

SPECIFICATIONS

HX380 L

ENGINE			
Maker / Model			Cummins QSL9
Type			4-cycle turbocharged, charge air cooled diesel engine
Rated flywheel horse power	SAE	J1995 (gross)	267 kW (359 HP) at 1,650 rpm
		J1349 (net)	257 kW (344 HP) at 1,650 rpm
	DIN	6271/1 (gross)	267 kW (362 PS) at 1,650 rpm
		6271/1 (net)	257 kW (349 PS) at 1,650 rpm
Max. torque			145.3 kgf·m (1.050 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 × 288.8 l/min (76.3 U.S. gpm / 63.5 U.K. 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	330 kgf/cm ² (4,690 psi)
Travel	360 kgf/cm ² (5,120 psi)
Power boost (boom, arm, bucket)	360 kgf/cm ² (5,120 psi)
Swing circuit	290 kgf/cm ² (4,120 psi)
Pilot circuit	40 kgf/cm ² (569 psi)
Service valve	Installed

HYDRAULIC CYLINDERS	
No. of cylinder bore × stroke	Boom: Ø 160 × 1,500 mm
	Arm: Ø 170 × 1,760 mm
	Bucket: Ø 150 × 1,295 mm

DRIVES & BRAKES	
Drive method	Fully hydrostatic type
Drive motor	Axial piston motor, in-shoe design
Reduction system	Planetary reduction gear
Max. drawbar pull	30,500 kgf (67,240 lbf)
Max. travel speed (high / low)	5.0 km/hr (3.1 mph) / 3.1 km/hr (1.92 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	9.5 rpm

SERVICE REFILL CAPACITIES			
Re-filling	liter	US gal	UK gal
Fuel tank	550	145	120
Engine coolant	55	14.5	12.1
Engine oil	30	7.9	6.6
Swing device	8	2.1	1.8
Final drive (each)	5.5	1.5	1.2
Hydraulic system (including tank)	414	109	90
Hydraulic tank	210	55	45
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.	

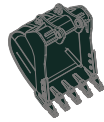
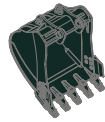
Center frame	X - leg type
Track frame	Pentagonal box type
No. of shoes on each side	51 EA
No. of carrier roller on each side	2 EA
No. of track roller on each side	9 EA
No. of rail guard on each side	2 EA

OPERATING WEIGHT (APPROXIMATE)	
Operating weight, including 6,500 mm (21' 4") boom; 3,200 mm (10' 6") arm; SAE heaped 1.62 m ³ (2.12 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")	HX380 L	38,920 (85,800)	0.70 (9.95)
		HX380 NL	38,820 (85,580)	0.70 (9.95)
	700 (28")	HX380 L	39,370 (86,800)	0.61 (8.67)
	750 (30")	HX380 L	39,595 (87,290)	0.57 (8.11)
	800 (32")	HX380 L	39,820 (87,790)	0.54 (7.68)
Double grouser	900 (36")	HX380 L	40,270 (88,780)	0.48 (6.83)
	600 (24")	HX380 L	39,165 (86,340)	0.70 (9.95)
Heavy duty grouser	700 (28")	HX380 L	29,665 (87,450)	0.61 (8.67)
	600 (24")	HX380 HD	39,280 (86,600)	0.71 (10.10)
	700 (28")	HX380 HD	39,775 (87,690)	0.61 (8.67)

BUCKET SELECTION GUIDE HX380L & DIGGING FORCE

BUCKETS



SAE heaped
m³ (yd³)

1.46 (1.91)
1.62 (2.12)
1.90 (2.49)
2.10 (2.75)
2.32 (3.03)

◆ 1.46 (1.91)
◆ 1.62 (2.12)
◆ 1.90 (2.49)
◆ 2.10 (2.75)

◆ 1.46 (1.91)
◆ 1.62 (2.12)
◆ 1.90 (2.49)

