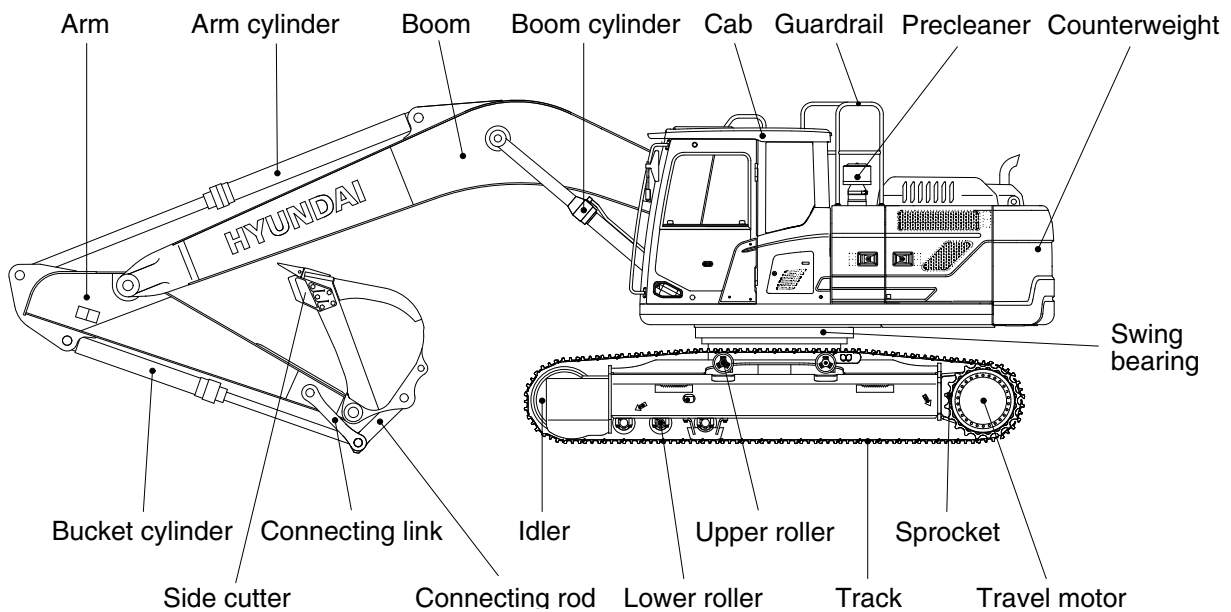
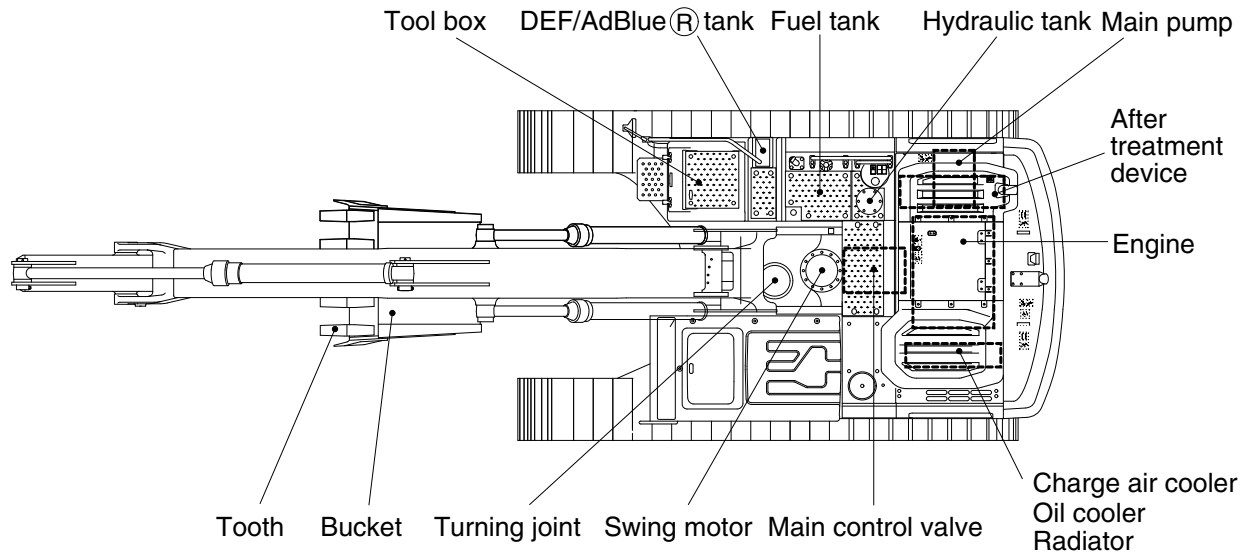


