

# SPECIFICATIONS

# HX330 L

ENGINE			
Maker / Model	Cummins QSL9		
Type	4-cycle turbocharged, charge air cooled diesel engine		
Rated flywheel horse power	SAE	J1995 (gross)	212 kW (284 HP) at 1,800 rpm
		J1349 (net)	202 kW (270 HP) at 1,800 rpm
	DIN	6271/1 (gross)	212 kW (288 PS) at 1,800 rpm
		6271/1 (net)	202 kW (274 PS) at 1,800 rpm
Max. torque	123.7 kgf·m (895 lbf·ft) at 1,500 rpm		
Bore × stroke	114 × 145 mm (4.49" × 5.69")		
Piston displacement	8,900 cc (543 cu in)		
Batteries	2 × 12 V × 160 Ah		
Starting motor	Denso 24 V - 7.8 kW		
Alternator	Denso 24 V - 95 A		

HYDRAULIC SYSTEM	
MAIN PUMP	
Type	Variable displacement piston pumps
Max. flow	2 × 277.2 l/min (73.2 U.S. gpm / 60.1 U.K. gpm)
Sub-pump for pilot circuit	Gear pump

Cross-sensing and fuel saving pump system

HYDRAULIC MOTORS	
Travel	Two speed axial piston motor
Swing	Axial piston motor

RELIEF VALVE SETTING	
Implement circuits	350 kgf/cm <sup>2</sup> (4,980 psi)
Travel	350 kgf/cm <sup>2</sup> (4,980 psi)
Power boost (boom, arm, bucket)	380 kgf/cm <sup>2</sup> (5,400 psi)
Swing circuit	300 kgf/cm <sup>2</sup> (4,270 psi)
Pilot circuit	40 kgf/cm <sup>2</sup> (569 psi)
Service valve	Installed

HYDRAULIC CYLINDERS	
No. of cylinder bore × stroke	Boom: Ø 150 × 1,480 mm
	Arm: Ø 160 × 1,685 mm
	Bucket: Ø 140 × 1,285 mm

DRIVES & BRAKES	
Drive method	Fully hydrostatic type
Drive motor	Axial piston motor, in-shoe design
Reduction system	Planetary reduction gear
Max. drawbar pull	27,000 kgf (59,500 lbf)
Max. travel speed (high / low)	5.9km/hr(3.67 mph) / 3.4km/hr(2.11 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	9.1 rpm

SERVICE REFILL CAPACITIES			
Re-filling	liter	US gal	UK gal
Fuel tank	600	154.7	131.9
Engine coolant	55	14.5	12.1
Engine oil	30	7.9	6.6
Swing device	11	2.91	2.42
Final drive (each)	7.8	2.06	1.72
Hydraulic system (including tank)	414	106.7	91.06
Hydraulic tank	210	54.1	46.2
DEF/AdBlue®	42.5	11.2	9.3

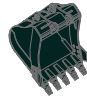
UNDERCARRIAGE	
The X-leg type center frame is integrally welded with reinforced box-section track frames. The undercarriage includes lubricated rollers, idlers, track adjusters with shock absorbing springs and sprockets and a track chain with double or triple grouser shoes.	
Center frame	X - leg type
Track frame	Pentagonal box type
No. of shoes on each side	48 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 6,450 mm (21' 2") boom; 3,200 mm (10' 6") arm; SAE heaped 1.44 m <sup>3</sup> (1.88 yd <sup>3</sup> ) bucket, lubricant, coolant, full fuel tank, full hydraulic tank and all standard equipments.	

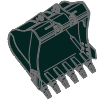
OPERATING WEIGHT				
Shoes	Width		Operating weight	Ground pressure
Type	mm (in)		kg (lb)	kgf/cm <sup>2</sup> (psi)
Triple grouser	600 (24")	HX330 L	33,500 (73,850)	0.65 (9.24)
		HX330 HW	36,000 (79,370)	0.69 (9.81)
		HX330 NL	33,300 (73,410)	0.64 (9.10)
	700 (28")	HX330 L	34,070 (75,110)	0.56 (7.96)
		HX330 HW	36,570 (80,620)	0.60 (8.53)
		HX330 L	34,450 (75,950)	0.50 (7.11)
800 (32")	HX330 HW	36,950 (81,460)	0.53 (7.54)	
	900 (36")	HX330 L	34,830 (76,790)	0.45 (6.40)
Double grouser	700 (28")	HX330 L	37,480 (82,630)	0.61 (8.67)

# BUCKET SELECTION GUIDE **HX330L** & DIGGING FORCE

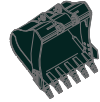
## BUCKETS



1.44 (1.88)



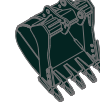
1.74 (2.28)



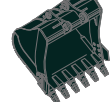
2.10 (2.75)



◆ 1.44 (1.88)



◆ 1.44 (1.88)  
◆ 1.60 (2.09)  
◆ 1.73 (2.26)



◆ 1.83 (2.39)

SAE heaped  
m<sup>3</sup> (yd<sup>3</sup>)