Capacity m ³ (yd ³)		Width mm (in)	Weight kg (lb)	Recommendation mm (ft.in)			
				6,150 (20' 2") Boom	6,500 (21' 4") Boom		
SAE heaped	CECE heaped			2,500 (8' 2") Arm	2,500 (8' 2") Arm	3,200 (10' 6") Arm	3,900 (12' 10") Arm
1.46 (1.91)	1.28 (1.67)	1,370 (54")	1,400 (3,090)	●	●	●	⊙
1.62 (2.12)	1.42 (1.86)	1,480 (58")	1,500 (3,310)	●	●	●	⊙
1.90 (2.49)	1.65 (2.16)	1,665 (66")	1,610 (2,450)	⊙	⊙	○	○
2.10 (2.75)	1.84 (2.41)	1,800 (71")	1,690 (3,730)	⊙	○	○	○
2.32 (3.03)	2.02 (2.64)	1,950 (77")	1,800 (3,970)	○	○	○	-
◆ 1.46 (1.91)	1.28 (1.67)	1,370 (54")	1,560 (3,440)	●	●	●	⊙
◆ 1.62 (2.12)	1.42 (1.86)	1,480 (58")	1,660 (3,660)	●	●	⊙	○
◆ 1.90 (2.49)	1.65 (2.16)	1,665 (66")	1,790 (3,950)	⊙	⊙	○	○
◆ 2.10 (2.75)	1.84 (2.41)	1,800 (71")	1,880 (4,140)	⊙	○	○	-
◆ 1.46 (1.91)	1.28 (1.67)	1,370 (54")	1,750 (3,860)	●	●	⊙	⊙
◆ 1.62 (2.12)	1.42 (1.86)	1,480 (58")	1,850 (4,080)	●	●	⊙	○
◆ 1.90 (2.49)	1.65 (2.16)	1,665 (66")	1,990 (4,390)	⊙	○	○	○

- ◆ 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 6.5 m (21' 4") Booms and 2.5 m (8' 2"); 3.2 m (10' 6") & 3.9 m (12' 10") Arms are available.

DIGGING FORCE

Boom	Length	mm (ft.in)	6,150 (20' 2")	6,500 (21' 4")			Remarks:
	Weight	kg (lb)	3,750 (8,270)	3,850 (8,490)			
Arm	Length	mm (ft.in)	2,500 (8' 2")	2,500 (8' 2")	3,200 (10' 6")	3,900 (12' 10")	
	Weight	kg (lb)	1,960 (4,320)	1,960 (4,320)	2,120 (4,670)	2,190 (4,830)	
Bucket digging force	SAE	kN	201.0 [219.3]	201.0 [219.3]	201.0 [219.3]	201.0 [219.3]	[]: Power Boost
		kgf	20,500 [22,360]	20,500 [22,360]	20,500 [22,360]	20,500 [22,360]	
		lbf	45,190 [49,300]	45,190 [49,300]	45,190 [49,300]	45,190 [49,300]	
	ISO	kN	228.5 [249.3]	228.5 [249.3]	228.5 [249.3]	228.5 [249.3]	
		kgf	23,300 [25,420]	23,300 [25,420]	23,300 [25,420]	23,300 [25,420]	
		lbf	51,370 [56,040]	51,370 [56,040]	51,370 [56,040]	51,370 [56,040]	
Arm crowd force	SAE	kN	192.2 [209.7]	192.2 [209.7]	160.8 [175.4]	160.8 [175.4]	
		kgf	19,600 [21,380]	19,600 [21,380]	16,400 [17,890]	16,400 [17,890]	
		lbf	43,210 [47,130]	43,210 [47,130]	36,160 [39,440]	36,160 [39,440]	
	ISO	kN	200.1 [218.2]	200.1 [218.2]	165.7 [180.8]	165.7 [180.8]	
		kgf	20,400 [22,250]	20,400 [22,250]	16,900 [18,440]	16,900 [18,440]	
		lbf	44,970 [49,050]	44,970 [49,050]	37,260 [40,650]	37,260 [40,650]	

