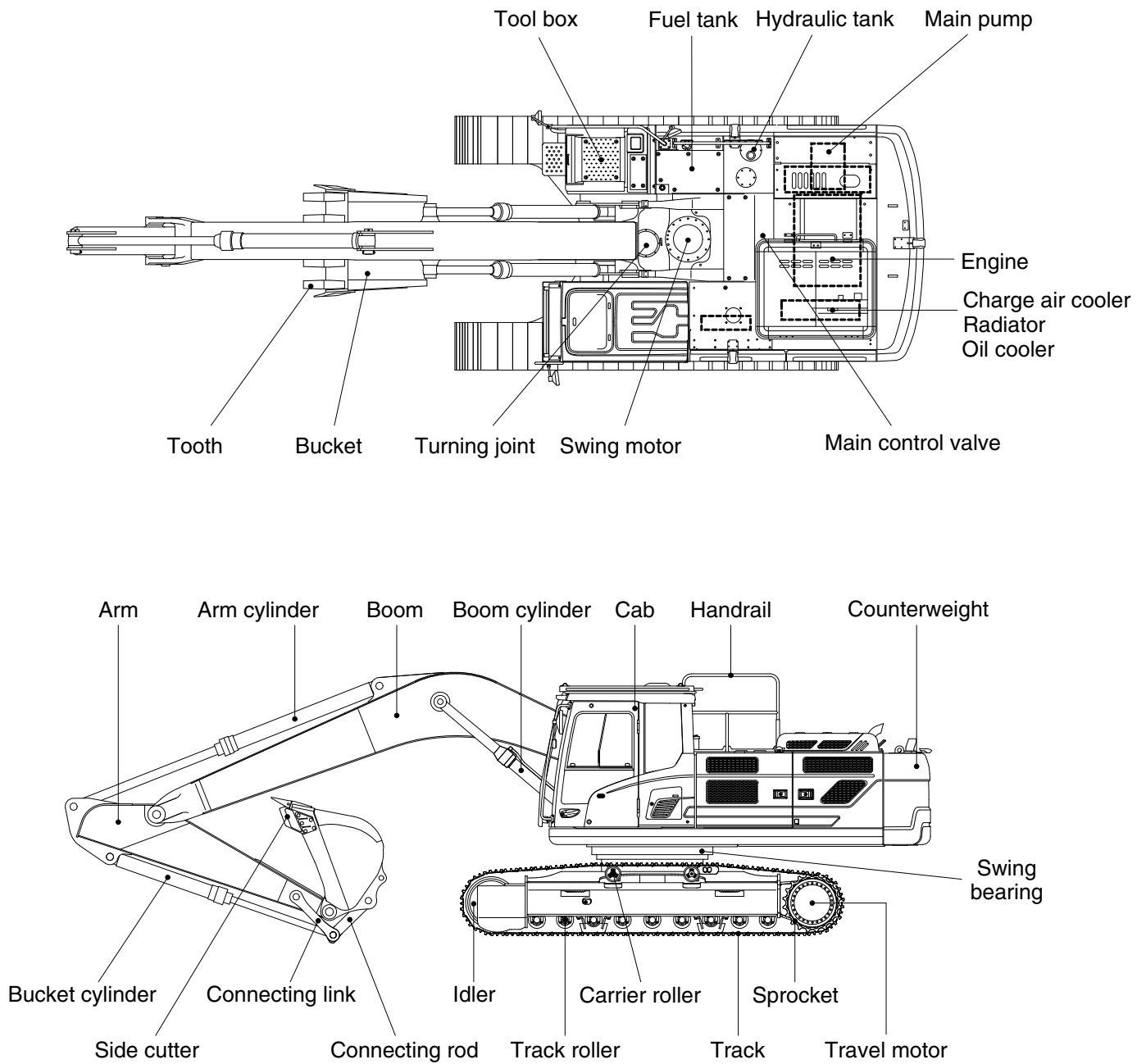


SPECIFICATIONS

1. MAJOR COMPONENT

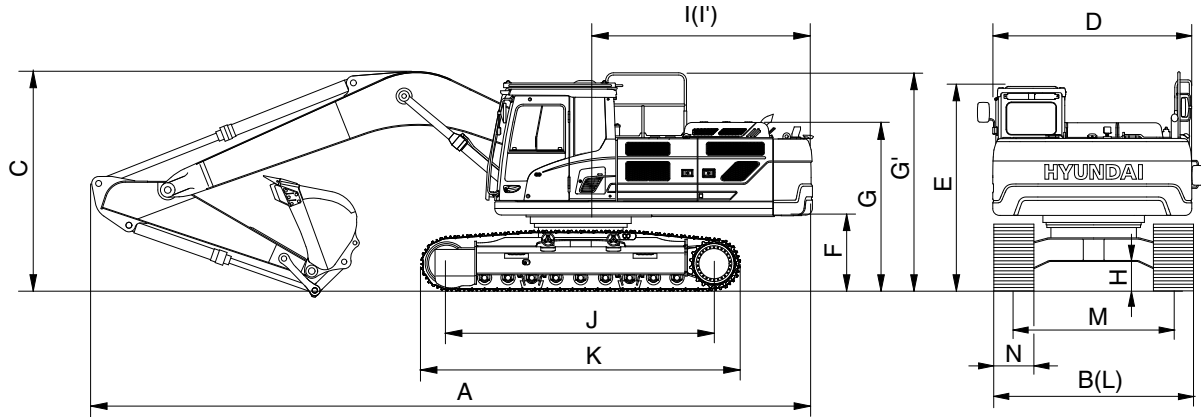


340S2SP01

2. SPECIFICATIONS

1) HX340S L

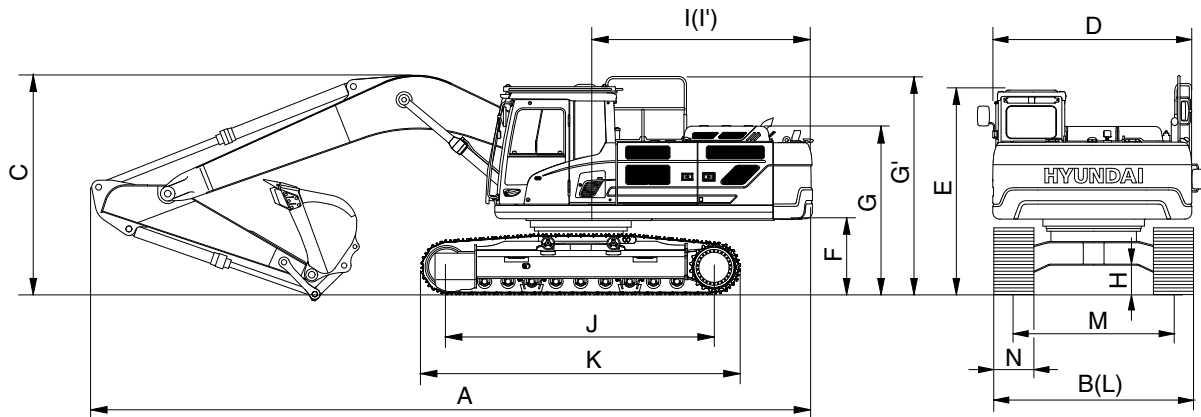
(1) 6.45 m (21' 2") boom and 3.20 m (10' 6") arm