Capacity m <sup>3</sup> (yd <sup>3</sup> )		Width mm (in)		Weight kg (lb)	Recommendation mm (ft.in)				
					6,150 (20' 2") Boom	6,450 (21' 2") Boom			
SAE heaped	CECE heaped	Without side cutters	With side cutters		2,200 (7' 3") Arm	2,500 (8' 2") Arm	3,200 (10' 6") Arm	4,050 (13' 3") Arm	
1.44 (1.88)	1.25 (1.63)	1,410 (55.5)	1,505 (59.3)	1,230 (2,710)	●	●	●	●	⊙
1.74 (2.28)	1.50 (1.96)	1,640 (64.6)	1,735 (68.3)	1,370 (3,020)	●	●	●	⊙	○
2.10 (2.75)	1.83 (2.39)	1,780 (70.1)	1,875 (73.8)	1,500 (3,310)	⊙	⊙	⊙	○	-
◆ 1.44 (1.88)	1.25 (1.63)	1,480 (58.3)	-	1,520 (3,350)	●	●	●	⊙	○
◆ 1.44 (1.88)	1.25 (1.63)	1,470 (57.9)	-	1,610 (3,550)	●	●	●	⊙	○
◆ 1.60 (2.09)	1.39 (1.82)	1,590 (62.6)	-	1,690 (3,730)	●	⊙	⊙	⊙	○
◆ 1.73 (2.26)	1.50 (1.96)	1,700 (66.9)	-	1,760 (3,880)	●	⊙	⊙	○	-
◆ 1.83 (2.39)	1.59 (2.08)	1,770 (69.7)	-	1,860 (4,100)	⊙	⊙	○	○	-

- ◆ Heavy duty bucket
- ◆ Rock-Heavy duty bucket

- : Applicable for materials with density of 2,000 kg /m<sup>3</sup> (3,370 lb/ yd<sup>3</sup>) or less
- ⊙ : Applicable for materials with density of 1,600 kg /m<sup>3</sup> (2,700 lb/ yd<sup>3</sup>) or less
- : Applicable for materials with density of 1,100 kg /m<sup>3</sup> (1,850 lb/ yd<sup>3</sup>) or less

## ATTACHMENT

Booms and arms are welded with a low-stress, full-box section design.

6.15 m (20' 2") and 6.45 m (21' 2") Booms and 2.2 m (7' 3"); 2.5 m (8' 2"); 3.2 m (10' 6") & 4.05 m (13' 3") Arms are available.

## DIGGING FORCE

Boom	Length	mm (ft.in)	6,150 (20' 2")		6,450 (21' 2")			Remarks:
	Weight	kg (lb)	2,950 (6,500)		3,030 (6,680)			
Arm	Length	mm (ft.in)	2,200 (7' 3")	2,200 (7' 3")	2,500 (8' 2")	3,200 (10' 6")	4,050 (13' 3")	[ ]: Power Boost
	Weight	kg (lb)	1,560 (3,440)	1,560 (3,440)	1,650 (3,640)	1,770 (3,900)	1,870 (4,120)	
Bucket digging force	SAE	kN	189.3 [205.5]	189.3 [205.5]	189.3 [205.5]	189.3 [205.5]	189.3 [205.5]	
		kgf	19300 [20950]	19300 [20950]	19300 [20950]	19300 [20950]	19300 [20950]	
		lbf	42550 [46200]	42550 [46200]	42550 [46200]	42550 [46200]	42550 [46200]	
	ISO	kN	211.8 [230.0]	211.8 [230.0]	211.8 [230.0]	211.8 [230.0]	211.8 [230.0]	
		kgf	21600 [23450]	21600 [23450]	21600 [23450]	21600 [23450]	21600 [23450]	
		lbf	47620 [51700]	47620 [51700]	47620 [51700]	47620 [51700]	47620 [51700]	
Arm crowd force	SAE	kN	196.6 [213.4]	196.6 [213.4]	178.9 [194.2]	143.2 [155.5]	119.6 [129.9]	
		kgf	20000 [21760]	20000 [21760]	18200 [19810]	14600 [15850]	12200 [13240]	
		lbf	44190 [47980]	44190 [47980]	40220 [43670]	32190 [34950]	26890 [29190]	
	ISO	kN	202.8 [220.2]	202.8 [220.2]	185.1 [201.0]	147.1 [159.7]	122.7 [133.3]	
		kgf	20700 [22450]	20700 [22450]	18900 [20500]	15000 [16290]	12515 [13590]	
		lbf	45600 [49510]	45600 [49510]	41620 [45190]	33070 [35900]	27590 [29950]	

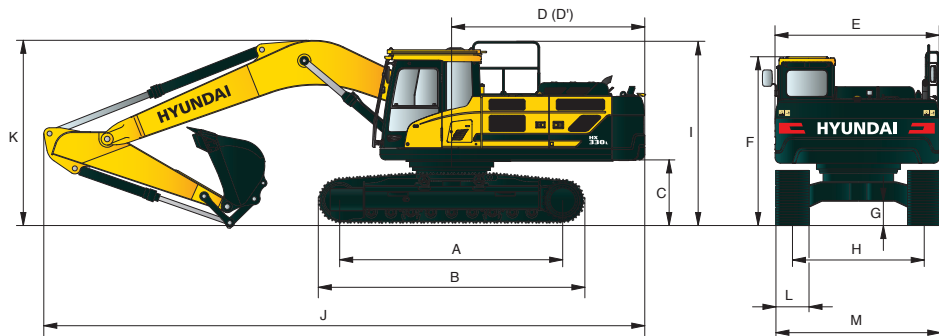
Note : Boom weight includes arm cylinder, piping, and pin  
Arm weight includes bucket cylinder, linkage, and pin