SPECIFICATIONS

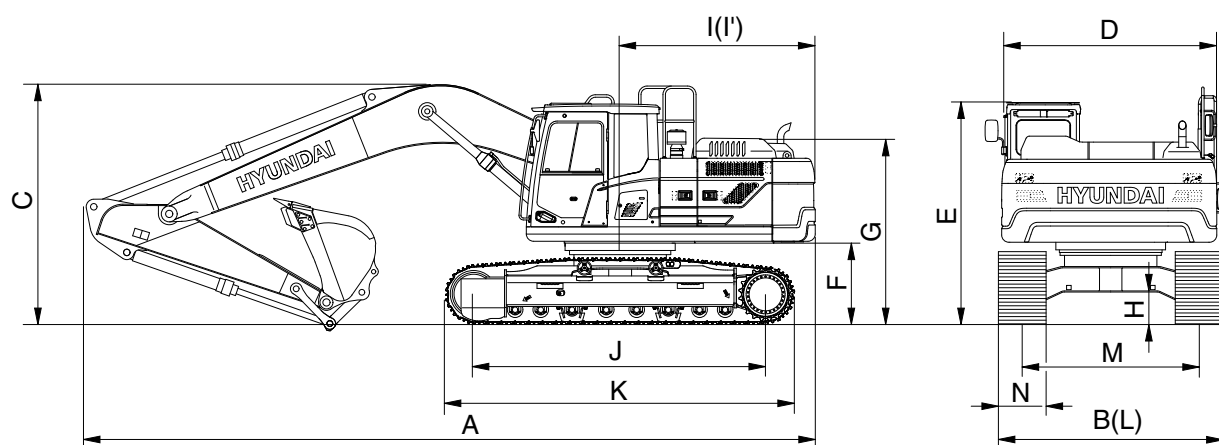
1. MAJOR COMPONENT



220A2SP01B

2. SPECIFICATIONS

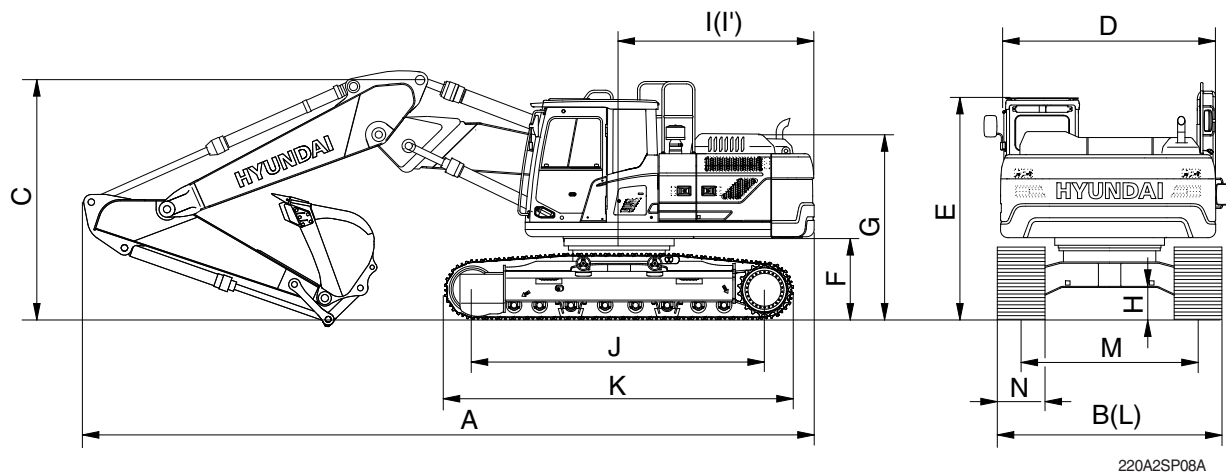
1) HX220A L, MONO BOOM



220A2SP02A

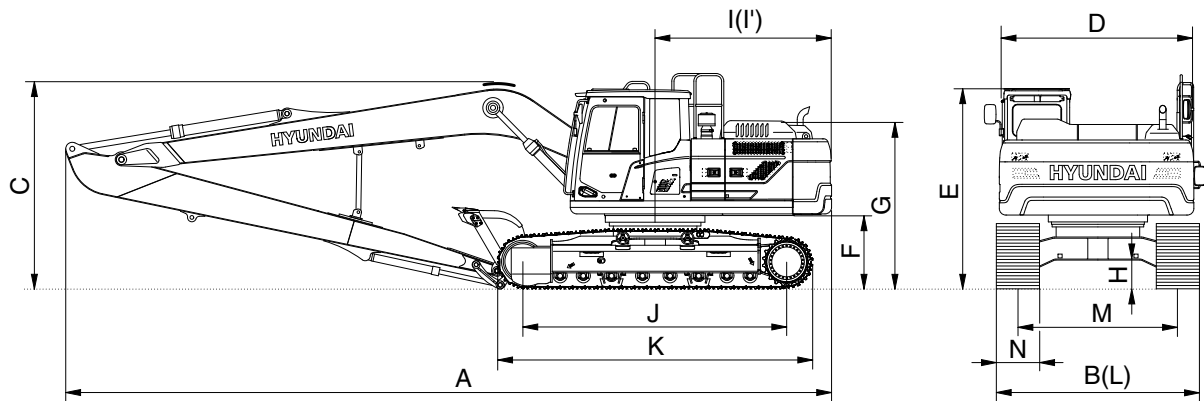
Description		Unit		Specification			
		m (ft-in)	Boom	5.70 (18' 8")			
			Arm	2.90 (9' 6")	2.00 (6' 7")	2.40 (7' 10")	3.50 (11' 6")
		mm (in)	Shoe	600 (24)			
Operating weight		kg (lb)		22280 (49120)	22130 (48790)	22190 (48920)	22510 (49630)
Bucket capacity (SAE heaped), standard		m ³ (yd ³)		0.92 (1.2)	0.92 (1.2)	0.92 (1.2)	0.92 (1.2)
Overall length	A	mm (ft-in)		9550 (31' 4")	9620 (31' 7")	9575 (31' 5")	9560 (31' 4")
Overall width	B			2990 (9' 10")	2990 (9' 10")	2990 (9' 10")	2990 (9' 10")
Overall height of boom	C			2960 (9' 9")	3115 (10' 3")	3020 (9' 11")	3320 (10' 11")
Superstructure width	D			2740 (9' 0")	2740 (9' 0")	2740 (9' 0")	2740 (9' 0")
Overall height of cab	E			3035 (9' 11")	3035 (9' 11")	3035 (9' 11")	3035 (9' 11")
Ground clearance of counterweight	F			1115 (3' 8")	1115 (3' 8")	1115 (3' 8")	1115 (3' 8")
Overall height of engine hood	G			2520 (8' 3")	2520 (8' 3")	2520 (8' 3")	2520 (8' 3")
Overall height of guardrail	G'			3245 (10' 8")	3245 (10' 8")	3245 (10' 8")	3245 (10' 8")
Minimum ground clearance	H			475 (1' 7")	475 (1' 7")	475 (1' 7")	475 (1' 7")
Rear-end distance	I			2770 (9' 1")	2770 (9' 1")	2770 (9' 1")	2770 (9' 1")
Rear-end swing radius	I'			2890 (9' 6")	2890 (9' 6")	2890 (9' 6")	2890 (9' 6")
Distance between tumblers	J			3650 (12' 0")	3650 (12' 0")	3650 (12' 0")	3650 (12' 0")
Undercarriage length	K			4395 (14' 5")	4395 (14' 5")	4395 (14' 5")	4395 (14' 5")
Undercarriage width	L			2990 (9' 10")	2990 (9' 10")	2990 (9' 10")	2990 (9' 10")
Track gauge	M			2390 (7' 10")	2390 (7' 10")	2390 (7' 10")	2390 (7' 10")
Track shoe width, standard	N			600 (24")	600 (24")	600 (24")	600 (24")
Travel speed (low/high)		km/hr (mph)		3.5/5.4 (2.2/3.4)	3.5/5.4 (2.2/3.4)	3.5/5.4 (2.2/3.4)	3.5/5.4 (2.2/3.4)
Swing speed		rpm		11.4	11.4	11.4	11.4
Gradeability		Degree (%)		35 (70)	35 (70)	35 (70)	35 (70)
Ground pressure		kgf/cm ² (psi)		0.48 (6.76)	0.47 (6.72)	0.47 (6.74)	0.48 (6.83)
Max traction force		kg (lb)		20830 (45922)	20830 (45922)	20830 (45922)	20830 (45922)