330S2SP02

Description		Unit	Specification
Operating weight		kg (lb)	33000 (72750)
Bucket capacity (SAE heaped), standard		m ³ (yd ³)	1.44 (1.88)
Overall length	A	mm (ft-in)	11220 (36' 10")
Overall width, with 600 mm shoe	B		3280 (10' 9")
Overall height of boom	C		3360 (11' 0")
Superstructure width	D		2980 (9' 9")
Overall height of cab	E		3145 (10' 4")
Ground clearance of counterweight	F		1200 (3' 11")
Overall height of engine hood	G		2672 (8' 9")
Overall height of handrail	G'		3350 (11' 0")
Minimum ground clearance	H		500 (1' 8")
Rear-end distance	I		3510 (11' 6")
Rear-end swing radius	I'		3570 (11' 9")
Distance between tumblers	J		4030 (13' 3")
Undercarriage length	K		4940 (16' 2")
Undercarriage width	L		3280 (10' 9")
Track gauge	M		2680 (8' 10")
Track shoe width, standard	N		600 (24")
Travel speed (low/high)		km/hr (mph)	3.6/6.4 (2.11/3.98)
Swing speed		rpm	11.2
Gradeability		Degree (%)	35 (70)
Ground pressure (600 mm shoe)		kgf/cm ² (psi)	0.64 (9.03)
Max traction force		kg (lb)	29500 (65030)

(2) 6.15 m (20' 2") boom and 2.2 m (7' 3") arm

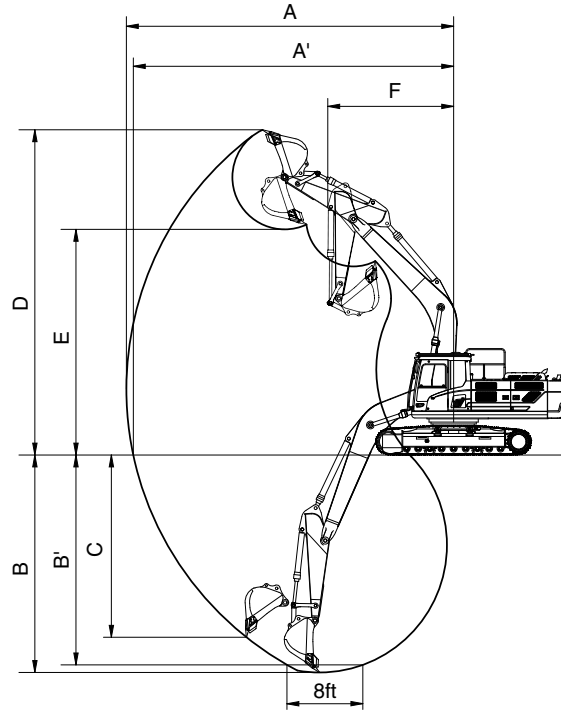


330S2SP02

Description		Unit	Specification
Operating weight		kg (lb)	32806 (72325)
Bucket capacity (SAE heaped), standard		m ³ (yd ³)	1.44 (1.88)
Overall length	A	mm (ft-in)	11170 (36' 8")
Overall width, with 600 mm shoe	B		3280 (10' 9")
Overall height of boom	C		3680 (12' 1")
Superstructure width	D		2980 (9' 9")
Overall height of cab	E		3145 (10' 4")
Ground clearance of counterweight	F		1200 (3' 11")
Overall height of engine hood	G		2672 (8' 9")
Overall height of handrail	G'		3350 (11' 0")
Minimum ground clearance	H		500 (1' 8")
Rear-end distance	I		3510 (11' 6")
Rear-end swing radius	I'		3570 (11' 9")
Distance between tumblers	J		4030 (13' 3")
Undercarriage length	K		4940 (16' 2")
Undercarriage width	L		3280 (10' 9")
Track gauge	M		2680 (8' 10")
Track shoe width, standard	N		600 (24")
Travel speed (low/high)		km/hr (mph)	3.6/6.4 (2.11/3.98)
Swing speed		rpm	11.2
Gradeability		Degree (%)	35 (70)
Ground pressure (600 mm shoe)		kgf/cm ² (psi)	0.63 (8.98)
Max traction force		kg (lb)	29500 (65030)

3. WORKING RANGE

1) HX340S L, GENERAL BUCKET

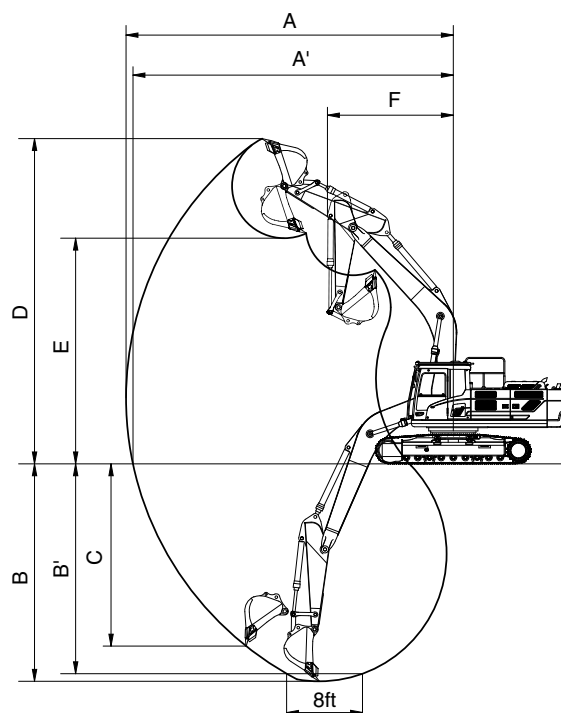


330S2SP05

Description	m (ft-in)	Boom	6.45 (21' 2")		
		Arm	2.50 (8' 2")	3.20 (10' 6")	4.05 (13' 3")
Max digging reach	mm (ft-in)	A	10500 (34' 5")	11150 (36' 7")	11950 (39' 2")
Max digging reach on ground		A'	10290 (33' 9")	10950 (35' 11")	11770 (38' 7")
Max digging depth		B	6660 (21' 10")	7360 (24' 2")	8210 (26' 11")
Max digging depth (8ft level)		B'	6450 (21' 2")	7200 (23' 7")	8080 (26' 6")
Max vertical wall digging depth		C	5660 (18' 7")	6330 (20' 9")	7240 (23' 9")
Max digging height		D	10050 (33' 0")	10360 (34' 0")	10780 (35' 4")
Max dumping height		E	6950 (22' 10")	7260 (23' 10")	7670 (25' 2")
Min swing radius		F	4440 (14' 7")	4360 (14' 4")	4290 (14' 1")
Bucket digging force	kN	SAE	187.3 [203.4]	188.3 [204.5]	189.3 [205.5]
	kgf		19100 [20740]	19200 [20850]	19300 [20950]
	lbf		42110 [45720]	42330 [45970]	42550 [46190]
	kN	ISO	215.7 [234.3]	216.7 [235.3]	217.7 [236.3]
	kgf		22000 [23890]	22100 [23990]	22200 [24100]
	lbf		48500 [52670]	48720 [52890]	48940 [53130]
Arm digging force	kN	SAE	175.5 [190.5]	140.2 [152.3]	118.7 [128.9]
	kgf		17900 [19430]	14300 [15530]	12100 [13140]
	lbf		39460 [42840]	31530 [34240]	26680 [28970]
	kN	ISO	184.4 [200.2]	145.1 [157.6]	123.6 [134.2]
	kgf		18800 [20410]	14800 [16070]	12600 [13680]
	lbf		41450 [45000]	32630 [35430]	27780 [30160]

