capacity are based on SAE J1097 and ISO 10567.

2. Lifting capacity of the HX 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 (standard equipment) located on the back of the bucket.

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

LIFTING CAPACITY

HX235 LCR



Rating over-front



Rating over-side or 360 degrees

HX235 LCR

Boom: 5.65 m (18' 6") / Arm: 2.4 m (7' 10") / Bucket: 0.80 m³ (1.05 yd³) SAE heaped / Shoe: 600 mm (24") triple grouser. Dozer Blade down

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	kg	*5600	*5600							*5830	*5830	5.31
(30 ft)	lb	*12350	*12350							*12850	*12850	(17.4)
7.5 m	kg	*6240	*6240	*5830	*5830					*4760	3880	7.10
(25 ft)	lb	*13760	*13760	*12850	*12850					*10490	8550	(23.3)
6.0 m	kg	*6390	*6390	*6570	*6570	*5480	5140			*4290	2950	8.15
(20 ft)	lb	*14090	*14090	*14480	*14480	*12080	11330			*9460	6500	(26.7)
4.5 m	kg	*10370	*10370	*7270	*7270	*5720	4960	*4040	3310	*3980	2500	8.77
(15 ft)	lb	*22860	*22860	*16030	*16030	*12610	10930	*8910	7300	*8770	5510	(28.8)
3.0 m	kg			*8170	7380	*6050	4670	*4790	3200	*3720	2290	9.06
(10 ft)	lb			*18010	16270	*13340	10300	*10560	7050	*8200	5050	(29.7)
1.5 m	kg			*8620	6770	*6220	4380	*4740	3060	*3420	2240	9.06
(5 ft)	lb			*19000	14930	*13710	9660	*10450	6750	*7540	4940	(29.7)
Ground Line	kg	*8940	*8940	*8190	6450	*5980	4180	*4400	2960	*3010	2350	8.77
	lb	*19710	*19710	*18060	14220	*13180	9220	*9700	6530	*6640	5180	(28.8)
-1.5 m	kg	*8500	*8500	*6940	6370	*5160	4110			*2360	*2360	8.15
(-5 ft)	lb	*18740	*18740	*15300	14040	*11380	9060			*5200	*5200	(26.7)
-3.0 m	kg			*4860	*4860	*3490	*3490					
(-10 ft)	lb			*10710	*10710	*7690	*7690					

Boom: 5.65 m (18' 6") / Arm: 2.92 m (9' 7") / Bucket: 0.80 m³ (1.05 yd³) SAE heaped / Shoe: 600 mm (24") triple grouser. Dozer Blade up

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 lb	*4950 *10910	*4950 *10910	*3120 *6880	*3120 *6880					*4630 *10210	*4630 *10210	6.19 (20.3)
7.5 m (25 ft)	kg lb			*4750 *10470	*4750 *10470	*3400 *7500	*3400 *7500			*4050 *8930	3560 7850	7.75 (25.4)
6.0 m (20 ft)	kg lb	*4760 *10490	*4760 *10490	*5190 *11440	*5190 *11440	*4840 *10670	*4840 *10670	*2180 *4810	*2180 *4810	*3820 *8420	2800 6170	8.71 (28.6)
4.5 m (15 ft)	kg lb	*6690 *14750	*6690 *14750	*6760 *14900	*6760 *14900	*5420 *11950	5370 11840	*4250 *9370	3600 7640	*3650 *8050	2410 5310	9.29 (30.5)
3.0 m (10 ft)	kg lb	*12100 *26680	*12100 *26680	*7760 *17110	*7760 *17110	*5820 *12830	5060 11160	*4670 *10300	3450 7610	*3430 *7560	2220 4890	9.56 (31.4)
1.5 m (5 ft)	kg lb	*9380 *20680	*9380 *20680	*8470 *18670	7400 16310	*6110 *13470	4730 10430	*4710 *10380	3290 7250	*3180 *7010	2180 4810	9.56 (31.4)
Ground Line	kg lb	*9730 *21450	*9730 *21450	*8370 *18450	6970 15370	*6040 *13320	4480 9880	*4520 *9960	3160 6970	*2850 *6280	2270 5000	9.29 (30.5)
-1.5 m (-5 ft)	kg lb	*9980 *22000	*9980 *22000	*7420 *16360	6810 15010	*5440 *11990	4360 9610	*3890 *8580	3100 6830	*2330 *5140	*2330 *5140	8.71 (28.6)
-3.0 m (-10 ft)	kg lb	*7060 *15560	*7060 *15560	*5650 *12460	*5650 *12460	*4130 *9110	*4130 *9110					