2) HX220A L, 2-PIECE BOOM



Description		Unit		Specification		
		m (ft-in)	Boom	5.87 (19' 3")		
			Arm	2.90 (9' 6")	2.00 (6' 7")	2.40 (7' 10")
		mm (in)	Shoe	600 (24)	600 (24)	600 (24)
Operating weight		kg (lb)		22990 (50680)	22840 (50350)	22900 (50490)
Bucket capacity (SAE heaped), standard		m³ (yd³)		0.92 (1.2)	0.92 (1.2)	0.92 (1.2)
Overall length	A	mm (ft-in)		9715 (31' 10")	9750 (32' 0")	9725 (31' 11")
Overall width	B			2990 (9' 10")	2990 (9' 10")	2990 (9' 10")
Overall height of boom	C			3035 (9' 11")	3010 (9' 11")	3015 (9' 11")
Superstructure width	D			2740 (9' 0")	2740 (9' 0")	2740 (9' 0")
Overall height of cab	E			3035 (9' 11")	3035 (9' 11")	3035 (9' 11")
Ground clearance of counterweight	F			1115 (3' 8")	1115 (3' 8")	1115 (3' 8")
Overall height of engine hood	G			2520 (8' 3")	2520 (8' 3")	2520 (8' 3")
Overall height of guardrail	G'			3245 (10' 6")	3245 (10' 6")	3245 (10' 6")
Minimum ground clearance	H			475 (1' 7")	475 (1' 7")	475 (1' 7")
Rear-end distance	I			2770 (9' 1")	2770 (9' 1")	2770 (9' 1")
Rear-end swing radius	I'			2890 (9' 6")	2890 (9' 6")	2890 (9' 6")
Distance between tumblers	J			3650 (12' 0")	3650 (12' 0")	3650 (12' 0")
Undercarriage length	K			1395 (14' 5")	1395 (14' 5")	1395 (14' 5")
Undercarriage width	L			2990 (9' 10")	2990 (9' 10")	2990 (9' 10")
Track gauge	M			2390 (7' 10")	2390 (7' 10")	2390 (7' 10")
Track shoe width, standard	N			600 (24")	600 (24")	600 (24")
Travel speed (low/high)		km/hr (mph)		3.5/5.4 (2.2/3.4)	3.5/5.4 (2.2/3.4)	3.5/5.4 (2.2/3.4)
Swing speed		rpm		11.2	11.2	11.2
Gradeability		Degree (%)		35 (70)	35 (70)	35 (70)
Ground pressure		kgf/cm² (psi)		0.49 (6.98)	0.49 (6.98)	0.49 (6.98)
Max traction force		kg (lb)		20830 (45922)	20830 (45922)	20830 (45922)

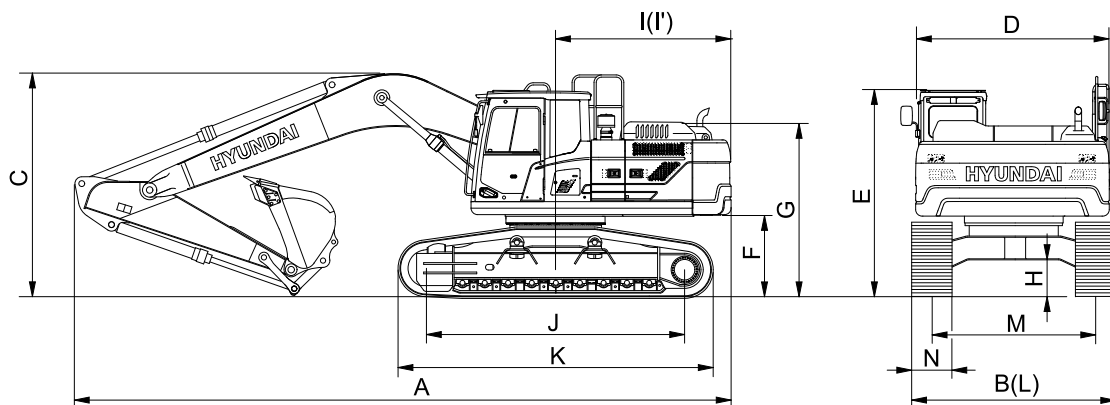
3) HX220A LR



220A2SP03A

Description		Unit		Specification
		m (ft-in)	Boom	8.50 (27' 11")
			Arm	6.20 (20' 4")
		mm (in)	Shoe	800 (32)
Operating weight		kg (lb)		25420 (56040)
Bucket capacity (SAE heaped), standard		m ³ (yd ³)		0.92 (1.2)
Overall length	A	mm (ft-in)		12345 (40' 6")
Overall width	B			3190 (10' 6")
Overall height of boom	C			3365 (11' 0")
Superstructure width	D			2740 (9' 0")
Overall height of cab	E			3035 (9' 11")
Ground clearance of counterweight	F			1115 (3' 8")
Overall height of engine hood	G			2520 (8' 3")
Overall height of guardrail	G'			3245 (10' 8")
Minimum ground clearance	H			475 (1' 7")
Rear-end distance	I			2770 (9' 1")
Rear-end swing radius	I'			2890 (9' 6")
Distance between tumblers	J			3650 (12' 0")
Undercarriage length	K			4395 (14' 5")
Undercarriage width	L			3190 (10' 6")
Track gauge	M			2390 (7' 10")
Track shoe width, standard	N			800 (32")
Travel speed (low/high)		km/hr (mph)		3.5/5.4 (2.2/3.4)
Swing speed		rpm		11.4
Gradeability		Degree (%)		35 (70)
Ground pressure		kgf/cm ² (psi)		0.41 (5.79)
Max traction force		kg (lb)		20830 (45922)