[] : Power boost

2) HX340S L, HEAVY DUTY BUCKET



330S2SP05

Description	m (ft-in)	Boom	6.15 (20' 2")		6.45 (21' 2")	
		Arm	2.20 (7' 3")	2.50 (8' 2")	2.20 (7' 3")	2.50 (8' 2")
Max digging reach	mm (ft-in)	A	10020 (32'10")	10190 (33' 5")	10330 (33'11")	10500 (34' 5")
Max digging reach on ground		A'	9810 (32' 2")	9980 (32' 9")	10120 (33' 2")	10290 (33' 9")
Max digging depth		B	6150 (20' 2")	6450 (21' 2")	6360 (20'10")	6660 (21'10")
Max digging depth (8ft level)		B'	5950 (19' 6")	6230 (20' 5")	6170 (20' 3")	6450 (21' 2")
Max vertical wall digging depth		C	5700 (18' 8")	5420 (17' 9")	5970 (19' 7")	5660 (18' 7")
Max digging height		D	9980 (32' 9")	9760 (32' 0")	10260 (33' 8")	10050 (33' 0")
Max dumping height		E	6790 (22' 3")	6670 (21'11")	7060 (23' 2")	6950 (22'10")
Min swing radius		F	4450 (14' 7")	4290 (14' 1")	4630 (15' 2")	4440 (14' 7")
Bucket digging force	kN	SAE	200.1 [217.2]	187.3 [203.4]	200.1 [217.2]	187.3 [203.4]
	kgf		20400 [22150]	19100 [20740]	20400 [22150]	19100 [20740]
	lbf		44970 [48830]	42110 [45720]	44970 [48830]	42110 [45720]
	kN	ISO	230.5 [250.2]	215.7 [234.3]	230.5 [250.2]	215.7 [234.3]
	kgf		23500 [25510]	22000 [23890]	23500 [25510]	22000 [23890]
	lbf		51810 [56240]	48500 [52670]	51810 [56240]	48500 [52670]
Arm digging force	kN	SAE	220.7 [239.6]	198.1 [215.1]	220.7 [239.6]	198.1 [215.1]
	kgf		22500 [24430]	20200 [21930]	22500 [24430]	20200 [21930]
	lbf		49600 [53860]	44530 [48350]	49600 [53860]	44530 [48350]
	kN	ISO	231.4 [251.3]	207.9 [225.8]	231.4 [251.3]	207.9 [225.8]
	kgf		23600 [25620]	21200 [23020]	23600 [25620]	21200 [23020]
	lbf		52030 [56480]	46740 [50750]	52030 [56480]	46740 [50750]

[] : Power boost

4. WEIGHT

1) HX340S L

Item	HX340S L	
	kg	lb
Upperstructure assembly	15420	33995
Main frame weld assembly	3910	8620
Engine assembly	604	1332
Main pump assembly	201	443
Main control valve assembly	220	485
Swing motor assembly	370	820
Hydraulic oil tank assembly	300	661
Fuel tank assembly	350	772
Counterweight	6000	13230
Cab assembly	422	930
Radiator assy	230	510
Oil cooler assy	80	180
Lower chassis assembly	11500	25350
Track frame weld assembly	3970	8750
Swing bearing	470	1040
Travel motor assembly	440	970
Turning joint	54	119
Tension cylinder	225	496
Idler	250	551
Sprocket	83	183
Carrier roller	35	77
Track roller	56	123
Track-chain assembly (600 mm standard triple grouser shoe)	1880	4145
Front attachment assembly (6.45 m boom, 3.2 m arm, 1.44 m³ SAE heaped bucket)	6580	14510
6.45 m boom assembly	2560	5640
3.2 m arm assembly	1170	2580
1.44 m³ SAE heaped bucket	1230	2710
Boom cylinder assembly	305	670
Arm cylinder assembly	380	840
Bucket cylinder assembly	265	580
Bucket control linkage assembly	370	820

5. LIFTING CAPACITIES

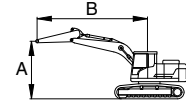
1) HX340S L

Unit : mm

Model	Boom	Boom	Arm	Counterweight	Shoe	Dozer		Outrigger	
	Type	Length	Length	Weight (kg)	Width	Front	Rear	Front	Rear
HX340S L	Mono	6450	2500	6000	600	-	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Load point height		Load radius								At max. reach		
		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach
												m (ft)
7.5m 24.6ft	kg lb									*8810 *19420	7590 16730	6.93 (22.7)
6.0m 19.7ft	kg lb					*9300 *20500	*9300 *20500	*8710 *19200	6590 14530	*8710 *19200	6020 13270	7.90 (25.9)
4.5m 14.8ft	kg lb			*13700 *30200	*13700 *30200	*10600 *23370	9030 19910	*9200 *20280	6410 14130	7870 17350	5240 11550	8.49 (27.9)
3.0m 9.8ft	kg lb					*12160 *26810	8520 18780	9370 20660	6170 13600	7330 16160	4840 10670	8.79 (28.8)
1.5m 4.9ft	kg lb					12800 28220	8110 17880	9130 20130	5950 13120	7180 15830	4720 10410	8.82 (28.9)
0.0m 0.0ft	kg lb			*15210 *33530	12000 26460	12550 27670	7900 17420	8980 19800	5810 12810	7400 16310	4840 10670	8.58 (28.2)
-1.5m -4.9ft	kg lb			*18300 *40340	12060 26590	12510 27580	7850 17310	8950 19730	5790 12760	8100 17860	5280 11640	8.06 (26.4)
-3.0m -9.8ft	kg lb	*21480 *47360	*21480 *47360	*16590 *36570	12270 27050	12640 27870	7970 17570			9680 21340	6270 13820	7.19 (23.6)
-4.5m -14.8ft	kg lb			*13240 *29190	12690 27980					*9980 *22000	8760 19310	5.80 (19.0)

※ Note

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 lift-point is bucket mounting pin on the arm (without bucket).
4. *indicates load limited by hydraulic capacity.

※ Lifting capacities are based upon a standard machine conditions.

Lifting capacities will vary with different work tools, ground conditions and attachments.

The difference between the weight of a work tool attachment must be subtracted.

Consult your HD Hyundai Construction Equipment dealer regarding the lifting capacities for specific work tools and attachments.

▲ Failure to comply to the rated load can cause possible personal injury or property damage.