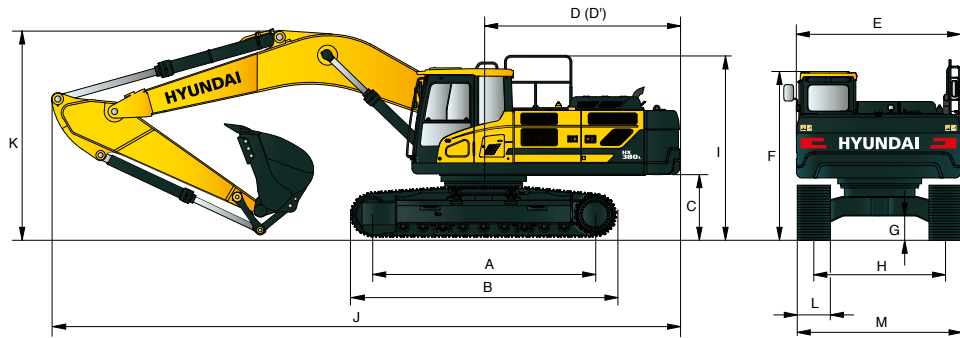
Note : Boom weight includes arm cylinder, piping, and pin
Arm weight includes bucket cylinder, linkage, and pin

DIMENSIONS & WORKING RANGE

HX380 L

HX380 L / HX380 NL DIMENSIONS

6.15 m (20' 2") & 6.5 m (21' 4") BOOM and 2.5 m (8' 2"); 3.2 m (10' 6") & 3.9 m (12' 10") ARM

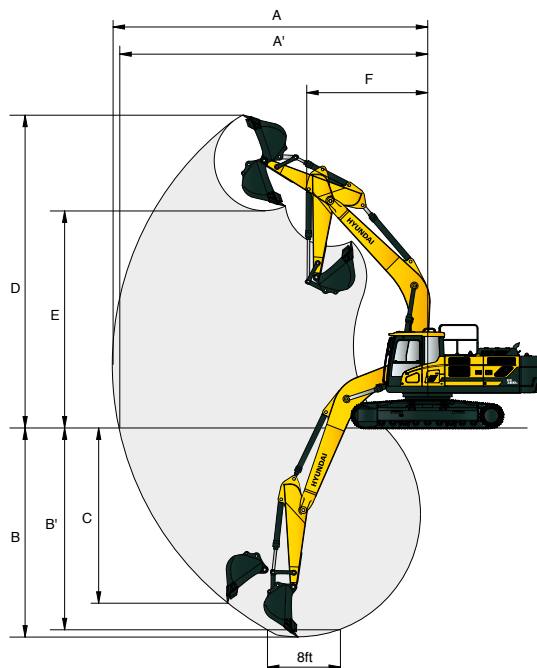


Unit : mm (ft-in)

A	Tumbler distance	4,340 (14' 3")
B	Overall length of crawler	5,280 (17' 4")
C	Ground clearance of counterweight	1,295 (4' 2")
D	Tail swing radius	3,640 (11' 9")
D'	Rear-end length	3,555 (11' 7")
E	Overall width of upperstructure	2,980 (9' 9")
F	Overall height of cab	3,240 (10' 6")
G	Min. ground clearance	550 (1' 10")
H	Track gauge	HX380 L 2,740 (9' 0") HX380 NL 2,390 (7' 10")
I	Overall height of guardrail	3,445 (10' 3")

Boom length		6,150 (20' 2")	6,500 (21' 4")				
Arm length		2,500 (8' 2")	2,500 (8' 2")	3,200 (10' 6")	3,900 (12' 10")		
J	Overall length	11,100 (36' 5")	11,450 (37' 7")	11,400 (30' 5")	11,400 (37' 5")		
K	Overall height of boom	3,830 (12' 7")	3,740 (12' 3")	3,630 (11' 11")	3,740 (12' 3")		
L Track shoe width		600 (24")	700 (28")	750 (30")	800 (32")	900 (36")	
M	Overall width	HX380 L	3,340 (10' 11")	3,440 (11' 3")	3,490 (11' 5")	3,540 (11' 7")	3,640 (11' 11")
		HX380 NL	2,990 (9' 10")				