4) HX220A HW, MONO BOOM

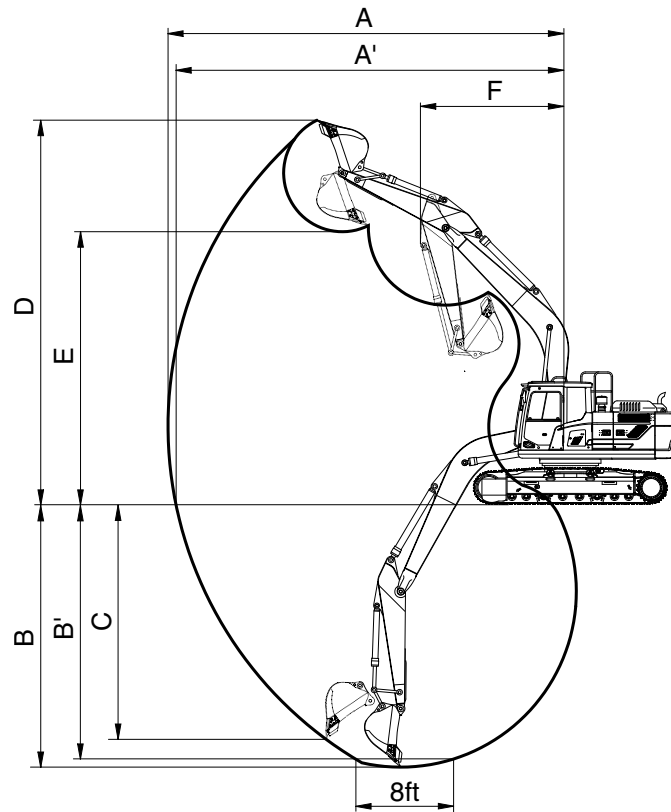


220A2SP04

Description		Unit		Specification			
		m (ft-in)	Boom	5.70 (18' 8")			
			Arm	2.90 (9' 6")	2.00 (6' 7")	2.40 (7' 10")	3.50 (11' 6")
		mm (in)	Shoe	600 (24)			
Operating weight		kg (lb)		24410 (53820)	24250 (53460)	24320 (53610)	24640 (54320)
Bucket capacity (SAE heaped), standard		m ³ (yd ³)		0.92 (1.2)	0.92 (1.2)	0.92 (1.2)	0.92 (1.2)
Overall length	A	mm (ft-in)		9515 (31' 3")	9625 (31' 7")	9560 (31' 4")	9575 (31' 5")
Overall width	B			3395 (11' 2")	3395 (11' 2")	3395 (11' 2")	3395 (11' 2")
Overall height of boom	C			2975 (9' 9")	3195 (10' 6")	3090 (10' 2")	3275 (10' 9")
Superstructure width	D			2740 (9' 0")	2740 (9' 0")	2740 (9' 0")	2740 (9' 0")
Overall height of cab	E			3200 (10' 6")	3200 (10' 6")	3200 (10' 6")	3200 (10' 6")
Ground clearance of counterweight	F			1260 (4' 2")	1260 (4' 2")	1260 (4' 2")	1260 (4' 2")
Overall height of engine hood	G			2720 (8' 11")	2720 (8' 11")	2720 (8' 11")	2720 (8' 11")
Overall height of guardrail	G'			3410 (11' 2")	3410 (11' 2")	3410 (11' 2")	3410 (11' 2")
Minimum ground clearance	H			660 (2' 2")	660 (2' 2")	660 (2' 2")	660 (2' 2")
Rear-end distance	I			2770 (9' 1")	2770 (9' 1")	2770 (9' 1")	2770 (9' 1")
Rear-end swing radius	I'			2890 (9' 6")	2890 (9' 6")	2890 (9' 6")	2890 (9' 6")
Distance between tumblers	J			3650 (12' 0")	3650 (12' 0")	3650 (12' 0")	3650 (12' 0")
Undercarriage length	K			4404 (14' 5")	4404 (14' 5")	4404 (14' 5")	4404 (14' 5")
Undercarriage width	L			3395 (11' 2")	3395 (11' 2")	3395 (11' 2")	3395 (11' 2")
Track gauge	M			2795 (9' 2")	2795 (9' 2")	2795 (9' 2")	2795 (9' 2")
Track shoe width, standard	N			600 (24")	600 (24")	600 (24")	600 (24")
Travel speed (low/high)		km/hr (mph)		2.9 (5.1)	2.9 (5.1)	2.9 (5.1)	2.9 (5.1)
Swing speed		rpm		11.4	11.4	11.4	11.4
Gradeability		Degree (%)		35 (70)	35 (70)	35 (70)	35 (70)
Ground pressure		kgf/cm ² (psi)		0.50 (7.15)	0.50 (7.11)	0.50 (7.13)	0.51 (7.22)
Max traction force		kg (lb)		22190 (48921)	22190 (48921)	22190 (48921)	22190 (48921)