Make adjustments to the rated load as necessary for non-standard configurations.

Unit : mm

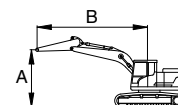
Model	Boom	Boom	Arm	Counterweight	Shoe	Dozer		Outrigger	
	Type	Length	Length	Weight (kg)	Width	Front	Rear	Front	Rear
HX340S L	Mono	6450	3200	6000	600	-	-	-	-



: Rating over-front



: Rating over-side or 360 degree



Load point height		Load radius										At max. reach		
		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		9.0 m (29.5 ft)		Capacity		Reach
														m (ft)
7.5m	kg							*6830	6790			*5610	*5610	7.74
24.6ft	lb							*15060	14970			*12370	*12370	(25.4)
6.0m	kg							*7850	6720			*5430	5270	8.62
19.7ft	lb							*17310	14820			*11970	11620	(28.3)
4.5m	kg			*11970	*11970	*9640	9230	*8500	6510	*6660	4810	*5450	4650	9.17
14.8ft	lb			*26390	*26390	*21250	20350	*18740	14350	*14680	10600	*12020	10250	(30.1)
3.0m	kg			*15500	13260	*11320	8690	*9370	6240	7090	4690	*5650	4330	9.44
9.8ft	lb			*34170	29230	*24960	19160	*20660	13760	15630	10340	*12460	9550	(31.0)
1.5m	kg			*17440	12360	*12820	8210	9170	5970	6950	4560	*6050	4220	9.47
4.9ft	lb			*38450	27250	*28260	18100	20220	13160	15320	10050	*13340	9300	(31.1)
0.0m	kg			*17250	11990	12580	7910	8960	5790	6860	4470	6590	4300	9.25
0.0ft	lb			*38030	26430	27730	17440	19750	12760	15120	9850	14530	9480	(30.4)
-1.5m	kg	*10800	*10800	*18850	11930	12440	7790	8870	5700			7100	4620	8.77
-4.9ft	lb	*23810	*23810	*41560	26300	27430	17170	19550	12570			15650	10190	(28.8)
-3.0m	kg	*17460	*17460	*17650	12060	12490	7830	8920	5750			8190	5320	7.98
-9.8ft	lb	*38490	*38490	*38910	26590	27540	17260	19670	12680			18060	11730	(26.2)
-4.5m	kg	*20530	*20530	*15150	12380	*11380	8060					*9570	6870	6.76
-14.8ft	lb	*45260	*45260	*33400	27290	*25090	17770					*21100	15150	(22.2)

Unit : mm

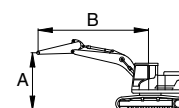
Model	Boom	Boom	Arm	Counterweight	Shoe	Dozer		Outrigger	
	Type	Length	Length	Weight (kg)	Width	Front	Rear	Front	Rear
HX340S L	Mono	6450	4050	6000	600	-	-	-	-



: Rating over-front



: Rating over-side or 360 degree



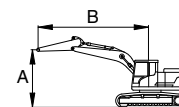
Load point height		Load radius												At max. reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		9.0 m (29.5 ft)		Capacity		Reach
																m (ft)
9.0m	kg									*4710	*4710			*4520	*4520	7.55
29.5ft	lb									*10380	*10380			*9960	*9960	(24.8)
7.5m	kg													*4190	*4190	8.72
24.6ft	lb													*9240	*9240	(28.6)
6.0m	kg									*6790	*6790	*5810	4970	*4060	*4060	9.50
19.7ft	lb									*14970	*14970	*12810	10960	*8950	*8950	(31.2)
4.5m	kg									*7530	6610	*7110	4860	*4070	4000	10.00
14.8ft	lb									*16600	14570	*15670	10710	*8970	8820	(32.8)
3.0m	kg					*13300	*13300	*10090	8870	*8510	6290	7110	4700	*4200	3750	10.25
9.8ft	lb					*29320	*29320	*22240	19550	*18760	13870	15670	10360	*9260	8270	(33.6)
1.5m	kg					*16510	12630	*11820	8290	9190	5980	6920	4520	*4450	3650	10.28
4.9ft	lb					*36400	27840	*26060	18280	20260	13180	15260	9960	*9810	8050	(33.7)
0.0m	kg			*6350	*6350	*18350	11980	12570	7880	8910	5720	6770	4380	*4870	3690	10.08
0.0ft	lb			*14000	*14000	*40450	26410	27710	17370	19640	12610	14930	9660	*10740	8140	(33.1)
-1.5m	kg	*6460	*6460	*9880	*9880	*18870	11730	12310	7650	8740	5570	6690	4300	*5560	3910	9.64
-4.9ft	lb	*14240	*14240	*21780	*21780	*41600	25860	27140	16870	19270	12280	14750	9480	*12260	8620	(31.6)
-3.0m	kg	*10370	*10370	*14460	*14460	*18330	11740	12260	7600	8700	5540			*6720	4380	8.92
-9.8ft	lb	*22860	*22860	*31880	*31880	*40410	25880	27030	16760	19180	12210			*14820	9660	(29.3)
-4.5m	kg	*15020	*15020	*20810	*20810	*16670	11950	12390	7720	8840	5670			8290	5340	7.86
-14.8ft	lb	*33110	*33110	*45880	*45880	*36750	26350	27320	17020	19490	12500			18280	11770	(25.8)
-6.0m	kg			*18330	*18330	*13230	12410	*9500	8090					*8840	7650	6.26
-19.7ft	lb			*40410	*40410	*29170	27360	*20940	17840					*19490	16870	(20.5)

Unit : mm

Model	Boom	Boom	Arm	Counterweight	Shoe	Dozer		Outrigger	
	Type	Length	Length	Weight (kg)	Width	Front	Rear	Front	Rear
HX340S L	Mono	6450	2500	6600	600	-	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



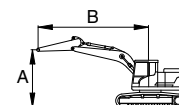
Load point height		Load radius								At max. reach		
		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach
												m (ft)
7.5m	kg									*8810	7970	6.93
24.6ft	lb									*19420	17570	(22.7)
6.0m	kg					*9300	*9300	*8710	6930	*8710	6340	7.90
19.7ft	lb					*20500	*20500	*19200	15280	*19200	13980	(25.9)
4.5m	kg			*13700	*13700	*10600	9480	*9200	6760	8230	5530	8.49
14.8ft	lb			*30200	*30200	*23370	20900	*20280	14900	18140	12190	(27.9)
3.0m	kg					*12160	8970	9800	6510	7670	5130	8.79
9.8ft	lb					*26810	19780	21610	14350	16910	11310	(28.8)
1.5m	kg					13390	8570	9550	6290	7520	5000	8.82
4.9ft	lb					29520	18890	21050	13870	16580	11020	(28.9)
0.0m	kg			*15210	12680	13140	8350	9400	6150	7750	5130	8.58
0.0ft	lb			*33530	27950	28970	18410	20720	13560	17090	11310	(28.2)
-1.5m	kg			*18300	12740	13090	8310	9380	6130	8480	5590	8.06
-4.9ft	lb			*40340	28090	28860	18320	20680	13510	18700	12320	(26.4)
-3.0m	kg	*21480	*21480	*16590	12940	*12720	8430			*10110	6630	7.19
-9.8ft	lb	*47360	*47360	*36570	28530	*28040	18580			*22290	14620	(23.6)
-4.5m	kg			*13240	*13240					*9980	9230	5.80
-14.8ft	lb			*29190	*29190					*22000	20350	(19.0)