HX380 L / HX380 NL WORKING RANGE



Unit : mm (ft-in)

Boom length		6,150 (20' 2")	6,500 (21' 4")		
Arm length		2,500 (8' 2")	2,500 (8' 2")	3,200 (10' 6")	3,900 (12' 10")
A	Max. digging reach	10,300 (33' 10")	10,650 (34' 11")	11,160 (36' 7")	11,820 (38' 9")
A'	Max. digging reach on ground	10,060 (33' 0")	10,410 (34' 2")	10,930 (35' 10")	11,620 (38' 1")
B	Max. digging depth	6,560 (21' 6")	6,820 (22' 5")	7,520 (24' 8")	8,220 (27' 0")
B'	Max. digging depth (8' level)	6,380 (20' 11")	6,640 (21' 5")	7,360 (24' 2")	8,080 (26' 6")
C	Max. vertical wall digging depth	4,780 (15' 8")	5,030 (16' 6")	5,480 (18' 0")	6,300 (20' 8")
D	Max. digging height	10,000 (32' 10")	10,330 (33' 11")	10,270 (33' 8")	10,610 (34' 10")
E	Max. dumping height	6,870 (22' 6")	7,190 (23' 7")	7,190 (23' 7")	7,500 (24' 7")
F	Min. front swing radius	4,310 (14' 2")	4,490 (14' 9")	4,490 (14' 9")	4,350 (14' 3")

LIFTING CAPACITY

HX380 L



Rating over-front



Rating over-side or 360 degrees

HX380 L

6.15 m (20' 2") boom; 2.5 m (8' 2") arm equipped with 1.62 m³ (SAE heaped) bucket and 600 mm (24") triple grouser shoes.

Load point height m (ft)		Load radius								At max. reach	
		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		Capacity	
7.5 m (25 ft)	kg									*7140	6330
	lb									*15740	13960
6.0 m (20 ft)	kg					*8000	*8000	*7650	6450	*7220	4940
	lb					*17640	*17640	*16870	14220	*15920	10890
4.5 m (15 ft)	kg			*11730	*11730	*9300	9270	*8160	6220	*7410	4230
	lb			*25860	*25860	*20500	20440	*17990	13710	*16340	9330
3.0 m (10 ft)	kg			*15260	13520	*10940	8580	*8970	5890	7040	3880
	lb			*33640	29810	*24120	18920	*19780	12990	15520	8550
1.5 m (5 ft)	kg			*17820	12430	*12410	7990	*9770	5580	6960	3790
	lb			*39290	27400	*27360	17610	*21540	12300	15340	8360
Ground Line	kg			*18720	12010	*13290	7630	9790	5360	7310	3980
	lb			*41270	26480	*29300	16820	21580	11820	16120	8770
-1.5 m (-5 ft)	kg	*20170	*20170	*18370	11960	*13390	7510	9720	5300	8250	4520
	lb	*44470	*44470	*40500	26370	*29520	16560	21430	11680	18190	9960
-3.0 m (-10 ft)	kg	*23770	*23770	*16880	12180	*12440	7620			*8790	5770
	lb	*52400	*52400	*37210	26850	*27430	16800			*19380	12720
-4.5 m (-15 ft)	kg	*18720	*18720	*13510	12730					*8150	*8150
	lb	*41270	*41270	*29780	28060					*17970	*17970
-9.0 m (-30 ft)	kg									*5210	*5210
	lb									*11490	*11490

6.5 m (21' 4") boom; 2.5 m (8' 2") arm equipped with 1.62 m³ (SAE heaped) bucket and 600 mm (24") triple grouser shoes.