1. Lifting capacity are based on SAE J1097 and ISO 10567.

2. Lifting capacity of the HX 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 (standard equipment) located on the back of the bucket.

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

LIFTING CAPACITY

HX235 LCR



Rating over-front



Rating over-side or 360 degrees

HX235 LCR 2-PIECE BOOM

Boom: 5.65 m (18' 6") / Arm: 2.92 m (9' 7") / Bucket: 0.80 m³ (1.05 yd³) SAE heaped / Shoe: 600 mm (24") triple grouser. Dozer Blade down

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
9.0 m	kg	*4950	*4950	*3120	*3120					*4630	*4630
(30 ft)	lb	*10910	*10910	*6880	*6880					*10210	*10210
7.5 m	kg			*4750	*4750	*3400	*3400			*4050	3340
(25 ft)	lb			*10470	*10470	*7500	*7500			*8930	7360
6.0 m	kg	*4760	*4760	*5190	*5190	*4840	*4840	*2180	*2180	*3820	2610
(20 ft)	lb	*10490	*10490	*11440	*11440	*10670	*10670	*4810	*4810	*8420	5750
4.5 m	kg	*6690	*6690	*6760	*6760	*5420	5040	*4250	3360	*3650	2240
(15 ft)	lb	*14750	*14750	*14900	*14900	*11950	11110	*9370	7410	*8050	4940
3.0 m	kg	*12100	*12100	*7760	7560	*5820	4730	*4670	3220	*3430	2060
(10 ft)	lb	*26680	*26680	*17110	16670	*12830	10430	*10300	7100	*7560	4540
1.5 m	kg	*9380	*9380	*8470	6870	*6110	4400	*4710	3060	*3180	2010
(5 ft)	lb	*20680	*20680	*18670	15150	*13470	9700	*10380	6750	*7010	4430
Ground Line	kg	*9730	*9730	*8370	6450	*6040	4160	*4520	2930	*2850	2100
	lb	*21450	*21450	*18450	14220	*13320	9170	*9960	6460	*6280	4630
-1.5 m	kg	*9980	*9980	*7420	6290	*5440	4040	*3890	2870	*2330	*2330
(-5 ft)	lb	*22000	*22000	*16360	13870	*11990	8910	*8580	6330	*5140	*5140
-3.0 m	kg	*7060	*7060	*5650	*5650	*4130	4050				
(-10 ft)	lb	*15560	*15560	*12460	*12460	*9110	8930				

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2. Lifting capacity of the HX series does not exceed 75% of tipping load with the machine on firm, level ground or 87% of full hydraulic capacity.

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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	STD	OPT
Battery master switch	●	
Rearview camera	●	
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		●
Two outside rearview mirrors	●	
OTHER		
Booms		
5.68 m; 18' 8" Mono	●	
5.65 m; 18' 6" 2-Piece		●
Arms		
2.0 m; 6' 7"		●
2.4 m; 7' 10"		●
2.92 m; 9' 7"	●	
Removable clean-out dust net for cooler	●	
Removable reservoir tank	●	
Fuel pre-filter	●	
Fuel warmer (single)	●	
Fuel warmer (dual)		●
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		●
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 shoe (600 mm; 24")	●	
Triple grouser shoe (700 mm; 28")		●
Triple grouser shoe (800 mm; 32")		●
Triple grouser shoe (900 mm; 36")		●
Track rail guard	●	

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.

* The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant HFC-134a (Global Warming Potential = 1430). The system contains 0.75 kg of refrigerant which has a CO₂ equivalent of 1.0725 metric tonne.



PLEASE CONTACT

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EN - 2017.11 Rev 5