Unit : mm

Model	Boom	Boom	Arm	Counterweight	Shoe	Dozer		Outrigger	
	Type	Length	Length	Weight (kg)	Width	Front	Rear	Front	Rear
HX340S L	Mono	6450	3200	6600	600	-	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Load point height		Load radius										At max. reach		
		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		9.0 m (29.5 ft)		Capacity		Reach
														m (ft)
7.5m 24.6ft	kg lb							*6830 *15060	*6830 *15060			*5610 *12370	*5610 *12370	7.74 (25.4)
6.0m 19.7ft	kg lb							*7800 *17200	7060 15560			*5430 *11970	*5430 *11970	8.62 (28.3)
4.5m 14.8ft	kg lb			*11900 *26230	*11900 *26230	*9580 *21120	*9580 *21120	*8430 *18580	6830 15060	*6660 *14680	5050 11130	*5450 *12020	4880 10760	9.17 (30.1)
3.0m 9.8ft	kg lb			*15380 *33910	13880 30600	*11230 *24760	9100 20060	*9280 *20460	6540 14420	7400 16310	4920 10850	*5650 *12460	4550 10030	9.44 (31.0)
1.5m 4.9ft	kg lb			*17450 *38470	12920 28480	*12700 *28000	8590 18940	9550 21050	6260 13800	7250 15980	4790 10560	*6050 *13340	4430 9770	9.47 (31.1)
0.0m 0.0ft	kg lb			*17260 *38050	12530 27620	13090 28860	8270 18230	9330 20570	6060 13360	7140 15740	4690 10340	*6720 *14820	4510 9940	9.25 (30.4)
-1.5m -4.9ft	kg lb	*10800 *23810	*10800 *23810	*18640 *41090	12460 27470	12940 28530	8140 17950	9230 20350	5970 13160			7390 16290	4840 10670	8.77 (28.8)
-3.0m -9.8ft	kg lb	*17460 *38490	*17460 *38490	*17440 *38450	12580 27730	12990 28640	8180 18030	9280 20460	6020 13270			8530 18810	5560 12260	7.98 (26.2)
-4.5m -14.8ft	kg lb	*20250 *44640	*20250 *44640	*14950 *32960	12910 28460	*11230 *24760	8410 18540					*9440 *20810	7180 15830	6.76 (22.2)

Unit : mm

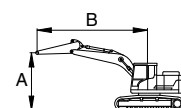
Model	Boom	Boom	Arm	Counterweight	Shoe	Dozer		Outrigger	
	Type	Length	Length	Weight (kg)	Width	Front	Rear	Front	Rear
HX340S L	Mono	6450	4050	6600	600	-	-	-	-



: Rating over-front



: Rating over-side or 360 degree



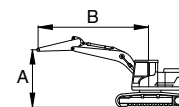
Load point height		Load radius												At max. reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		9.0 m (29.5 ft)		Capacity		Reach
																m (ft)
9.0m	kg									*4710	*4710			*4520	*4520	7.55
29.5ft	lb									*10380	*10380			*9960	*9960	(24.8)
7.5m	kg													*4190	*4190	8.72
24.6ft	lb													*9240	*9240	(28.6)
6.0m	kg									*6790	*6790	*5810	5240	*4060	*4060	9.50
19.7ft	lb									*14970	*14970	*12810	11550	*8950	*8950	(31.2)
4.5m	kg									*7530	6950	*7110	5130	*4070	*4070	10.00
14.8ft	lb									*16600	15320	*15670	11310	*8970	*8970	(32.8)
3.0m	kg					*13300	*13300	*10090	9320	*8510	6630	7440	4970	*4200	3980	10.25
9.8ft	lb					*29320	*29320	*22240	20550	*18760	14620	16400	10960	*9260	8770	(33.6)
1.5m	kg					*16510	13310	*11820	8750	*9500	6320	7260	4800	*4450	3880	10.28
4.9ft	lb					*36400	29340	*26060	19290	*20940	13930	16010	10580	*9810	8550	(33.7)
0.0m	kg			*6350	*6350	*18350	12660	*13100	8330	9330	6070	7100	4650	*4870	3930	10.08
0.0ft	lb			*14000	*14000	*40450	27910	*28880	18360	20570	13380	15650	10250	*10740	8660	(33.1)
-1.5m	kg	*6460	*6460	*9880	*9880	*18870	12410	12900	8110	9170	5920	7020	4580	*5560	4170	9.64
-4.9ft	lb	*14240	*14240	*21780	*21780	*41600	27360	28440	17880	20220	13050	15480	10100	*12260	9190	(31.6)
-3.0m	kg	*10370	*10370	*14460	*14460	*18330	12410	12840	8060	9130	5880			*6720	4660	8.92
-9.8ft	lb	*22860	*22860	*31880	*31880	*40410	27360	28310	17770	20130	12960			*14820	10270	(29.3)
-4.5m	kg	*15020	*15020	*20810	*20810	*16670	12620	*12500	8180	9270	6010			8690	5660	7.86
-14.8ft	lb	*33110	*33110	*45880	*45880	*36750	27820	*27560	18030	20440	13250			19160	12480	(25.8)
-6.0m	kg			*18330	*18330	*13230	13080	*9500	8550					*8840	8080	6.26
-19.7ft	lb			*40410	*40410	*29170	28840	*20940	18850					*19490	17810	(20.5)

Unit : mm

Model	Boom	Boom	Arm	Counterweight	Shoe	Dozer		Outrigger	
	Type	Length	Length	Weight (kg)	Width	Front	Rear	Front	Rear
HX340S L	Heavy duty	6150	2200	6600	600	-	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



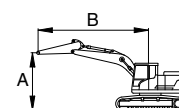
Load point height		Load radius								At max. reach		
		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach
												m (ft)
7.5m	kg					*9650	*9650			*9790	9210	6.31
24.6ft	lb					*21270	*21270			*21580	20300	(20.7)
6.0m	kg					*9850	*9850			*9550	7070	7.36
19.7ft	lb					*21720	*21720			*21050	15590	(24.2)
4.5m	kg					*10990	9530	*9690	6760	9060	6080	8.00
14.8ft	lb					*24230	21010	*21360	14900	19970	13400	(26.2)
3.0m	kg					*12440	9040	9850	6550	8390	5600	8.31
9.8ft	lb					*27430	19930	21720	14440	18500	12350	(27.3)
1.5m	kg					13510	8650	9630	6350	8220	5460	8.34
4.9ft	lb					29780	19070	21230	14000	18120	12040	(27.4)
0.0m	kg					13270	8450	9510	6230	8530	5640	8.10
0.0ft	lb					29260	18630	20970	13730	18810	12430	(26.6)
-1.5m	kg			*18180	12900	13250	8430	9540	6270	9480	6230	7.54
-4.9ft	lb			*40080	28440	29210	18580	21030	13820	20900	13730	(24.7)
-3.0m	kg	*20780	*20780	*16060	13140	*12120	8610			*10470	7620	6.59
-9.8ft	lb	*45810	*45810	*35410	28970	*26720	18980			*23080	16800	(21.6)

