

SPECIFICATIONS

HX330 L

ENGINE			
Maker / Model			Cummins QSL9
Type			4-cycle turbocharged, charge air cooled diesel engine
Rated flywheel horse power	SAE	J1995 (gross)	284 HP (212 kW) at 1,800 rpm
		J1349 (net)	270 HP (202 kW) at 1,800 rpm
	DIN	6271/1 (gross)	288 PS (212 kW) at 1,800 rpm
		6271/1 (net)	274 PS (202 kW) at 1,800 rpm
Max. torque			123.7 kgf·m (895 lbf·ft) at 1,500 rpm
Bore x stroke			114 x 145 mm (4.49" x 5.69")
Piston displacement			8,900 cc (543 cu in)
Batteries			2 x 12 V x 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 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	300 kgf/cm ² (4,270 psi)
Pilot circuit	40 kgf/cm ² (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 6,250 mm (20' 6") boom; 3,050 mm (10' 0") arm; SAE heaped 1.27 m ³ (1.66 yd ³) bucket, lubricant, coolant, full fuel tank, full hydraulic tank and all standard equipments.	

OPERATING WEIGHT		Operating weight		Ground pressure
Shoes	Width mm (in)	kg (lb)		kgf / cm ² (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)
	800 (32")	HX330 L	34,450 (75,950)	0.50 (7.11)
		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 **HX330 L** & DIGGING FORCE

BUCKETS

						
SAE heaped m ³ (yd ³)	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)

Capacity m ³ (yd ³)		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	2,200 (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 /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.

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")	
	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]	[]: Power Boost
		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]	

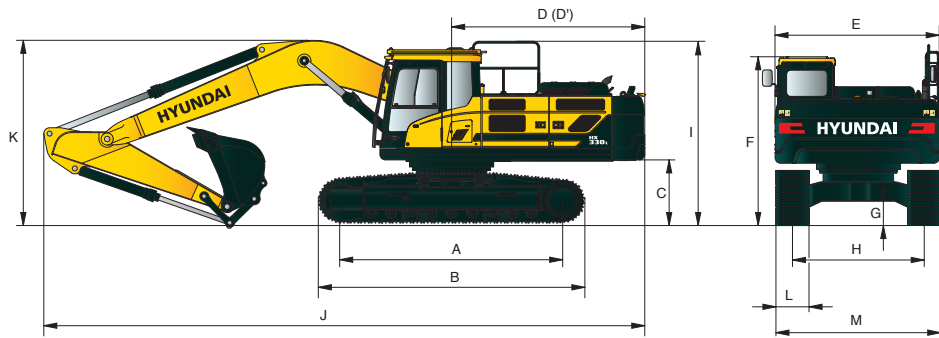
Note : Boom weight includes arm cylinder, piping, and pin
Arm weight includes bucket cylinder, linkage, and pin

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

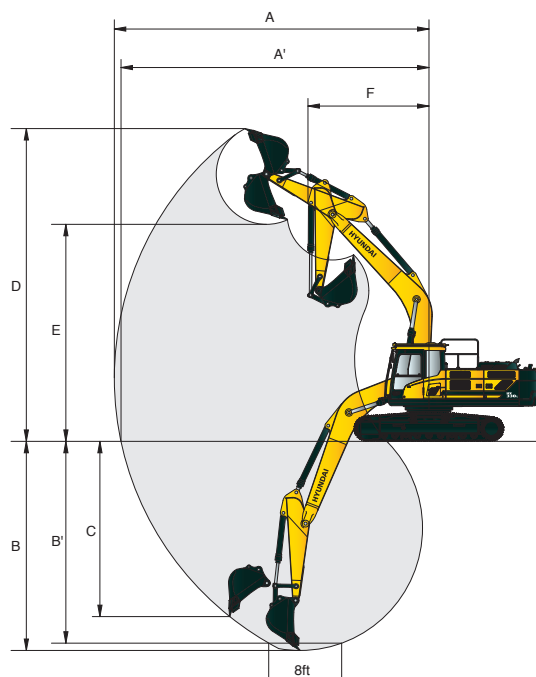


Unit : mm (ft-in)

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)