Load point height m (ft)		Load radius								At max. reach	
		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		Capacity	
9.0 m (30 ft)	kg									*6870	*6870
	lb									*15150	*15150
7.5 m (25 ft)	kg									*6750	5630
	lb									*14880	12410
6.0 m (20 ft)	kg					*7870	*7870	*7290	6420	*6820	4450
	lb					*17350	*17350	*16070	14150	*15040	9810
4.5 m (15 ft)	kg			*12110	*12110	*9260	9080	*7920	6130	6940	3830
	lb			*26700	*26700	*20410	20020	*17460	13510	15300	8440
3.0 m (10 ft)	kg			*15660	12950	*10910	8340	*8770	5760	6500	3520
	lb			*34520	28550	*24050	18390	*19330	12700	14330	7760
1.5 m (5 ft)	kg			*17900	11950	*12310	7740	*9570	5430	6430	3440
	lb			*39460	26350	*27140	17060	*21100	11970	14180	7580
Ground Line	kg			*18450	11650	*13100	7390	9620	5200	6720	3590
	lb			*40680	25680	*28880	16290	21210	11460	14820	7910
-1.5 m (-5 ft)	kg	*17120	*17120	*17970	11670	*13160	7290	9530	5130	7520	4050
	lb	*37740	*37740	*39620	25730	*29010	16070	21010	11310	16580	8930
-3.0 m (-10 ft)	kg	*22880	*22880	*16570	11900	*12350	7390			*8190	5070
	lb	*50440	*50440	*36530	26230	*27230	16290			*18060	11180
-4.5 m (-15 ft)	kg	*18610	*18610	*13720	12400					*7770	7640
	lb	*41030	*41030	*30250	27340					*17130	16840

6.5 m (21' 4") boom; 3.2 m (10' 6") arm equipped with 1.62 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)	kg									*5840	*5840
	lb									*12870	*12870
7.5 m (25 ft)	kg									*5870	4950
	lb									*12940	10910
6.0 m (20 ft)	kg									*6370	*6370
	lb									*14040	*14040
4.5 m (15 ft)	kg							*8110	*8110	*7090	6260
	lb							*17880	*17880	*15630	13800
3.0 m (10 ft)	kg					*13710	13600	*9860	8550	*8030	5840
	lb					*30230	29980	*21740	18850	*17700	12870
1.5 m (5 ft)	kg					*16620	12240	*11480	7840	*8970	5440
	lb					*36640	26980	*25310	17280	*19780	11990
Ground Line	kg			*11670	*11670	*18010	11600	*12600	7360	9570	5150
	lb			*25730	*25730	*39710	25570	*27780	16230	21100	11350
-1.5 m (-5 ft)	kg	*13240	*13240	*16670	*16670	*18180	11420	*13040	7140	9390	4990
	lb	*29190	*29190	*36750	*36750	*40080	25180	*28750	15740	20700	11000
-3.0 m (-10 ft)	kg	*17860	*17860	*22550	*22550	*17340	11520	*12710	7140	9400	5000
	lb	*39370	*39370	*49710	*49710	*38230	25400	*28020	15740	20720	11020
-4.5 m (-15 ft)	kg			*21770	*21770	*15310	11880	*11270	7370		
	lb			*47990	*47990	*33750	26190	*24850	16250		
-6.0 m (-20 ft)	kg					*11030	*11030				
	lb					*24320	*24320				

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

HX380 L



Rating over-front



Rating over-side or 360 degrees

HX380 L

6.5 m (21' 4") boom; 3.9 m (12' 10") arm equipped with 1.62 m³ (SAE heaped) bucket and 600 mm (24") triple grouser shoes.