Unit : mm

Model	Boom	Boom	Arm	Counterweight	Shoe	Dozer		Outrigger	
	Type	Length	Length	Weight (kg)	Width	Front	Rear	Front	Rear
HX340S L	Heavy duty	6150	2500	6600	600	-	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



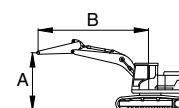
Load point height		Load radius								At max. reach		
		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach
												m (ft)
7.5m	kg					*9030	*9030			*9160	8800	6.53
24.6ft	lb					*19910	*19910			*20190	19400	(21.4)
6.0m	kg					*9380	*9380	*9020	6920	*9030	6840	7.55
19.7ft	lb					*20680	*20680	*19890	15260	*19910	15080	(24.8)
4.5m	kg			*13270	*13270	*10570	9600	*9340	6790	8780	5890	8.17
14.8ft	lb			*29260	*29260	*23300	21160	*20590	14970	19360	12990	(26.8)
3.0m	kg					*12080	9080	9870	6560	8140	5430	8.48
9.8ft	lb					*26630	20020	21760	14460	17950	11970	(27.8)
1.5m	kg					*13360	8660	9620	6330	7970	5280	8.51
4.9ft	lb					*29450	19090	21210	13960	17570	11640	(27.9)
0.0m	kg			*19170	12750	13240	8420	9470	6190	8230	5430	8.27
0.0ft	lb			*42260	28110	29190	18560	20880	13650	18140	11970	(27.1)
-1.5m	kg	*15260	*15260	*18450	12780	13180	8360	9450	6180	9080	5960	7.72
-4.9ft	lb	*33640	*33640	*40680	28180	29060	18430	20830	13620	20020	13140	(25.3)
-3.0m	kg	*22130	*22130	*16600	12990	*12550	8490			*10580	7190	6.81
-9.8ft	lb	*48790	*48790	*36600	28640	*27670	18720			*23320	15850	(22.3)
-4.5m	kg			*12670	*12670					*10370	*10370	5.31
-14.8ft	lb			*27930	*27930					*22860	*22860	(17.4)

Unit : mm

Model	Boom	Boom	Arm	Counterweight	Shoe	Dozer		Outrigger	
	Type	Length	Length	Weight (kg)	Width	Front	Rear	Front	Rear
HX340S L	Heavy duty	6450	2200	6600	600	-	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



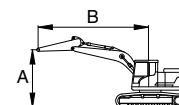
Load point height		Load radius								At max. reach		
		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach
												m (ft)
7.5m 24.6ft	kg lb					*9180 *20240	*9180 *20240			*9300 *20500	8290 18280	6.71 (22.0)
6.0m 19.7ft	kg lb					*9660 *21300	*9660 *21300	*9060 *19970	6840 15080	*9090 *20040	6510 14350	7.71 (25.3)
4.5m 14.8ft	kg lb					*10910 *24050	9380 20680	*9420 *20770	6680 14730	8440 18610	5640 12430	8.32 (27.3)
3.0m 9.8ft	kg lb					*12390 *27320	8850 19510	9740 21470	6440 14200	7850 17310	5220 11510	8.62 (28.3)
1.5m 4.9ft	kg lb					13290 29300	8460 18650	9500 20940	6220 13710	7700 16980	5090 11220	8.65 (28.4)
0.0m 0.0ft	kg lb					13070 28810	8260 18210	9360 20640	6100 13450	7960 17550	5240 11550	8.41 (27.6)
-1.5m -4.9ft	kg lb			*17750 *39130	12670 27930	13050 28770	8250 18190	9370 20660	6100 13450	8770 19330	5750 12680	7.88 (25.8)
-3.0m -9.8ft	kg lb	*19890 *43850	*19890 *43850	*15830 *34900	12910 28460	*12210 *26920	8410 18540			*9890 *21800	6910 15230	6.98 (22.9)
-4.5m -14.8ft	kg lb			*12030 *26520	*12030 *26520					*9280 *20460	*9280 *20460	5.54 (18.2)

Unit : mm

Model	Boom	Boom	Arm	Counterweight	Shoe	Dozer		Outrigger	
	Type	Length	Length	Weight (kg)	Width	Front	Rear	Front	Rear
HX340S L	Heavy duty	6450	2500	6600	600	-	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Load point height		Load radius								At max. reach		
		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach
												m (ft)
7.5m 24.6ft	kg lb									*8730 *19250	7950 17530	6.93 (22.7)
6.0m 19.7ft	kg lb					*9230 *20350	*9230 *20350	*8630 *19030	6900 15210	*8620 *19000	6300 13890	7.90 (25.9)
4.5m 14.8ft	kg lb			*13590 *29960	*13590 *29960	*10510 *23170	9450 20830	*9110 *20080	6710 14790	8190 18060	5480 12080	8.49 (27.9)
3.0m 9.8ft	kg lb					*12030 *26520	8900 19620	9750 21500	6450 14220	7620 16800	5060 11160	8.79 (28.8)
1.5m 4.9ft	kg lb					*13260 *29230	8460 18650	9490 20920	6210 13690	7460 16450	4930 10870	8.82 (28.9)
0.0m 0.0ft	kg lb			*17240 *38010	12480 27510	13030 28730	8220 18120	9320 20550	6060 13360	7690 16950	5050 11130	8.58 (28.2)
-1.5m -4.9ft	kg lb			*18050 *39790	12540 27650	12980 28620	8180 18030	9290 20480	6030 13290	8410 18540	5500 12130	8.06 (26.4)
-3.0m -9.8ft	kg lb	*21280 *46910	*21280 *46910	*16340 *36020	12750 28110	*12540 *27650	8300 18300			*9960 *21960	6530 14400	7.19 (23.6)
-4.5m -14.8ft	kg lb			*13020 *28700	*13020 *28700					*9810 *21630	9120 20110	5.80 (19.0)

6. BUCKET SELECTION GUIDE

1) 6000 KG COUNTERWEIGHT



General bucket



Heavy duty
(without side cutter)