3. WORKING RANGE AND DIGGING FORCE

1) HX220A L, MONO BOOM

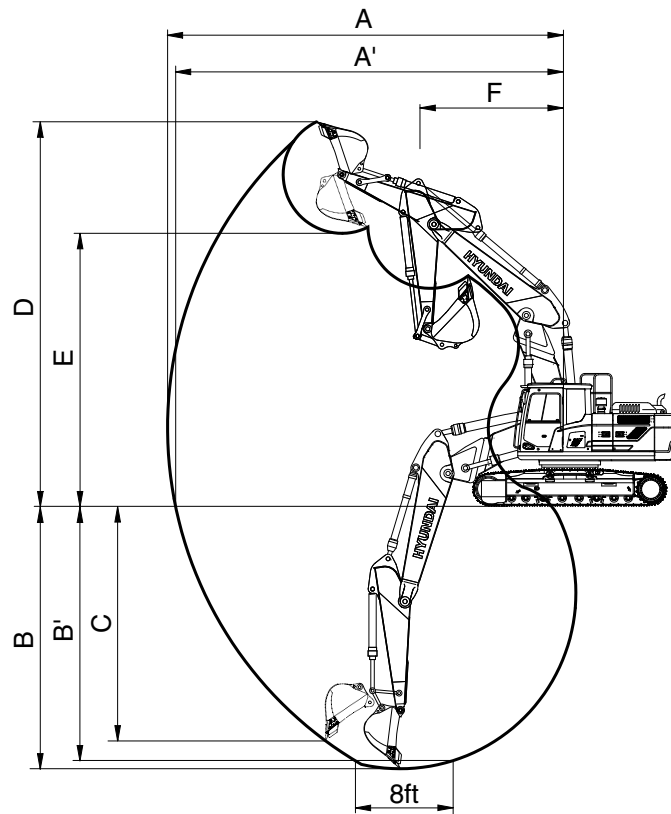


220A2SP05A

Description	m (ft-in)	Boom	5.70 (18' 8")			
		Arm	2.90 (9' 6")	2.00 (6' 7")	2.40 (7' 10")	3.50 (11' 6")
Max digging reach	mm (ft-in)	A	9945 (32' 8")	9145 (30' 0")	9525 (31' 3")	10450 (34' 3")
Max digging reach on ground		A'	9780 (32' 1")	8960 (29' 5")	9355 (30' 8")	10290 (33' 9")
Max digging depth		B	6500 (21' 4")	5585 (18' 4")	5990 (19' 8")	7090 (23' 3")
Max digging depth (8 ft level)		B'	6315 (20' 9")	5360 (17' 7")	5790 (19' 0")	6935 (22' 9")
Max vertical wall digging depth		C	5960 (19' 7")	5070 (16' 8")	5445 (17' 10")	6330 (20' 9")
Max digging height		D	9750 (32' 0")	9370 (30' 9")	9625 (31' 7")	9890 (32' 5")
Max dumping height		E	6990 (22' 11")	6580 (21' 7")	6380 (22' 5")	7160 (23' 6")
Min swing radius		F	3425 (11' 3")	3715 (12' 2")	3400 (11' 2")	3445 (11' 4")
Bucket digging force	kN	SAE	130.4 [141.6]	130.4 [141.6]	130.4 [141.6]	130.4 [141.6]
	kgf		13300 [14440]	13300 [14440]	13300 [14440]	13300 [14440]
	lbf		29320 [31830]	29320 [31830]	29320 [31830]	29320 [31830]
	kN	ISO	152.3 [165.3]	152.3 [165.3]	152.3 [165.3]	152.3 [165.3]
	kgf		15530 [16860]	15530 [16860]	15530 [16860]	15530 [16860]
	lbf		34240 [37170]	34240 [37170]	34240 [37170]	34240 [37170]
Arm digging force	kN	SAE	102.8 [111.6]	144.3 [156.6]	119.3 [129.4]	92.2 [100.1]
	kgf		10480 [11380]	14710 [15970]	12160 [13200]	9400 [10210]
	lbf		23100 [25090]	32430 [35210]	26810 [29100]	20720 [22510]
	kN	ISO	106.9 [116.0]	152.0 [165.0]	124.7 [135.4]	95.4 [103.6]
	kgf		10900 [11830]	15500 [16830]	12720 [13810]	9730 [10560]
	lbf		24030 [26080]	34170 [37100]	28040 [30450]	21450 [23280]