# DIMENSIONS & WORKING RANGE

# HX330 L

## HX330 L / HX330 NL DIMENSIONS

6.15 m (20' 2") & 6.45 m (21' 2"); BOOM and 2.2 m (7' 3"); 2.5 m (8' 2"); 3.2 m (10' 6") & 4.05 m (13' 3") ARM

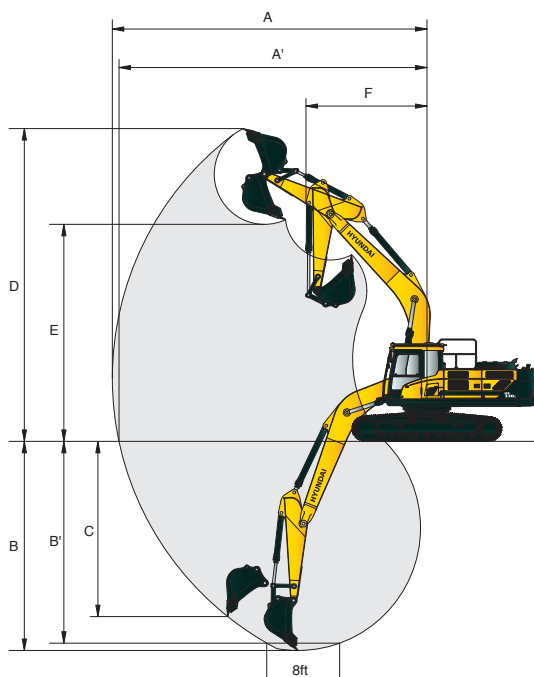


Unit : mm (ft-in)

A	Tumbler distance	4,030 (13' 3")
B	Overall length of crawler	4,940 (16' 2")
C	Ground clearance of counterweight	1,200 (3' 11")
D	Tail swing radius	3,570 (11' 7")
D'	Rear-end length	3,505 (11' 5")
E	Overall width of upperstructure	2,980 (9' 9")
F	Overall height of cab	3,160 (10' 4")
G	Min. ground clearance	500 (1' 8")
H	Track gauge	HX330 L 2,680 (8' 10") HX330 NL 2,390 (7' 10")
I	Overall height of guardrail	3,350 (11' 0")

Boom length	6,150 (20' 2")	6,450 (21' 2")			
Arm length	2,200 (7' 3")	2,200 (7' 3")	2,500 (8' 2")	3,200 (10' 6")	4,050 (13' 3")
J Overall length	11,170 (36' 8")	11,470 (37' 8")	11,340 (37' 2")	11,220 (36' 10")	11,220 (36' 10")
K Overall height of boom	3,680 (12' 1")	3,740 (11' 11")	3,760 (12' 0")	3,380 (11' 1")	3,860 (12' 8")
L Track shoe width	600 (24")	700 (28")	800 (32")	900 (36")	
M Overall width	HX330 L 3,280 (10' 9") HX330 NL 2,990 (9' 10")	3,380 (11' 1")	3,480 (11' 5")	3,580 (11' 5")	

## HX330 L / HX330 NL WORKING RANGE



Unit : mm (ft-in)

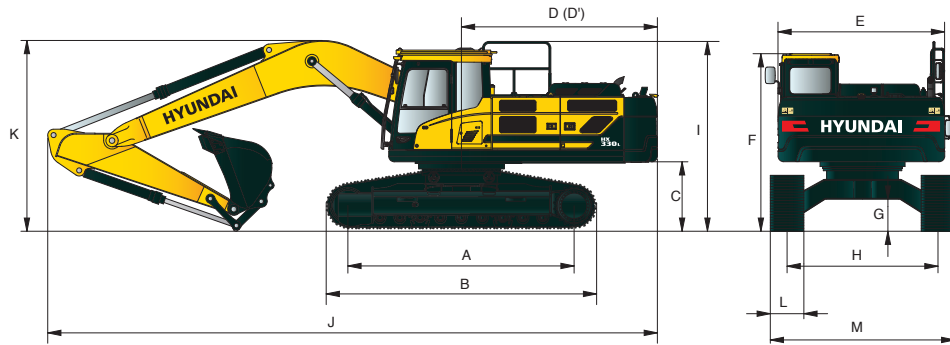
Boom length	6,150 (20' 2")	6,450 (21' 2")			
Arm length	2,200 (7' 3")	2,200 (7' 3")	2,500 (8' 2")	3,200 (10' 6")	4,050 (13' 3")
A Max. digging reach	10,020 (32' 10")	10,330 (33' 11")	10,550 (34' 7")	11,140 (36' 7")	11,950 (39' 2")
A' Max. digging reach on ground	9,800 (32' 2")	10,110 (33' 2")	10,330 (33' 11")	10,940 (35' 11")	11,760 (38' 7")
B Max. digging depth	6,160 (20' 3")	6,370 (20' 11")	6,670 (21' 11")	7,370 (24' 2")	8,220 (26' 12")
B' Max. digging depth (8' level)	5,950 (19' 6")	6,160 (20' 3")	6,470 (21' 3")	7,210 (23' 8")	8,080 (26' 6")
C Max. vertical wall digging depth	5,710 (18' 9")	5,980 (19' 7")	5,920 (19' 5")	6,360 (20' 10")	7,260 (23' 10")
D Max. digging height	9,940 (32' 7")	10,220 (33' 6")	10,170 (33' 4")	10,310 (33' 10")	10,710 (35' 2")
E Max. dumping height	6,780 (22' 3")	7,050 (23' 2")	7,050 (23' 2")	7,240 (23' 9")	7,630 (25' 0")
F Min. front swing radius	4,520 (14' 10")	4,700 (15' 5")	4,550 (14' 11")	4,460 (14' 8")	4,470 (14' 8")