Rock heavy duty

Type	Capacity		Width	Weight	Tooth	MONO						
	Recommendation											
	SAE Heaped	CECE heaped	Without side cutter			6.15 m (20' 2") Boom	6.45 m (21' 2") Boom			6.45 m (21' 2") Boom (HD)		
							2.20 m (7' 3") Arm	2.50 m (8' 2") Arm	2.50 m (8' 2") Arm	3.20 m (10' 6") Arm	4.05 m (13' 3") Arm	2.20 m (7' 3") Arm
m³ (yd³)	m³ (yd³)	mm (in)	kg (lb)	EA								
General bucket	1.44 (1.88)	1.25 (1.63)	1,380 (54.3")	1,150 (2,540)	5	●	●	●	●	■	●	●
	1.74 (2.28)	1.50 (1.96)	1,620 (63.8")	1,260 (2,780)	6	●	●	◐	■	▲	◐	◐
	2.10 (2.75)	1.80 (2.35)	1,910 (75.2")	1,640 (3,620)	6	■	■	■	▲	X	■	■
Heavy duty	1.44 (1.88)	1.25 (1.63)	1,470 (57.9")	1,520 (3,350)	5	●	●	●	◐	■	●	●
	1.90 (2.49)	1.65 (2.16)	1,600 (63.0")	1,780 (3,920)	5	◐	◐	■	▲	X	■	■
	2.30 (3.01)	2.02 (2.64)	1,750 (68.9")	1,915 (4,220)	5	■	▲	▲	-	-	▲	▲
Rock heavy duty	1.44 (1.88)	1.25 (1.63)	1,470 (57.9")	1,600 (3,530)	5	●	●	●	◐	-	●	●
	1.60 (2.09)	1.39 (1.82)	1,585 (62.4")	1,680 (3,700)	5	●	●	◐	■	-	◐	◐
	1.73 (2.26)	1.50 (1.96)	1,710 (67.3")	1,750 (3,860)	5	◐	◐	◐	■	-	◐	◐
	1.83 (2.39)	1.59 (2.08)	1,765 (69.5")	1,850 (4,080)	5	◐	◐	■	▲	-	■	■
	1.90 (2.49)	1.65 (2.16)	1,600 (63.0")	1,980 (4,370)	5	◐	■	■	▲	-	■	■

●	Applicable for materials with density of 2100 kg/m ³ (3500 lb/yd ³) or less
◐	Applicable for materials with density of 1800 kg/m ³ (3000 lb/yd ³) or less
■	Applicable for materials with density of 1500 kg/m ³ (2500 lb/yd ³) or less
▲	Applicable for materials with density of 1200 kg/m ³ (2000 lb/yd ³) or less
X	Not recommended
-	Not available

※ These recommendations are for general conditions and average use.

Work tools and ground conditions have effects on machine performance.

Select an optimum combination according to the working conditions and the type of work that is being done.

Consult with your local HD Hyundai Construction Equipment dealer for information on selecting the correct boom—arm—bucket combination.

2) 6600 KG COUNTERWEIGHT



General bucket



Heavy duty
(without side cutter)



Rock heavy duty

Type	Capacity		Width	Weight	Tooth	MONO						
	Recommendation											
	SAE Heaped	CECE heaped	Without side cutter			6.15 m (20' 2") Boom		6.45 m (21' 2") Boom		6.45 m (21' 2") Boom (HD)		
						2.20 m (7' 3") Arm	2.50 m (8' 2") Arm	2.50 m (8' 2") Arm	3.20 m (10' 6") Arm	4.05 m (13' 3") Arm	2.20 m (7' 3") Arm	2.50 m (8' 2") Arm
General bucket	1.44 (1.88)	1.25 (1.63)	1,380 (54.3")	1,150 (2,540)	5	●	●	●	●	◐	●	●
	1.74 (2.28)	1.50 (1.96)	1,620 (63.8")	1,260 (2,780)	6	●	●	●	◐	■	●	●
	2.10 (2.75)	1.80 (2.35)	1,910 (75.2")	1,640 (3,620)	6	◐	◐	■	▲	X	■	■
Heavy duty	1.44 (1.88)	1.25 (1.63)	1,470 (57.9")	1,520 (3,350)	5	●	●	●	●	■	●	●
	1.90 (2.49)	1.65 (2.16)	1,600 (63.0")	1,780 (3,920)	5	◐	◐	◐	■	▲	◐	■
	2.30 (3.01)	2.02 (2.64)	1,750 (68.9")	1,915 (4,220)	5	■	■	▲	-	-	▲	▲
Rock heavy duty	1.44 (1.88)	1.25 (1.63)	1,470 (57.9")	1,600 (3,530)	5	●	●	●	●	-	●	●
	1.60 (2.09)	1.39 (1.82)	1,585 (62.4")	1,680 (3,700)	5	●	●	●	◐	-	●	●
	1.73 (2.26)	1.50 (1.96)	1,710 (67.3")	1,750 (3,860)	5	●	●	◐	■	-	◐	◐
	1.83 (2.39)	1.59 (2.08)	1,765 (69.5")	1,850 (4,080)	5	◐	◐	◐	■	-	◐	◐
	1.90 (2.49)	1.65 (2.16)	1,600 (63.0")	1,980 (4,370)	5	◐	◐	■	▲	-	■	■

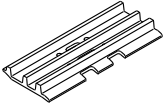
●	Applicable for materials with density of 2100 kg/m ³ (3500 lb/yd ³) or less
◐	Applicable for materials with density of 1800 kg/m ³ (3000 lb/yd ³) or less
■	Applicable for materials with density of 1500 kg/m ³ (2500 lb/yd ³) or less
▲	Applicable for materials with density of 1200 kg/m ³ (2000 lb/yd ³) or less
X	Not recommended
-	Not available

7. UNDERCARRIAGE

1) TRACKS

X-leg type center frame is integrally welded with reinforced box-section track frames. The design includes dry tracks, lubricated rollers, idlers, sprockets, hydraulic track adjusters with shock absorbing springs and assembled track-type tractor shoes with triple grousers.

2) TYPES OF SHOES

Model	Shapes		Triple grouser		
					
HX340S L	Shoe width	mm (in)	600 (24)	700 (28)	800 (32)
	Operating weight	kg (lb)	33000 (72750)	33570 (74010)	33950 (74850)
	Ground pressure	kgf/cm ² (psi)	0.64 (9.03)	0.55 (7.88)	0.49 (6.97)
	Overall width	mm (ft-in)	3280 (10' 9")	3380 (11' 1")	3480 (11' 5")

3) NUMBER OF ROLLERS AND SHOES ON EACH SIDE

Item	Quantity
Carrier rollers	2EA
Track rollers	9EA
Track shoes	48EA

4) SELECTION OF TRACK SHOE

Suitable track shoes should be selected according to operating conditions.

Method of selecting shoes

Confirm the category from the list of applications in **table 2**, then use **table 1** to select the shoe. Wide shoes (categories B and C) have limitations on applications. Before using wide shoes, check the precautions, then investigate and study the operating conditions to confirm if these shoes are suitable.

Select the narrowest shoe possible to meet the required flotation and ground pressure. Application of wider shoes than recommendations will cause unexpected problem such as bending of shoes, crack of link, breakage of pin, loosening of shoe bolts and the other various problems.