[] : Power boost

2) HX220A L, 2-PIECE BOOM

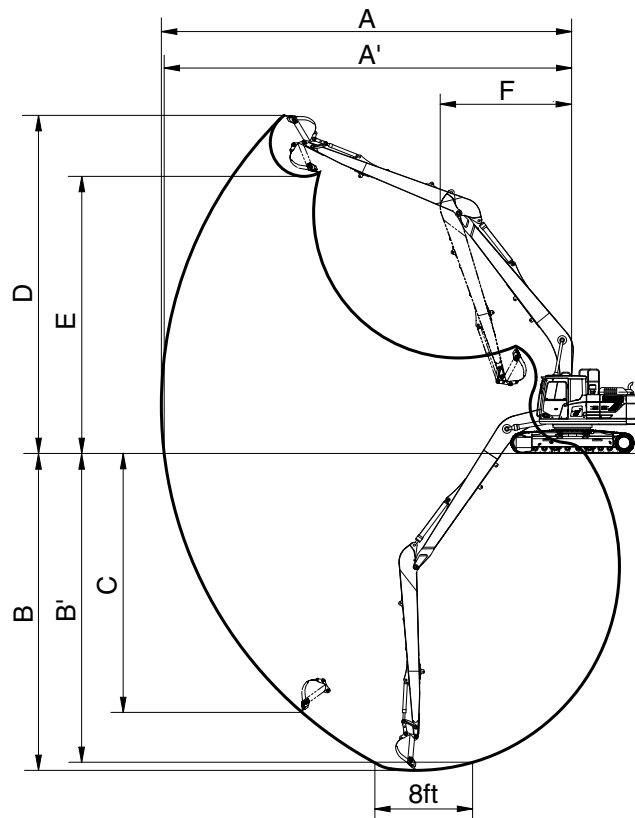


220A2SP10A

Description	m (ft-in)	Boom	5.87 (19' 3")		
		Arm	2.90 (9' 6")	2.00 (6' 7")	2.40 (7' 10")
Max digging reach	mm (ft-in)	A	10215 (33' 6")	9380 (30' 9")	9775 (32' 1")
Max digging reach on ground		A'	10055 (33' 0")	9205 (30' 2")	9605 (31' 6")
Max digging depth		B	6410 (21' 0")	5535 (18' 2")	5940 (19' 6")
Max digging depth (8 ft level)		B'	6305 (20' 8")	5415 (17' 9")	5825 (19' 1")
Max vertical wall digging depth		C	4160 (13' 8")	3405 (11' 2")	3690 (12' 1")
Max digging height		D	11430 (37' 6")	10730 (35' 2")	11090 (36' 5")
Max dumping height		E	8500 (27' 11")	7800 (25' 7")	8160 (26' 9")
Min swing radius		F	2610 (8' 7")	2820 (9' 3")	2700 (8' 10")
Bucket digging force	kN	SAE	130.4 [141.6]	130.4 [141.6]	130.4 [141.6]
	kgf		13300 [14440]	13300 [14440]	13300 [14440]
	lbf		29320 [31830]	29320 [31830]	29320 [31830]
	kN	ISO	152.3 [165.3]	152.3 [165.3]	152.3 [165.3]
	kgf		15530 [16860]	15530 [16860]	15530 [16860]
	lbf		34240 [37170]	34240 [37170]	34240 [37170]
Arm digging force	kN	SAE	102.8 [111.6]	144.3 [156.6]	119.3 [129.4]
	kgf		10480 [11380]	14710 [15970]	12160 [13200]
	lbf		23100 [25090]	32430 [35210]	26810 [29100]
	kN	ISO	106.9 [116.0]	152.0 [165.0]	124.7 [135.4]
	kgf		10900 [11830]	15500 [16830]	12720 [13810]
	lbf		24030 [26080]	34170 [37100]	28040 [30450]

[] : Power boost

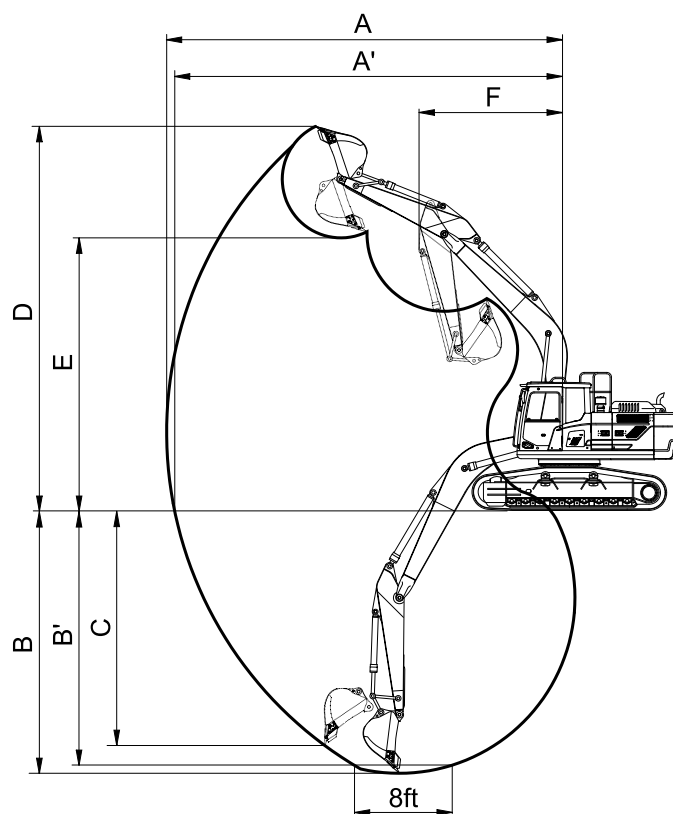
3) HX220A LR



220A2SP06A

Description	m (ft-in)	Boom	8.50 (27' 11")
		Arm	6.20 (20' 4")
Max digging reach	mm (ft-in)	A	15425 (50' 7")
Max digging reach on ground		A'	15320 (50' 3")
Max digging depth		B	11500 (37' 9")
Max digging depth (8 ft level)		B'	11355 (37' 3")
Max vertical wall digging depth		C	10265 (33' 8")
Max digging height		D	13445 (44' 1")
Max dumping height		E	11200 (36' 9")
Min swing radius		F	4705 (15' 5")
Bucket digging force	kN	SAE	68.0
	kgf		6930
	lbf		15280
	kN	ISO	80.3
	kgf		8190
	lbf		18060
Arm digging force	kN	SAE	49.5
	kgf		5050
	lbf		11130
	kN	ISO	111.3
	kgf		11350
	lbf		25020

4) HX220A HW



220A2SP07

Description	m (ft-in)	Boom	5.70 (18' 8")			
		Arm	2.90 (9' 6")	2.00 (6' 7")	2.40 (7' 10")	3.50 (11' 6")
Max digging reach	mm (ft-in)	A	9945 (32' 8")	9145 (30' 0")	9525 (31' 3")	10450 (34' 3")
Max digging reach on ground		A'	9740 (31' 11")	8920 (29' 3")	9310 (30' 7")	10255 (33' 8")
Max digging depth		B	6290 (20' 8")	5385 (17' 8")	5785 (19' 0")	6890 (22' 7")
Max digging depth (8 ft level)		B'	6115 (20' 1")	5160 (16' 11")	5590 (18' 4")	6735 (22' 1")
Max vertical wall digging depth		C	5760 (18' 11")	4870 (16' 0")	5245 (17' 2")	6130 (20' 1")
Max digging height		D	9950 (32' 8")	9570 (31' 5")	9825 (32' 3")	10090 (33' 1")
Max dumping height		E	7190 (23' 7")	6780 (22' 3")	7030 (23' 1")	7360 (24' 2")
Min swing radius		F	3425 (11' 3")	3715 (12' 2")	3340 (10' 11")	3445 (11' 4")
Bucket digging force	kN	SAE	130.4 [141.6]	130.4 [141.6]	130.4 [141.6]	130.4 [141.6]
	kgf		13300 [14440]	13300 [14440]	13300 [14440]	13300 [14440]
	lbf		29320 [31830]	29320 [31830]	29320 [31830]	29320 [31830]
	kN	ISO	152.3 [165.3]	152.3 [165.3]	152.3 [165.3]	152.3 [165.3]
	kgf		15530 [16860]	15530 [16860]	15530 [16860]	15530 [16860]
	lbf		34240 [37170]	34240 [37170]	34240 [37170]	34240 [37170]
Arm digging force	kN	SAE	102.8 [111.6]	144.3 [156.6]	119.3 [129.4]	92.2 [100.1]
	kgf		10480 [11380]	14710 [15970]	12160 [13200]	9400 [10210]
	lbf		23100 [25090]	32430 [35210]	26810 [29100]	20720 [22510]
	kN	ISO	106.9 [116.0]	152.0 [165.0]	124.7 [135.4]	95.4 [103.6]
	kgf		10900 [11830]	15500 [16830]	12720 [13810]	9730 [10560]
	lbf		24030 [26080]	34170 [37100]	28040 [30450]	21450 [23280]