# DIMENSIONS & WORKING RANGE

# HX330 L

## HX330 L HIGH WALKER DIMENSIONS

6.45 m (21' 2") BOOM and 2.2 m (7' 3"); 2.5 m (8' 2"); 3.2 m (10' 6") & 4.05 m (13' 3") ARM

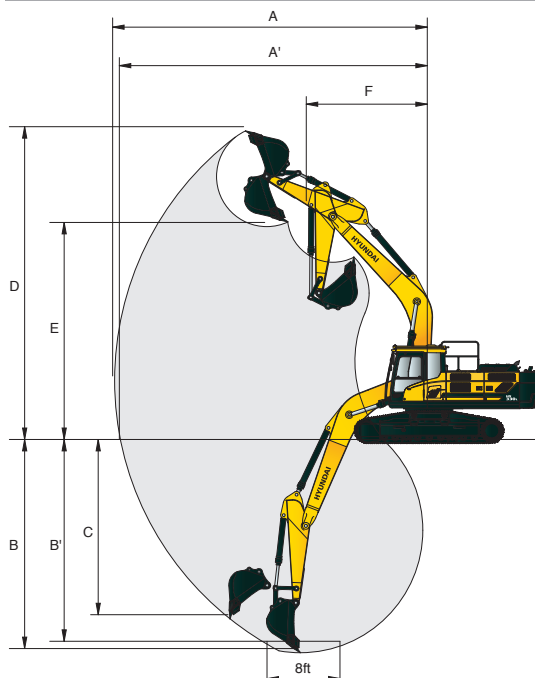


Unit : mm (ft-in)

A	Tumbler distance	4,030 (13' 3")
B	Overall length of crawler	4,940 (16' 2")
C	Ground clearance of counterweight	1,500 (4' 11")
D	Tail swing radius	3,570 (11' 7")
D'	Rear-end length	3,505 (11' 5")
E	Overall width of upperstructure	2,980 (9' 9")
F	Overall height of cab	3,440 (11' 3")
G	Min. ground clearance	765 (2' 6")
H	Track gauge	2,870 (9' 5")
I	Overall height of guardrail	3,650 (12' 0")

Boom length	6,450 (21' 2")			
Arm length	2,200 (7' 3")	2,500 (8' 2")	3,200 (10' 6")	4,050 (13' 3")
J Overall length	11,460 (37' 7")	11,340 (37' 2")	11,150 (36' 7")	11,240 (36' 11")
K Overall height of boom	3,740 (12' 3")	3,760 (12' 4")	3,360 (11' 0")	3,810 (12' 6")
L Track shoe	Type	Triple grouser		Double grouser
	Width	600 (24")	700 (28")	800 (32")
M Overall width	3,470 (11' 5")	3,570 (11' 9")	3,670 (12' 0")	3,570 (11' 9")

## HX330 L HIGH WALKER WORKING RANGE



Unit : mm (ft-in)

Boom length	6,450 (21' 2")			
Arm length	2,200 (7' 3")	2,500 (8' 2")	3,200 (10' 6")	4,050 (13' 3")
A Max. digging reach	10,330 (33' 11")	10,550 (34' 7")	11,140 (36' 7")	11,950 (39' 2")
A' Max. digging reach on ground	10,040 (32' 11")	10,270 (33' 8")	10,880 (35' 8")	11,710 (38' 5")
B Max. digging depth	6,100 (20' 0")	6,400 (20' 12")	7,100 (23' 4")	7,950 (26' 1")
B' Max. digging depth (8' level)	5,890 (19' 4")	6,200 (20' 4")	6,940 (22' 9")	7,800 (25' 7")
C Max. vertical wall digging depth	5,700 (18' 8")	5,650 (18' 6")	6,080 (19' 11")	6,980 (22' 11")
D Max. digging height	10,500 (34' 5")	10,450 (34' 3")	10,590 (34' 9")	10,990 (36' 1")
E Max. dumping height	7,330 (24' 1")	7,330 (24' 1")	7,520 (24' 8")	7,910 (25' 11")
F Min. front swing radius	4,700 (15' 5")	4,550 (14' 11")	4,460 (14' 8")	4,470 (14' 8")











# LIFTING CAPACITY

# HX330 L











 Rating over-front  Rating over-side or 360 degrees

## HX330 L

6.15 m (20' 2") boom; 2.2 m (7' 3") arm equipped with 1.44 m<sup>3</sup> (SAE heaped) bucket and 600 mm (24") triple grouser shoes.