Load point height m (ft)		Load radius										At max. reach				
		1.5 m (5 ft)		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		9.0 m (30 ft)		Capacity		Reach
																m (ft)
9.0 m (30 ft)	kg lb													*5120 *11290	*5120 *11290	8.35 (27.4)
7.5 m (25 ft)	kg lb													*5210 *11490	4190 9240	9.44 (31.0)
6.0 m (20 ft)	kg lb											*4810 *10600	4640 10230	*5370 *11840	3440 7580	10.17 (33.4)
4.5 m (15 ft)	kg lb									*6290 *13870	*6290 *13870	*5900 *13010	4470 9850	*5580 *12300	2990 6590	10.62 (34.8)
3.0 m (10 ft)	kg lb			*20290 *44730	*20290 *44730	*11890 *26210	*11890 *26210	*8840 *19490	*8840 *19490	*7320 *16140	6010 13250	*6480 *14290	4220 9300	5280 11640	2750 6060	10.82 (35.5)
1.5 m (5 ft)	kg lb			*10690 *23570	*10690 *23570	*15290 *33710	12810 28240	*10670 *23520	8100 17860	*8390 *18500	5570 12280	*7100 *15650	3970 8750	5200 11460	2660 5860	10.79 (35.4)
Ground Line	kg lb			*12110 *26700	*12110 *26700	*17390 *38340	11870 26170	*12080 *26630	7510 16560	*92290 *20480	5210 11490	7070 15590	3760 8290	5350 11790	2730 6020	10.53 (34.5)
-1.5 m (-5 ft)	kg lb	*11600 *25570	*11600 *25570	*15390 *33930	*15390 *33930	*18190 *40100	11480 25310	*12860 *28350	7180 15830	9390 20700	4980 10980	6930 15280	3630 8000	5790 12760	2980 6570	10.02 (32.9)
-3.0 m (-10 ft)	kg lb	*15300 *33730	*15300 *33730	*19710 *43450	*19710 *43450	*17910 *39480	11430 25200	*12930 *28510	7070 15590	9300 20500	4900 10800			6710 14790	3520 7760	9.21 (30.2)
-4.5 m (-15 ft)	kg lb	*19590 *43190	*19590 *43190	*24400 *53790	*24400 *53790	*16540 *36460	11640 25660	*12090 *26650	7180 15830	*9050 *19950	5010 11050			*7560 *16670	4660 10270	8.01 (26.3)
-6.0 m (-20 ft)	kg lb			*19480 *42950	*19480 *42950	*13530 *29830	12160 26810	*9650 *21270	7570 16690					*7550 *16640	*7550 *16640	6.14 (20.1)

HX380 NL

6.15 m (20' 2") boom; 2.5 m (8' 2") arm equipped with 1.62 m³ (SAE heaped) bucket and 600 mm (24") triple grouser shoes.

Load point height m (ft)		Load radius								At max. reach	
		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		Capacity	
7.5 m	kg									*7140	5360
(25 ft)	lb									*15740	11820
6.0 m	kg					*8000	*8000	*7650	5460	*7220	4120
(20 ft)	lb					*17640	*17640	*16870	12040	*15920	9080
4.5 m	kg			*11730	*11730	*9300	7860	*8160	5240	*7410	3480
(15 ft)	lb			*25860	*25860	*20500	17330	*17990	11550	*16340	7670
3.0 m	kg			*15260	11210	*10940	7190	*8970	4920	7020	3160
(10 ft)	lb			*33640	24710	*24120	15850	*19780	10850	15480	6970
1.5 m	kg			*17820	10170	*12410	6620	*9770	4610	6940	3080
(5 ft)	lb			*39290	22420	*27360	14590	*21540	10160	15300	6790
Ground	kg			*18720	9780	*13290	6270	9760	4400	7290	3220
Line	lb			*41270	21560	*29300	13820	21520	9700	16070	7100
-1.5 m	kg	*20170	20160	*18370	9740	*13390	6160	9690	4340	8230	3690
(-5 ft)	lb	*44470	44450	*40500	21470	*29520	16580	21360	9570	18140	8140
-3.0 m	kg	*23770	20600	*16880	9950	*12440	6270			*8790	4760
(-10 ft)	lb	*52400	45420	*37210	21940	*27430	13820			*17970	10490
-4.5 m	kg	*18720	*18720	*13510	10460					*8150	7730
(-15 ft)	lb	*41270	*41270	*29780	23060					*17970	17040
-9.0 m	kg									*5210	4550
(-30 ft)	lb									*11490	10030

6.5 m (21' 4") boom; 2.5 m (8' 2") arm equipped with 1.62 m³ (SAE heaped) bucket and 600 mm (24") triple grouser shoes.