[] : Power boost

4. WEIGHT

Item	HX220A L		HX220A LR		HX220A HW	
	kg	lb	kg	lb	kg	lb
Upperstructure assembly						
· Main frame weld assembly	1890	4170	1890	4170	1930	4260
· Engine assembly	583	1285	583	1285	583	1285
· Aftertreatment assembly	74	162	74	162	74	162
· Main pump assembly	140	309	140	309	140	309
· Main control valve assembly	220	485	220	485	220	485
· Swing motor assembly	240	529	240	529	240	529
· Hydraulic oil tank WA	220	485	220	485	220	485
· Fuel tank WA	210	463	210	463	210	463
· Counterweight	3800	8380	5300	11680	3800	8380
· Cab assembly	490	1080	490	1080	490	1080
Lower chassis assembly						
· Track frame weld assembly	2530	5580	2530	5580	3605	7950
· Swing bearing	280	620	280	620	299	660
· Travel motor assembly (2EA)	609	1340	609	1340	609	1340
· Turning joint	57	130	57	130	57	130
· Sprocket (2EA)	112	247	112	247	103	227
· Track recoil spring (2EA)	279	615	279	615	326	719
· Idler (2EA)	301	664	301	664	301	664
· Upper roller (4EA)	93	205	93	205	177	390
· Lower roller (16EA, HW : 18EA)	797	1757	797	1757	797	1757
· Track-chain assembly (600 mm triple grouser shoe) (2EA)	2712	5979	-	-	2902	6398
· Track-chain assembly (700 mm triple grouser shoe) (2EA)	3184	7020	-	-	3184	7020
· Track-chain assembly (800 mm triple grouser shoe) (2EA)	3468	7646	3468	7646	3468	7646
· Track-chain assembly (900 mm triple grouser shoe) (2EA)	3750	8267	-	-	3750	8267
· Track-chain assembly (700 mm double grouser shoe) (2EA)	3458	7624	-	-	3458	7624
Front attachment assembly						
· 5.68 m boom assembly	1520	3351	-	-	1520	3351
· 2.92 m arm assembly	760	1676	-	-	760	1676
· 0.92 m³ SAE heaped bucket	820	1808	-	-	820	1808
· 8.2 m boom assembly	-	-	2110	4652	-	-
· 6.3 m arm assembly	-	-	1100	2425	-	-
· 0.52 m³ SAE heaped bucket	-	-	470	1036	-	-
· Boom cylinder assembly (2EA)	180	397	180	397	180	397
· Arm cylinder assembly	280	617	270	595	280	617
· Bucket cylinder assembly	170	375	100	220	170	375
· Bucket control linkage total	200	441	170	375	200	441

※ This information is different with operating and transportation weight because it is not including harness, pipe, oil, fuel so on.

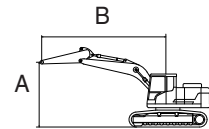
※ Refer to Transportation for actual weight information and Specifications for operating weight.













5. LIFTING CAPACITIES

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX220A L	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5700	2900	3800	600	-	-	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)		Lift-point radius (B)										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)		Capacity		Reach
														m (ft)
7.5 m	kg							*4920	*4920			*4330	*4330	6.21
(24.6 ft)	lb							*10850	*10850			*9550	*9550	(20.4)
6.0 m	kg							*4830	*4830			*4030	3980	7.34
(19.7 ft)	lb							*10650	*10650			*8880	8770	(24.1)
4.5 m	kg					*6130	*6130	*5330	*5330	*4960	3800	*3960	3390	8.03
(14.8 ft)	lb					*13510	*13510	*11750	*11750	*10930	8380	*8730	7470	(26.3)
3.0 m	kg					*7880	7870	*6120	5150	*5300	3700	*4060	3100	8.39
(9.8 ft)	lb					*17370	17350	*13490	11350	*11680	8160	*8950	6830	(27.5)
1.5 m	kg					*9500	7350	*6940	4910	5540	3580	*4320	2990	8.48
(4.9 ft)	lb					*20940	16200	*15300	10820	12210	7890	*9520	6590	(27.8)
0.0 m	kg			*4930	*4930	*10340	7080	*7510	4740	5450	3490	4730	3050	8.28
(0.0 ft)	lb			*10870	*10870	*22800	15610	*16560	10450	12020	7690	10430	6720	(27.2)
-1.5 m	kg	*5620	*5620	*9410	*9410	*10370	7000	7470	4660	5410	3460	5130	3290	7.80
(-4.9 ft)	lb	*12390	*12390	*20750	*20750	*22860	15430	16470	10270	11930	7630	11310	7250	(25.6)
-3.0 m	kg			*13620	*13620	*9630	7060	*7140	4700			*5810	3880	6.96
(-9.8 ft)	lb			*30030	*30030	*21230	15560	*15740	10360			*12810	8550	(22.8)
-4.5 m	kg			*10720	*10720	*7730	7280					*5820	5370	5.60
(-14.8 ft)	lb			*23630	*23630	*17040	16050					*12830	11840	(18.4)

Note 1. Lifting capacity are based on 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 Lift-point is bucket pivot mounting pin on the arm (without bucket mass).

4. *Indicates load limited by hydraulic capacity.

※ Lifting capacities are based upon a standard machine conditions.