Load point height m (ft)	Load radius								At max. reach			
	3.0 m (9.8 ft)		4.5 m (14.7 ft)		6.0 m (19.6 ft)		7.5 m (24.5 ft)		Capacity	Reach		
											m (ft)	
7.5 m (25 ft)	kg								*7380	6080	7.69	
	lb								*16270	13400	(25.2)	
6.0 m (20 ft)	kg				*8280	*8280	*7970	6200	*7440	4850	8.61	
	lb				*18250	*18250	*17570	13670	*16400	10690	(28.2)	
4.5 m (15 ft)	kg		*11980	*11980	*9530	8850	*8390	6060	6600	4230	9.16	
	lb		*26410	*26410	*21010	19510	*18500	13360	14550	9330	(30.1)	
3.0 m (10 ft)	kg		*15470	13010	*11120	8350	9080	5830	6220	3950	9.39	
	lb		*34110	28680	*24520	18410	20020	12850	13710	8710	(30.8)	
1.5 m (5 ft)	kg		*17910	12210	*12530	7920	8840	5600	6190	3910	9.35	
	lb		*39480	26920	*27620	17460	19490	12350	13650	8620	(30.7)	
Ground Line	kg		*18640	11930	12410	7660	8670	5450	6530	4120	9.02	
	lb		*41090	26300	27360	16890	19110	12020	14400	9080	(29.6)	
-1.5 m (-5 ft)	kg	*16990	*16990	*18160	11930	12320	7580	8630	5420	7400	4690	8.37
	lb	*37460	*37460	*40040	26300	27160	16710	19030	11950	16310	10340	(27.5)
-3.0 m (-10 ft)	kg	*22830	*22830	*16550	12120	*12300	7690			*8260	5970	7.29
	lb	*50330	*50330	*36490	26720	*27120	16950			*18210	13160	(23.9)
-4.5 m (-15 ft)	kg	*17800	*17800	*13080	12560							
	lb	*39240	*39240	*28840	27690							

6.45 m (21' 2") boom; 2.2 m (7' 3") arm equipped with 1.44 m<sup>3</sup> (SAE heaped) bucket and 600 mm (24") triple grouser shoes.

Load point height m (ft)	Load radius								At max. reach			
	3.0 m (9.8 ft)		4.5 m (14.7 ft)		6.0 m (19.6 ft)		7.5 m (24.5 ft)		Capacity	Reach		
											m (ft)	
7.5 m (25 ft)	kg								*7020	5490	8.07	
	lb								*15480	12100	(26.5)	
6.0 m (20 ft)	kg					*8120	*8120	*7600	6140	6900	4430	8.95
	lb					*17900	*17900	*16760	13540	15210	9770	(29.4)
4.5 m (15 ft)	kg			*12260	*12260	*9450	8660	*8150	5950	6140	3890	9.47
	lb			*27030	*27030	*20830	19090	*17970	13120	13540	8580	(31.1)
3.0 m (10 ft)	kg					*11050	8120	8930	5690	5790	3630	9.70
	lb					*24360	17900	19690	12540	12760	8000	(31.8)
1.5 m (5 ft)	kg					*12410	7680	8670	5450	5770	3600	9.66
	lb					*27360	16930	19110	12020	12720	7940	(31.7)
Ground Line	kg			*18350	11600	12150	7430	8500	5290	6060	3780	9.34
	lb			*40450	25570	26790	16380	18740	11660	13360	8330	(30.6)
-1.5 m (-5 ft)	kg	*14500	*14500	*17770	11640	12080	7370	8460	5250	6810	4280	8.72
	lb	*31970	*31970	*39180	25660	26630	16250	18650	11570	15010	9440	(28.6)
-3.0 m (-10 ft)	kg	*22000	*22000	*16270	11850	12210	7480			*7830	5360	7.70
	lb	*48500	*48500	*35870	26120	26920	16490			*17260	11820	(25.3)
-4.5 m (-15 ft)	kg	*17710	*17710	*13290	12270							
	lb	*39040	*39040	*29300	27050							

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 located on the back of the bucket.

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













# LIFTING CAPACITY

# HX330 L















 Rating over-front  Rating over-side or 360 degrees

## HX330 L

6.45 m (21' 2") boom; 2.5 m (8' 2") arm equipped with 1.44 m<sup>3</sup> (SAE heaped) bucket and 600 mm (24") triple grouser shoes.

Load point height m (ft)	Load radius										At max. reach		
	3.0 m (9.8 ft)		4.5 m (14.7 ft)		6.0 m (19.6 ft)		7.5 m (24.5 ft)		9.0 m (29.4 ft)		Capacity		Reach m (ft)
													
7.5 m (24.5 ft)											*6610	5190	8.34
											*14570	11440	(27.4)
6.0 m (19.6 ft)							*7220	6170			6590	4220	9.19
							*15920	13600			14530	9300	(30.2)
4.5 m (14.7 ft)			*11490	*11490	*9010	8710	*7820	5960			5880	3710	9.70
			*25330	*25330	*19860	19200	*17240	13140			12960	8180	(31.8)
3.0 m (9.8 ft)			*15000	12650	*10650	8130	*8660	5670			5560	3460	9.92
			*33070	27890	*23480	17920	*19090	12500			12260	7630	(32.5)
1.5 m (4.9 ft)			*17450	11780	*12090	7650	8640	5410	6410	3990	5520	3420	9.88
			*38470	25970	*26650	16870	19050	11930	14130	8800	12170	7540	(32.4)
Ground Line			*18220	11490	12090	7360	8440	5230			5780	3580	9.57
			*40170	25330	26650	16230	18610	11530			12740	7890	(31.4)
-1.5 m (-4.9 ft)	kg	*15100	*15100	*17870	11480	11980	7270	8370	5170		6450	4020	8.97
	lb	*33290	*33290	*39400	25310	26410	16030	18450	11400		14220	8860	(29.4)
-3.0 m (-9.8 ft)	kg	*22890	*22890	*16580	11660	12070	7350				*7820	4960	7.98
	lb	*50460	*50460	*36550	25710	26610	16200				*17240	10930	(26.2)
-4.5 m (-14.7 ft)	kg	*18960	*18960	*13950	12050	*10230	7640				*7180	*7180	6.42
	lb	*41800	*41800	*41800	26570	*22550	16840				*15830	*15830	(21.1)