※ **Table 1**

Track shoe	Specification	Category
600 mm triple grouser	Standard	A
700 mm triple grouser	Option	B
800 mm triple grouser	Option	C

※ **Table 2**

Category	Applications	Applications
A	Rocky ground, river beds, normal soil	· Travel at low speed on rough ground with large obstacles such as boulders or fallen trees or a wide range of general civil engineering work
B	Normal soil, soft ground	· These shoes cannot be used on rough ground with large obstacles such as boulders or fallen trees · Travel at high speed only on flat ground · Travel slowly at low speed if it is impossible to avoid going over obstacles
C	Extremely soft ground (swampy ground)	· Use the shoes only in the conditions that the machine sinks and it is impossible to use the shoes of category A or B · These shoes cannot be used on rough ground with large obstacles such as boulders or fallen trees · Travel at high speed only on flat ground · Travel slowly at low speed if it is impossible to avoid going over obstacles

8. SPECIFICATIONS FOR MAJOR COMPONENTS

1) ENGINE

Item	Specification
Model	HD Hyundai Construction Equipment / HM8.3
Type	4-cycle, turbocharged, charger air cooled, mechanical controlled diesel engine
Cooling method	Water cooled
Number of cylinders and arrangement	6 cylinders, in-line
Firing order	1-5-3-6-2-4
Combustion chamber type	Direct injection type
Cylinder bore × stroke	114 × 135 mm (4.49" × 5.31")
Piston displacement	8.3 ℓ (506 cu in)
Compression ratio	18 : 1
Gross power	260 Hp (194 kW) at 2200 rpm
Net power	255 Hp (190 kW) at 2200 rpm
Max. power	261 Hp (195 kW) at 2200 rpm
Maximum torque	1150 N·m (848 lbf·ft) at 1300 rpm
Engine oil quantity	26.5 ℓ (7.0 U.S. gal)
Wet weight	604 kg (1332 lb)
Starting motor	24 V-7.5 kW
Alternator	24 V-90A

2) MAIN PUMP

Item	Specification
Type	Variable displacement tandem axis piston pumps
Capacity	2 × 175 cc/rev
Rated oil flow	2 × 306 ℓ /min (80.8 U.S. gpm / 67.3 U.K. gpm)
Rated speed	1750 rpm

3) GEAR PUMP

Item	Specification
Type	Fixed displacement gear pump single stage
Capacity	15cc/rev
Maximum pressure	40 kgf/cm ² (570 psi)
Rated oil flow	26.3 ℓ /min (6.9 U.S. gpm/5.8 U.K. gpm)

4) MAIN CONTROL VALVE

Item	Specification
Type	10 spools
Operating method	Hydraulic pilot system
Main relief valve pressure	350 kgf/cm ² (4980 psi) [380 kgf/cm ² (5400 psi)]
Overload relief valve pressure	400 kgf/cm ² (5690 psi)

[]: Power boost

5) SWING MOTOR

Item	Specification
Type	Axial piston motor
Capacity	156.9 cc/rev
Relief pressure	300 kgf/cm ² (4270 psi)
Braking system	Automatic, spring applied hydraulic released
Braking torque	84.4 kgf · m (610 lbf · ft)
Brake release pressure	36.5 kgf/cm ² (519 psi)
Reduction gear type	2 - stage planetary

6) TRAVEL MOTOR

Item	Specification
Type	Variable displacement axial piston motor
Relief pressure	350 kgf/cm ² (4980 psi)
Capacity (max / min)	282.6/156.9 cc/rev
Reduction gear type	2-stage planetary
Braking system	Automatic, spring applied hydraulic released
Brake release pressure	17 kgf/cm ² (242 psi)
Braking torque	134 kgf · m (969 lbf · ft)

7) CYLINDER

Item		Specification
Boom cylinder	Bore dia × Rod dia × Stroke	Ø 150 × Ø 105 × 1480 mm
	Cushion	Extend only
Arm cylinder	Bore dia × Rod dia × Stroke	Ø 160 × Ø 110 × 1685 mm Ø 170 × Ø 115 × 1685 mm (Heavy duty boom only)
	Cushion	Extend and retract
Bucket cylinder	Bore dia × Rod dia × Stroke	Ø 140 × Ø 100 × 1285 mm Ø 145 × Ø 105 × 1285 mm (2.2 m arm only)
	Cushion	Extend only

※ Discoloration of cylinder rod can occur when the friction reduction additive of lubrication oil spreads on the rod surface.

※ Discoloration does not cause any harmful effect on the cylinder performance.

8) SHOE

Item		Width	Ground pressure	Link quantity	Overall width
HX340S L	Standard	☆ 600 mm (24")	0.64 kgf/cm ² (9.03 psi)	48	3280 mm (10' 9")
	Option	☆ 700 mm (28")	0.55 kgf/cm ² (7.88 psi)	48	3380 mm (11' 1")
		☆ 800 mm (32")	0.49 kgf/cm ² (6.97 psi)	48	3480 mm (11' 5")

☆ : Triple grouser

9. RECOMMENDED OILS

HD Hyundai Construction Equipment genuine lubricating oils have been developed to offer the best performance and service life for your equipment. These oils have been tested according to the specifications of HD Hyundai Construction Equipment and, therefore, will meet the highest safety and quality requirements.

We recommend that you use only HD Hyundai Construction Equipment genuine lubricating oils and grease officially approved by HD Hyundai Construction Equipment.

Service point	Kind of fluid	Capacity ℓ (U.S. gal)	Ambient temperature °C (°F)							
			-50 (-58)	-30 (-22)	-20 (-4)	-10 (14)	0 (32)	10 (50)	20 (68)	30 (86)
Engine oil pan	Engine oil★1	26.5 (7.0)	★SAE 0W-40							
			★SAE 0W-30							
			SAE 5W-30							
			SAE 10W-30							
			SAE 15W-40							
Swing drive	Gear oil	11 (2.91)	★SAE 75W-90							
Final drive		7.8×2 (2.1×2)	SAE 80W-90							
Hydraulic tank	Hydraulic oil	Tank : 210 (55.5)	★ISO VG 15							
		System : 414 (109.4)	ISO VG 32							
			ISO VG 46, HBHO VG 46★3							
			ISO VG 68							
Fuel tank	Diesel fuel	600 (158.5)	★ASTM D975 NO.1							
			ASTM D975 NO.2							
Fitting (grease nipple)	Grease	As required	★NLGI NO.1							
			NLGI NO.2							
Radiator (reservoir tank)	Mixture of antifreeze and soft water★2	27 (7.1)	Ethylene glycol base permanent type (50 : 50)							
			★Ethylene glycol base permanent type (60 : 40)							

SAE : Society of Automotive Engineers

API : American Petroleum Institute

ISO : International Organization for Standardization

NLGI : National Lubricating Grease Institute

ASTM : American Society of Testing and Material

★ : Cold region

Russia, CIS, Mongolia

★¹ : Meet or exceeds API CH-4 grade

★² : Soft water

City water or distilled water

★³ : HD Hyundai Construction Equipment
Bio Hydraulic Oil

※ Using any lubricating oils other than HD Hyundai Construction Equipment genuine products may lead to a deterioration of performance and cause damage to major components.

※ Do not mix HD Hyundai Construction Equipment genuine oil with any other lubricating oil as it may result in damage to the systems of major components.

※ Do not use any engine oil other than that specified above.

※ For HD Hyundai Construction Equipment genuine lubricating oils and grease for use in regions with extremely low temperatures, please contact HD Hyundai Construction Equipment dealers.