Load point height m (ft)		Load radius								At max. reach	
		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		Capacity	
9.0 m	kg									*6870	*6870
(30 ft)	lb									*15150	*15150
7.5 m	kg									*6750	4730
(25 ft)	lb									*14880	10430
6.0 m	kg					*7870	*7870	*7290	5420	*6820	3680
(20 ft)	lb					*17350	*17350	*16070	11950	*15040	8110
4.5 m	kg			*12110	*12110	*9260	7660	*7920	5140	6920	3120
(15 ft)	lb			*26700	*26700	*20410	16890	*17460	11330	15260	6880
3.0 m	kg			*15660	10670	*10910	6950	*8770	4780	6480	2840
(10 ft)	lb			*34520	23520	*24050	15320	*19330	10540	14290	6260
1.5 m	kg			*17900	9720	*12310	6370	*9570	4460	6410	2760
(5 ft)	lb			*39460	21430	*27140	14040	*21100	9830	14130	6080
Ground	kg			*18450	9440	*13100	6040	9590	4240	6700	2880
Line	lb			*40680	20810	*28880	13320	21140	9350	14770	6350
-1.5 m	kg	*17120	*17120	*17970	9450	*13160	5940	9500	4170	7490	3280
(-5 ft)	lb	*37740	*37740	*39620	20830	*29010	13100	20940	9190	16510	7230
-3.0 m	kg	*22880	20250	*16570	9670	*12350	6040			*8190	4160
(-10 ft)	lb	*50440	44640	*36530	21320	*27230	13320			*18060	9170
-4.5 m	kg	*18610	*18610	*13720	10140					*7770	6350
(-15 ft)	lb	*41030	*41030	*30250	22350					*17130	14000

LIFTING CAPACITY

HX380 L



Rating over-front



Rating over-side or 360 degrees

HX380 NL

6.5 m (21' 4") boom; 3.2 m (10' 6") arm equipped with 1.62 m³ (SAE heaped) bucket and 600 mm (24") triple grouser shoes.

Load point height m (ft)		Load radius												At max. reach		
		1.5 m (5 ft)		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		9.0 m (30 ft)		Capacity		Reach
																m (ft)
9.0 m	kg													*5840	5840	7.44
(30 ft)	lb													*12870	12870	(24.4)
7.5 m	kg									*6080	5760			*5870	4150	8.66
(25 ft)	lb									*13400	12700			*12940	9150	(28.4)
6.0 m	kg									*6370	5600			*6010	3280	9.46
(20 ft)	lb									*14040	12350			*13250	7230	(31.0)
4.5 m	kg							*8110	7930	*7090	5270	*6320	3590	*6220	2780	9.94
(15 ft)	lb							*17880	17480	*15630	11620	*13930	7910	*13710	6130	(32.6)
3.0 m	kg					*13710	11270	*9860	7150	*8030	4860	*7050	3380	5900	2510	10.16
(10 ft)	lb					*30230	24850	*21740	15760	*17700	10710	*15540	7450	13010	5530	(33.3)
1.5 m	kg					*16620	9990	*11480	6470	*8970	4470	7220	3170	5810	2420	10.13
(5 ft)	lb					*36640	22020	*25310	14260	*19780	9850	15920	6990	12810	5340	(33.2)
Ground	kg			*11670	*11670	*18010	9380	*12600	6010	9540	4180	7040	3010	6010	2490	9.85
Line	lb			*25730	*25730	*39710	20680	*27780	13250	21030	9220	15520	6640	13250	5490	(32.3)
-1.5 m	kg	*13240	*13240	*16670	*16670	*18180	9210	*13040	5800	9360	4030			6610	2780	9.30
(-5 ft)	lb	*29190	*29190	*36750	*36750	*40080	20300	*28750	12790	20640	8880			14570	6130	(30.5)
-3.0 m	kg	*17860	*17860	*22550	19430	*17340	9310	*12710	5790	9370	4040			*7870	3420	8.41
(-10 ft)	lb	*39370	*39370	*49710	42840	*38230	20530	*28020	12760	20660	8910			*17350	7540	(27.6)
-4.5 m	kg			*21770	20110	*15310	9650	*11270	6020					*8060	4890	7.05
(-15 ft)	lb			*47990	44330	*33750	21270	*24850	13270					*17770	10780	(23.1)
-6.0 m	kg					*11030	10360									
(-20 ft)	lb					*24320	22840									