6.45 m (21' 2") boom; 3.2 m (10' 6") arm equipped with 1.44 m<sup>3</sup> (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)	
																
7.5 m (25 ft)									*5160	*5160			*5870	4510	9.06	
									*11380	*11380			*12940	9940	(29.7)	
6.0 m (20 ft)									*6410	6300			5880	3740	9.84	
									*14130	13890			12960	8250	(32.3)	
4.5 m (15 ft)							*8000	*8000	*7090	6040	*5360	4290	5300	3310	10.31	
							*17640	*17640	*15630	13320	*11820	9460	11680	7300	(33.8)	
3.0 m (10 ft)				*13300	13080	*9720	8270	*8020	5730	6570	4140	5020	3090	10.52		
				*29320	28840	*21430	18230	*17680	12630	14480	9130	11070	6810	(34.5)		
1.5 m (5 ft)				*16290	11990	*11360	7720	8650	5420	6390	3970	4970	3040	10.48		
				*35910	26430	*25040	17020	19070	11950	14090	8750	10960	6700	(34.4)		
Ground Line				*10320	*10320	*17800	11460	12070	7340	8400	5190	6260	3850	5160	3150	10.19
				*22750	*22750	*39240	25260	26610	16180	18520	11440	13800	8490	11380	6940	(33.4)
-1.5 m (-5 ft)	kg	*11460	*11460	*14560	*14560	*18040	11320	11870	7160	8260	5060			5660	3470	9.63
	lb	*25260	*25260	*32100	*32100	*39770	24960	26170	15790	18210	11160			12480	7650	(31.6)
-3.0 m (-10 ft)	kg	*15430	*15430	*19550	*19550	*17260	11400	11870	7160	8270	5070			6690	4160	8.74
	lb	*34020	*34020	*43100	*43100	*38050	25130	26170	15790	18230	11180			14750	9170	(28.7)
-4.5 m (-15 ft)	kg			*21700	*21700	*15310	11680	*11330	7350					*7380	5670	7.37
	lb			*47840	*47840	*33750	25750	*24980	16200					*16270	12500	(24.2)
-6.0 m (-20 ft)	kg					*11240	*11240									
	lb					*24780	*24780									

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 located on the back of the bucket.

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















# LIFTING CAPACITY

# HX330 L

 Rating over-front  Rating over-side or 360 degrees











## HX330 L

6.45 m (21' 2") boom; 4.05 m (13' 3") arm equipped with 1.44 m<sup>3</sup> (SAE heaped) bucket and 600 mm (24") triple grouser shoes.

Load point height m (ft)	Load radius										At max. reach					
	1.5 m (5.0 ft)		3.0 m (10.0 ft)		4.5 m (15.0 ft)		6.0 m (20.0 ft)		7.5 m (25.0 ft)		9.0 m (30.0 ft)		Capacity	Reach		
															m (ft)	
7.5 m (25 ft)	kg												*5090	3700	10.00	
	lb												*11220	8160	(32.8)	
6.0 m (20 ft)	kg											*4410	*4410	5020	3120	10.71
	lb											*9720	*9720	11070	6880	(35.1)
4.5 m (15 ft)	kg							*6100	*6100	*5630	4330	4570	2780			11.13
	lb							*13450	*13450	*12410	9550	10080	6130			(36.5)
3.0 m (10 ft)	kg		*17980	*17980	*11050	*11050	*8430	*8430	*7110	5780	*6360	4130	4340	2600		11.32
	lb		*39640	*39640	*24360	*24360	*18580	*18580	*15670	12740	*14020	9110	9570	5730		(37.1)
1.5 m (5 ft)	kg		*10550	*10550	*14520	12330	*10270	7820	*8170	5420	6360	3930	4290	2540		11.29
	lb		*23260	*23260	*32010	27180	*22640	17240	*18010	11950	14020	8660	9460	5600		(37.0)
Ground Line	kg		*10920	*10920	*16810	11520	*11740	7330	8350	5130	6170	3750	4420	2620		11.03
	lb		*24070	*24070	*37060	25400	*25880	16160	18410	11310	13600	8270	9740	5780		(36.2)
-1.5 m (-5 ft)	kg	*9970	*9970	*13500	*13500	*17770	11160	11760	7050	8140	4940	6050	3650	4780	2850	10.52
	lb	*21980	*21980	*29760	*29760	*39180	24600	25930	15540	17950	10890	13340	8050	10540	6280	(34.5)
-3.0 m (-10 ft)	kg	*13140	*13140	*17090	*17090	*17640	11100	11650	6950	8060	4870	6040	3640	5480	3320	9.72
	lb	*28970	*28970	*37680	*37680	*38890	24470	25680	15320	17770	10740	13320	8020	12080	7320	(31.9)
-4.5 m (-15 ft)	kg	*16780	*16780	*21910	*21910	*16430	11260	11730	7030	8150	4950			*6870	4260	8.53
	lb	*36990	*36990	*48300	*48300	*36220	24820	25860	15500	17970	10910			*15150	9390	(28.0)
-6.0 m (-20 ft)	kg		*19740	*19740	*13170	11670	*9910	7320						*6610	6600	6.71
	lb		*43520	*43520	*30230	25730	*21850	16140						*14570	14550	(22.0)

## HX330 NL

6.45 m (21' 2") boom; 2.2 m (7' 3") arm equipped with 1.44 m<sup>3</sup> (SAE heaped) bucket and 600 mm (24") triple grouser shoes.