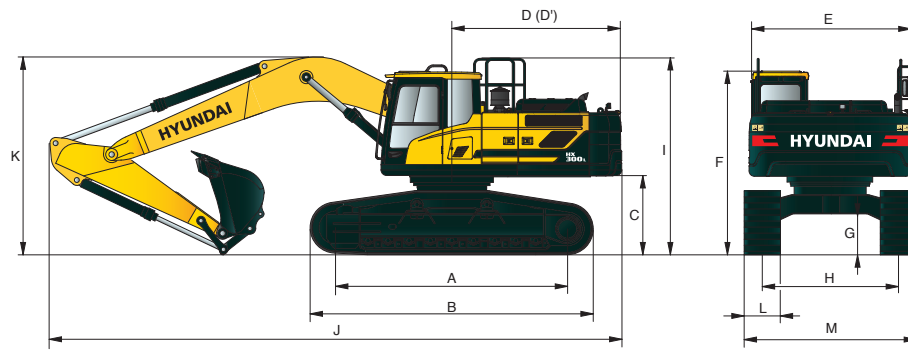
Boom length	6,150 (20' 2")	6,450 (21' 2")			
Arm length	2,200 (7' 3")	2,200 (7' 3")	2,500 (8' 2")	3,200 (10' 6")	4,050 (13' 3")
A Max. digging reach	10,020 (32' 10")	10,330 (33' 11")	10,550 (34' 7")	11,140 (36' 7")	11,950 (39' 2")
A' Max. digging reach on ground	9,800 (32' 2")	10,110 (33' 2")	10,330 (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



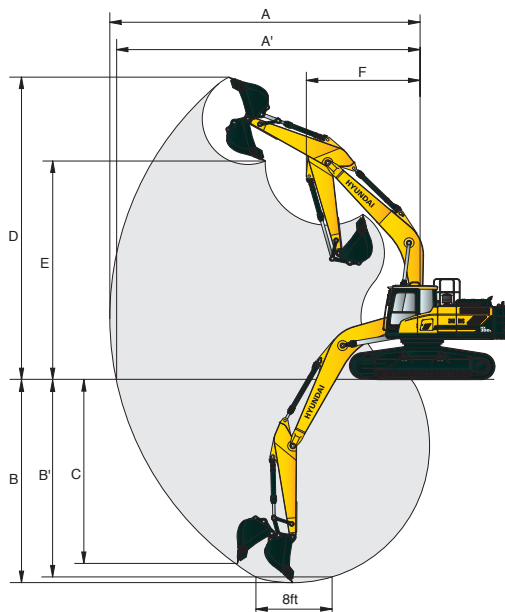
Unit : mm (ft-in)

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")	900 (36")
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 m³ (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	
7.5 m (25 ft)	kg									*7380	6080
	lb									*16270	13400
6.0 m (20 ft)	kg					*8280	*8280	*7970	6200	*7440	4850
	lb					*18250	*18250	*17570	13670	*16400	10690
4.5 m (15 ft)	kg			*11980	*11980	*9530	8850	*8390	6060	6600	4230
	lb			*26410	*26410	*21010	19510	*18500	13360	14550	9330
3.0 m (10 ft)	kg			*15470	13010	*11120	8350	9080	5830	6220	3950
	lb			*34110	28680	*24520	18410	20020	12850	13710	8710
1.5 m (5 ft)	kg			*17910	12210	*12530	7920	8840	5600	6190	3910
	lb			*39480	26920	*27620	17460	19490	12350	13650	8620
Ground Line	kg			*18640	11930	12410	7660	8670	5450	6530	4120
	lb			*41090	26300	27360	16890	19110	12020	14400	9080
-1.5 m (-5 ft)	kg	*16990	*16990	*18160	11930	12320	7580	8630	5420	7400	4690
	lb	*37460	*37460	*40040	26300	27160	16710	19030	11950	16310	10340
-3.0 m (-10 ft)	kg	*22830	*22830	*16550	12120	*12300	7690			*8260	5970
	lb	*50330	*50330	*36490	26720	*27120	16950			*18210	13160
-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 m³ (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	
7.5 m (25 ft)	kg									*7020	5490
	lb									*15480	12100
6.0 m (20 ft)	kg					*8120	*8120	*7600	6140	6900	4430
	lb					*17900	*17900	*16760	13540	15210	9770
4.5 m (15 ft)	kg			*12260	*12260	*9450	8660	*8150	5950	6140	3890
	lb			*27030	*27030	*20830	19090	*17970	13120	13540	8580
3.0 m (10 ft)	kg					*11050	8120	8930	5690	5790	3630
	lb					*24360	17900	19690	12540	12760	8000
1.5 m (5 ft)	kg					*12410	7680	8670	5450	5770	3600
	lb					*27360	16930	19110	12020	12720	7940
Ground Line	kg			*18350	11600	12150	7430	8500	5290	6060	3780
	lb			*40450	25570	26790	16380	18740	11660	13360	8330
-1.5 m (-5 ft)	kg	*14500	*14500	*17770	11640	12080	7370	8460	5250	6810	4280
	lb	*31970	*31970	*39180	25660	26630	16250	18650	11570	15010	9440
-3.0 m (-10 ft)	kg	*22000	*22000	*16270	11850	12210	7480			*7830	5360
	lb	*48500	*48500	*35870	26120	26920	16490			*17260	11820
-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 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