6.5 m (21' 4") boom; 3.9 m (12' 10") arm equipped with 1.62 m³ (SAE heaped) bucket and 600 mm (24") triple grouser shoes.

Load point height m (ft)		Load radius												At max. reach		
		1.5 m (5 ft)		3.0 m (10 ft)		4.5 m (15 ft)		6.0 m (20 ft)		7.5 m (25 ft)		9.0 m (30 ft)		Capacity		Reach
																m (ft)
9.0 m	kg													*5120	4700	8.35
(30 ft)	lb													*11290	10360	(27.4)
7.5 m	kg													*5210	3480	9.44
(25 ft)	lb													*11490	7670	(31.0)
6.0 m	kg											*4810	3880	*5370	2800	10.17
(20 ft)	lb											*10600	8550	*11840	6170	(33.4)
4.5 m	kg									*6290	5450	*5900	3710	*5580	2390	10.62
(15 ft)	lb									*13870	12020	*13010	8180	*12300	5270	(34.8)
3.0 m	kg			*20290	*20290	*11890	*11890	*8840	7470	*7320	5020	*6480	3470	5260	2160	10.82
(10 ft)	lb			*44730	*44730	*26210	*26210	*19490	16470	*16140	11070	*14290	7650	11600	4760	(35.5)
1.5 m	kg			*10690	*10690	*15290	10520	*10670	6710	*8390	4590	*7100	3220	5180	2080	10.79
(5 ft)	lb			*23570	*23570	*33710	23190	*23520	14790	*18500	10120	*15650	7100	11420	4590	(35.4)
Ground	kg			*12110	*12110	*17390	9340	*12080	6150	*9290	4240	7050	3020	5330	2120	10.53
Line	lb			*26700	*26700	*38340	21250	*26630	13560	*20480	9350	15540	6660	11750	4670	(34.5)
-1.5 m	kg	*11600	*11600	*15390	*15390	*18190	9270	*12860	5830	9360	4020	6910	2890	5770	2340	10.02
(-5 ft)	lb	*25570	*25570	*33930	*33930	*40100	20440	*28350	12850	20640	8860	15230	6370	12720	5160	(32.9)
-3.0 m	kg	*15300	*15300	*19710	19120	*17910	9220	*12930	5730	9270	3950			6690	2800	9.21
(-10 ft)	lb	*33730	*33730	*43450	42150	*39480	20330	*28510	12630	20440	8710			14750	6170	(30.2)
-4.5 m	kg	*19590	*19590	*24400	19650	*16540	9420	*12090	5830	*9050	4050			*7560	3780	8.01
(-15 ft)	lb	*43190	*43190	*53790	43320	*36460	20770	*26650	12850	*19950	8930			*16670	8330	(26.3)
-6.0 m	kg			*19480	*19480	*13530	9910	*9650	6210					*7550	6380	6.14
(-20 ft)	lb			*42950	*42950	*29830	21850	*21270	13690					*16640	14070	(20.1)

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	●	
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"		●
6.5 m; 21' 4"	●	
Arms		
2.5 m; 8' 2"		●
3.2 m; 10' 6"	●	
3.9 m; 12' 10"		●
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 × 12 V × 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 (750 mm; 30")		●
Triple grouser shoes (800 mm; 32")		●
Triple grouser shoes (900 mm; 36")		●
Double grouser shoes (600 mm; 24")		●
Double grouser shoes (700 mm; 28")		●
Heavy duty grouser shoes (600 mm; 24")		●
Heavy duty grouser shoes (700 mm; 28")		●
Track rail guard	●	
Full 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.



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