Load point height m (ft)	Load radius								At max. reach			
	3.0 m (9.8 ft)		4.5 m (14.7 ft)		6.0 m (19.6 ft)		7.5 m (24.5 ft)		Capacity	Reach		
											m (ft)	
7.5 m (25 ft)	kg									*7020	4640	8.07
	lb									*15480	10230	(26.5)
6.0 m (20 ft)	kg					*8120	7760	*7600	5180	6850	3700	8.95
	lb					*17900	17110	*16760	11420	15100	8160	(29.4)
4.5 m (15 ft)	kg			*12260	11550	*9450	7310	*8150	5000	6090	3210	9.47
	lb			*27030	25460	*20830	16120	*17970	11020	13430	7080	(31.1)
3.0 m (10 ft)	kg					*11050	6790	8880	4750	5750	2980	9.70
	lb					*24360	14970	19580	10470	12680	6570	(31.8)
1.5 m (5 ft)	kg					12360	6360	8620	4520	5730	2940	9.66
	lb					27250	14020	19000	9960	12630	6480	(31.7)
Ground Line	kg		*18350	9450	12070	6130	8440	4370	6020	3100	9.34	
	lb		*40450	20830	26610	13510	18610	9630	13270	6830	(30.6)	
-1.5 m (-5 ft)	kg	*14500	*14500	*17770	9500	12010	6070	8400	4330	6770	3530	8.72
	lb	*31970	*31970	*39180	20940	26480	13380	18520	9550	14930	7780	(28.6)
-3.0 m (-10 ft)	kg	*22000	19730	*16270	9690	12130	6170			*7830	4460	7.70
	lb	*48500	43500	*35870	21360	26740	13600			*17260	9830	(25.3)
-4.5 m (-15 ft)	kg	*17710	*17710	*13290	10090							
	lb	*39040	*39040	*29300	22240							

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

- The load point is a hook located on the back of the bucket.
- (\*) indicates load limited by hydraulic capacity.













# LIFTING CAPACITY

# HX330 L















 Rating over-front  Rating over-side or 360 degrees

## HX330 NL

6.45 m (21' 2") boom; 2.5 m (8' 2") arm equipped with 1.44 m<sup>3</sup> (SAE heaped) bucket and 600 mm (24") triple grouser shoes.

Load point height m (ft)	Load radius										At max. reach				
	3.0 m (9.8 ft)		4.5 m (14.7 ft)		6.0 m (19.6 ft)		7.5 m (24.5 ft)		9.0 m (29.4 ft)		Capacity		Reach m (ft)		
															
7.5 m (24.5 ft)	kg											*6610	4380	8.34	
	lb											*14570	9660	(27.4)	
6.0 m (19.6 ft)	kg						*7220	5210				6550	3510	9.19	
	lb						*15920	11490				14440	7740	(30.2)	
4.5 m (14.7 ft)	kg		*11490	*11490	*9010	7350	*7820	5010				5840	3050	9.70	
	lb		*25330	*25330	*19860	16200	*17240	11050				12870	6720	(31.8)	
3.0 m (9.8 ft)	kg		*15000	10440	*10650	6800	*8660	4730				5520	2830	9.92	
	lb		*33070	23020	*23480	14990	*19090	10430				12170	6240	(32.5)	
1.5 m (4.9 ft)	kg		*17450	9620	*12090	6340	8580	4480	6360	3270		5480	2780	9.88	
	lb		*38470	21210	*26650	13980	18920	9880	14020	7210		12080	6130	(32.4)	
Ground Line	kg		*18220	9340	12010	6060	8380	4300				5740	2920	9.57	
	lb		*40170	20590	26480	13360	18470	9480				12650	6440	(31.4)	
-1.5 m (-4.9 ft)	kg	*15100	*15100	*17870	9340	11900	5970	8310	4240			6400	3290	8.97	
	lb	*33290	*33290	*39400	20590	26230	13160	18320	9350			14110	7250	(29.4)	
-3.0 m (-9.8 ft)	kg	*22890	19360	*16580	9510	11990	6040						*7820	4110	7.98
	lb	*50460	42680	*36550	20970	26430	13320						*17240	9060	(26.2)
-4.5 m (-14.7 ft)	kg	*18960	*18960	*13950	9870	*10230	6330						*7180	6120	6.42
	lb	*41800	*41800	*30750	21760	*22550	13960						*15830	13490	(21.1)

6.45 m (21' 2") boom; 3.2 m (10' 6") arm equipped with 1.44 m<sup>3</sup> (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)
															