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 m³ (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 lb											*6610 *14570	5190 11440	8.34 (27.4)
6.0 m (19.6 ft)	kg lb							*7220 *15920	6170 13600			6590 14530	4220 9300	9.19 (30.2)
4.5 m (14.7 ft)	kg lb			*11490 *25330	*11490 *25330	*9010 *19860	8710 19200	*7820 *17240	5960 13140			5880 12960	3710 8180	9.70 (31.8)
3.0 m (9.8 ft)	kg lb			*15000 *33070	12650 27890	*10650 *23480	8130 17920	*8660 *19090	5670 12500			5560 12260	3460 7630	9.92 (32.5)
1.5 m (4.9 ft)	kg lb			*17450 *38470	11780 25970	*12090 *26650	7650 16870	8640 19050	5410 11930	6410 14130	3990 8800	5520 12170	3420 7540	9.88 (32.4)
Ground Line	kg lb			*18220 *40170	11490 25330	12090 26650	7360 16230	8440 18610	5230 11530			5780 12740	3580 7890	9.57 (31.4)
-1.5 m (-4.9 ft)	kg lb	*15100 *33290	*15100 *33290	*17870 *39400	11480 25310	11980 26410	7270 16030	8370 18450	5170 11400			6450 14220	4020 8860	8.97 (29.4)
-3.0 m (-9.8 ft)	kg lb	*22890 *50460	*22890 *50460	*16580 *36550	11660 25710	12070 26610	7350 16200					*7820 *17240	4960 10930	7.98 (26.2)
-4.5 m (-14.7 ft)	kg lb	*18960 *41800	*18960 *41800	*13950 *41800	12050 26570	*10230 *22550	7640 16840					*7180 *15830	*7180 *15830	6.42 (21.1)

6.45 m (21' 2") boom; 3.2 m (10' 6") arm equipped with 1.44 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)
7.5 m (25 ft)	kg									*5160	*5160			*5870	4510	9.06
	lb									*11380	*11380			*12940	9940	(29.7)
6.0 m (20 ft)	kg									*6410	6300			5880	3740	9.84
	lb									*14130	13890			12960	8250	(32.3)
4.5 m (15 ft)	kg							*8000	*8000	*7090	6040	*5360	4290	5300	3310	10.31
	lb							*17640	*17640	*15630	13320	*11820	9460	11680	7300	(33.8)
3.0 m (10 ft)	kg					*13300	13080	*9720	8270	*8020	5730	6570	4140	5020	3090	10.52
	lb					*29320	28840	*21430	18230	*17680	12630	14480	9130	11070	6810	(34.5)
1.5 m (5 ft)	kg					*16290	11990	*11360	7720	8650	5420	6390	3970	4970	3040	10.48
	lb					*35910	26430	*25040	17020	19070	11950	14090	8750	10960	6700	(34.4)
Ground Line	kg			*10320	*10320	*17800	11460	12070	7340	8400	5190	6260	3850	5160	3150	10.19
	lb			*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 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

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 m³ (SAE heaped) bucket and 600 mm (24") triple grouser shoes.