7.5 m (25 ft)	kg								*5160	*5160			*5870	3780	9.06
	lb								*11380	*11380			*12940	8330	(29.7)
6.0 m (20 ft)	kg								*6410	5340			5840	3090	9.84
	lb								*14130	11770			12870	6810	(32.3)
4.5 m (15 ft)	kg					*8000	7520	*7090	5090	*5360	3570		5260	2700	10.31
	lb					*17640	16580	*15630	11220	*11820	7870		11600	5950	(33.8)
3.0 m (10 ft)	kg			*13300	10840	*9720	6930	*8020	4780	6530	3410		4980	2500	10.52
	lb			*29320	23900	*21430	15280	*17680	10540	14400	7520		10980	5510	(34.5)
1.5 m (5 ft)	kg			*16290	9820	*11360	6400	8600	4480	6350	3250		4930	2450	10.48
	lb			*35910	21650	*25040	14110	18960	9880	14000	7170		10870	5400	(34.4)
Ground Line	kg		*10320	*10320	*17800	9320	11990	6030	8340	4260	6220	3130	5120	2540	10.19
	lb		*22750	*22750	*39240	20550	26430	13290	18390	9390	13710	6900	11290	5600	(33.4)
-1.5 m (-5 ft)	kg	*11460	*11460	*14560	*14560	*18040	9180	11790	5860	8210	4140		5620	2820	9.63
	lb	*25260	*25260	*32100	*32100	*39770	20240	25990	12920	18100	9130		12390	6220	(31.6)
-3.0 m (-10 ft)	kg	*15430	*15430	*19550	18810	*17260	9260	11790	5860	8220	4150		6640	3410	8.74
	lb	*34020	*34020	*43100	41470	*38050	20410	25990	12920	18120	9150		14640	7520	(28.7)
-4.5 m (-15 ft)	kg		*21700	19340	*15310	9520	*11330	6040					*7380	4710	7.37
	lb		*47840	42640	*33750	20990	*24980	13320					*16270	10380	(24.2)
-6.0 m (-20 ft)	kg			*11240	10070										
	lb			*24780	22200										

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 located on the back of the bucket.

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















# LIFTING CAPACITY

# HX330 L

 Rating over-front  Rating over-side or 360 degrees

## HX330 L HIGH WALKER

6.45 m (21' 2") boom; 2.5 m (8' 2") arm equipped with 1.44 m<sup>3</sup> (SAE heaped) bucket and 600 mm (24") triple grouser shoes.

Load point height m (ft)	Load radius										At max. reach		
	3.0 m (9.8 ft)		4.5 m (14.7 ft)		6.0 m (19.6 ft)		7.5 m (24.5 ft)		9.0 m (29.4 ft)		Capacity	Reach	
													m (ft)
7.5 m (24.5 ft)	kg										*6620	5780	8.53
	lb										*14590	12740	(28.0)
6.0 m (19.6 ft)	kg						*7300	7120			*6720	4830	9.31
	lb						*16090	15700			*14820	10650	(30.5)
4.5 m (14.7 ft)	kg		*12140	*12140	*9300	*9300	*7960	6880			6410	4330	9.76
	lb		*26760	*26760	*20500	*20500	*17550	15170			14130	9550	(32.0)
3.0 m (9.8 ft)	kg		*15590	14610	*10950	9380	*8820	6590			6130	4100	9.93
	lb		*34370	32210	*24140	20680	*19440	14530			13510	9040	(32.6)
1.5 m (4.9 ft)	kg		*17710	13840	*12300	8920	9460	6340	7200	4840	6150	4100	9.84
	lb		*39040	30510	*27120	19670	20860	13980	15870	10670	13560	9040	(32.3)
Ground Line	kg		*18220	13610	*13030	8670	9290	6180			6510	4340	9.48
	lb		*40170	30000	*28730	19110	20480	13620			14350	9570	(31.1)
-1.5 m (-4.9 ft)	kg	*16440	*16440	*17710	13640	*13030	8600	9240	6130		7340	4920	8.82
	lb	*36240	*36240	*39040	30070	*28730	18960	20370	13510		16180	10850	(28.9)
-3.0 m (-9.8 ft)	kg	*22420	*22420	*16220	13860	*12130	8720				*7780	6170	7.75
	lb	*49430	*49430	*35760	30560	*26740	19220				*17150	13600	(25.4)
-4.5 m (-14.7 ft)	kg	*17900	*17900	*13210	*13210								
	lb	*39460	*39460	*29120	*29120								

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 located on the back of the bucket.

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



ENGINE	STD	OPT
Cummins QSL 9 engine	●	
<b>HYDRAULIC SYSTEM</b>		
<b>Intelligent Power Control (IPC)</b>		
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	●	
<b>CABIN &amp; INTERIOR</b>		
<b>ISO Standard cabin</b>		
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	●	
<b>Automatic climate control</b>		
Air conditioner & heater	●	
Defroster	●	
Starting Aid (air grid heater) for cold weather	●	
<b>Centralized monitoring</b>		
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		●
<b>Seat</b>		
Adjustable air suspension seat with heater		●
<b>Cabin FOPS/FOG (ISO/DIS 10262) Level 2</b>		
FOPS (Falling Object Protective Structure) - ISO 3449 Level 2		●
FOG (Falling Object Guard)		●
<b>Cabin ROPS (ISO 12117-2)</b>		
ROPS (Roll Over Protective Structure)	●	

SAFETY	STD	OPT
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		●
Three outside rearview mirrors	●	

OTHER	STD	OPT
<b>Booms</b>		
6.15 m; 20' 2"		●
6.45 m; 21' 2"	●	
<b>Arms</b>		
2.2 m; 7' 3"		●
2.5 m; 8' 2"		●
3.2 m; 10' 6"	●	
4.05 m; 13' 3"		●
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 160 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)		●
Tool kit		●

UNDERCARRIAGE	STD	OPT
Lower frame under cover (Additional)		●
Lower frame under cover (Normal)	●	
<b>Track shoes</b>		
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 (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.
- \* 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 CO<sub>2</sub> equivalent of 1.0725 metric tonne.



PLEASE CONTACT

Hyundai Construction Equipment Europe nv

Hyundailaan 4, 3980 Tessenderlo, Belgium Tel: (32) 14-56-2200 Fax: (32) 14-59-3405 www.hyundai.eu

EN - 2017.11 Rev 3