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

HX330 NL

6.45 m (21' 2") boom; 2.2 m (7' 3") arm equipped with 1.44 m³ (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 lb									*7020 *15480	4640 10230	8.07 (26.5)
6.0 m (20 ft)	kg lb					*8120 *17900	7760 17110	*7600 *16760	5180 11420	6850 15100	3700 8160	8.95 (29.4)
4.5 m (15 ft)	kg lb			*12260 *27030	11550 25460	*9450 *20830	7310 16120	*8150 *17970	5000 11020	6090 13430	3210 7080	9.47 (31.1)
3.0 m (10 ft)	kg lb					*11050 *24360	6790 14970	8880 19580	4750 10470	5750 12680	2980 6570	9.70 (31.8)
1.5 m (5 ft)	kg lb					12360 27250	6360 14020	8620 19000	4520 9960	5730 12630	2940 6480	9.66 (31.7)
Ground Line	kg lb			*18350 *40450	9450 20830	12070 26610	6130 13510	8440 18610	4370 9630	6020 13270	3100 6830	9.34 (30.6)
-1.5 m (-5 ft)	kg lb	*14500 *31970	*14500 *31970	*17770 *39180	9500 20940	12010 26480	6070 13380	8400 18520	4330 9550	6770 14930	3530 7780	8.72 (28.6)
-3.0 m (-10 ft)	kg lb	*22000 *48500	19730 43500	*16270 *35870	9690 21360	12130 26740	6170 13600			*7830 *17260	4460 9830	7.70 (25.3)
-4.5 m (-15 ft)	kg lb	*17710 *39040	*17710 *39040	*13290 *29300	10090 22240							

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

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 m³ (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 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
														m (ft)
7.5 m (25 ft)	kg									*5160	*5160			*5870
	lb									*11380	*11380			*12940
6.0 m (20 ft)	kg									*6410	5340			5840
	lb									*14130	11770			12870
4.5 m (15 ft)	kg							*8000	7520	*7090	5090	*5360	3570	5260
	lb							*17640	16580	*15630	11220	*11820	7870	11600
3.0 m (10 ft)	kg					*13300	10840	*9720	6930	*8020	4780	6530	3410	4980
	lb					*29320	23900	*21430	15280	*17680	10540	14400	7520	10980
1.5 m (5 ft)	kg					*16290	9820	*11360	6400	8600	4480	6350	3250	4930
	lb					*35910	21650	*25040	14110	18960	9880	14000	7170	10870
Ground Line	kg			*10320	*10320	*17800	9320	11990	6030	8340	4260	6220	3130	5120
	lb			*22750	*22750	*39240	20550	26430	13290	18390	9390	13710	6900	11290
-1.5 m (-5 ft)	kg	*11460	*11460	*14560	*14560	*18040	9180	11790	5860	8210	4140			5620
	lb	*25260	*25260	*32100	*32100	*39770	20240	25990	12920	18100	9130			12390
-3.0 m (-10 ft)	kg	*15430	*15430	*19550	18810	*17260	9260	11790	5860	8220	4150			6640
	lb	*34020	*34020	*43100	41470	*38050	20410	25990	12920	18120	9150			14640
-4.5 m (-15 ft)	kg			*21700	19340	*15310	9520	*11330	6040					*7380
	lb			*47840	42640	*33750	20990	*24980	13320					*16270
-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 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

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 m³ (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 lb											*6620 *14590	5780 12740	8.53 (28.0)
6.0 m (19.6 ft)	kg lb							*7300 *16090	7120 15700			*6720 *14820	4830 10650	9.31 (30.5)
4.5 m (14.7 ft)	kg lb			*12140 *26760	*12140 *26760	*9300 *20500	*9300 *20500	*7960 *17550	6880 15170			6410 14130	4330 9550	9.76 (32.0)
3.0 m (9.8 ft)	kg lb			*15590 *34370	14610 32210	*10950 *24140	9380 20680	*8820 *19440	6590 14530			6130 13510	4100 9040	9.93 (32.6)
1.5 m (4.9 ft)	kg lb			*17710 *39040	13840 30510	*12300 *27120	8920 19670	9460 20860	6340 13980	7200 15870	4840 10670	6150 13560	4100 9040	9.84 (32.3)
Ground Line	kg lb			*18220 *40170	13610 30000	*13030 *28730	8670 19110	9290 20480	6180 13620			6510 14350	4340 9570	9.48 (31.1)
-1.5 m (-4.9 ft)	kg lb	*16440 *36240	*16440 *36240	*17710 *39040	13640 30070	*13030 *28730	8600 18960	9240 20370	6130 13510			7340 16180	4920 10850	8.82 (28.9)
-3.0 m (-9.8 ft)	kg lb	*22420 *49430	*22420 *49430	*16220 *35760	13860 30560	*12130 *26740	8720 19220					*7780 *17150	6170 13600	7.75 (25.4)
-4.5 m (-14.7 ft)	kg lb	*17900 *39460	*17900 *39460	*13210 *29120	*13210 *29120									

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.

NOTES

HX330 L

ENGINE	STD	OPT
Cummins QSL 9 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	●	
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		
Booms		
6.15 m; 20' 2"		●
6.45 m; 21' 2"	●	
Arms		
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		
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 (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.