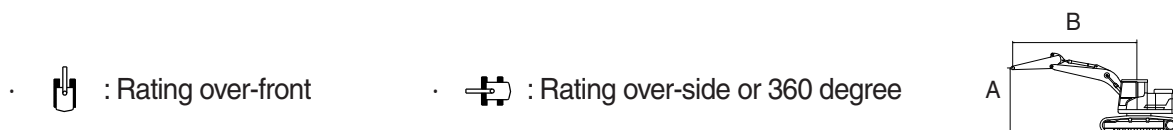
Lifting capacities will vary with different work tools, ground conditions and attachments.











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

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

▲ Failure to comply to the rated load can cause serious injury, death, or property damage. Make adjustments to the rated load as necessary for non-standard configurations.

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX220A L	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5700	2000	3800	600	-	-	-	-	-



Lift-point height (A)		Lift-point radius (B)								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)
7.5 m (24.6 ft)	kg lb									*6130 *13510	*6130 *13510	5.05 (16.6)
6.0 m (19.7 ft)	kg lb			*6180 *13620	*6180 *13620	*5780 *12740	5450 12020			*5810 *12810	4910 10820	6.39 (21.0)
4.5 m (14.8 ft)	kg lb			*7370 *16250	*7370 *16250	*6130 *13510	5330 11750			*5780 *12740	4040 8910	7.17 (23.5)
3.0 m (9.8 ft)	kg lb					*6820 *15040	5110 11270	5670 12500	3700 8160	5570 12280	3640 8020	7.58 (24.9)
1.5 m (4.9 ft)	kg lb					*7480 *16490	4920 10850	5580 12300	3630 8000	5400 11900	3520 7760	7.67 (25.2)
0.0 m (0.0 ft)	kg lb			*10600 *23370	7160 15790	7620 16800	4810 10600			5580 12300	3610 7960	7.46 (24.5)
-1.5 m (-4.9 ft)	kg lb			*10130 *22330	7180 15830	*7580 *16710	4800 10580			6220 13710	4000 8820	6.92 (22.7)
-3.0 m (-9.8 ft)	kg lb	*11600 *25570	*11600 *25570	*8810 *19420	7310 16120					*6360 *14020	4990 11000	5.95 (19.5)

Note 1. Lifting capacity are based on 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 Lift-point is bucket pivot mounting pin on the arm (without bucket mass).

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.

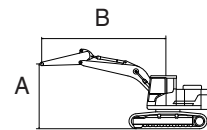
Consult with your local HD Hyundai Construction Equipment dealer regarding the lifting capacities for specific work tools and attachments.











▲ Failure to comply to the rated load can cause serious injury, death, or property damage. Make adjustments to the rated load as necessary for non-standard configurations.

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX220A L	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5700	2400	3800	600	-	-	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)		Lift-point radius (B)								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)
7.5 m (24.6 ft)	kg lb									*5580 *12300	*5580 *12300	5.62 (18.4)
6.0 m (19.7 ft)	kg lb					*5340 *11770	*5340 *11770			*5390 *11880	4420 9740	6.85 (22.5)
4.5 m (14.8 ft)	kg lb			*6830 *15060	*6830 *15060	*5770 *12720	5350 11790	*5380 *11860	3770 8310	*5320 *11730	3700 8160	7.58 (24.9)
3.0 m (9.8 ft)	kg lb			*8560 *18870	7740 17060	*6520 *14370	5120 11290	*5610 *12370	3700 8160	5160 11380	3370 7430	7.97 (26.1)
1.5 m (4.9 ft)	kg lb			*9990 *22020	7300 16090	*7250 *15980	4910 10820	5560 12260	3600 7940	5000 11020	3250 7170	8.06 (26.4)
0.0 m (0.0 ft)	kg lb			*10530 *23210	7110 15670	7580 16710	4770 10520	5490 12100	3530 7780	5150 11350	3330 7340	7.85 (25.8)
-1.5 m (-4.9 ft)	kg lb	*9280 *20460	*9280 *20460	*10280 *22660	7090 15630	7540 16620	4730 10430			5660 12480	3640 8020	7.34 (24.1)
-3.0 m (-9.8 ft)	kg lb	*12580 *27730	*12580 *27730	*9230 *20350	7190 15850	*6790 *14970	4810 10600			*6060 *13360	4400 9700	6.44 (21.1)
-4.5 m (-14.8 ft)	kg lb			*6610 *14570	*6610 *14570							

Note 1. Lifting capacity are based on 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 Lift-point is bucket pivot mounting pin on the arm (without bucket mass).

4. *Indicates load limited by hydraulic capacity.

※ Lifting capacities are based upon a standard machine conditions.

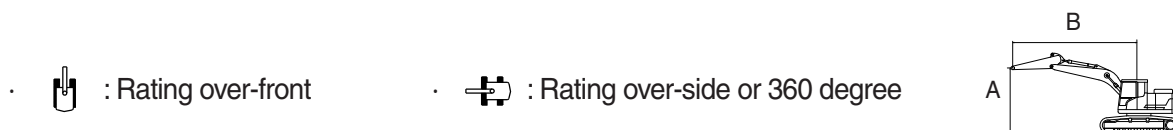
Lifting capacities will vary with different work tools, ground conditions and attachments.













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

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

▲ Failure to comply to the rated load can cause serious injury, death, or property damage. Make adjustments to the rated load as necessary for non-standard configurations.

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX220A L	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5700	3500	3800	600	-	-	-	-	-



Lift-point height (A)		Lift-point radius (B)										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)		Capacity		Reach
														m (ft)
7.5 m (24.6 ft)	kg lb											*3630 *8000	*3630 *8000	6.89 (22.6)
6.0 m (19.7 ft)	kg lb									*4310 *9500	3890 8580	*3420 *7540	*3420 *7540	7.92 (26.0)
4.5 m (14.8 ft)	kg lb							*4750 *10470	*4750 *10470	*4490 *9900	3820 8420	*3390 *7470	3050 6720	8.56 (28.1)
3.0 m (9.8 ft)	kg lb			*10630 *23440	*10630 *23440	*6990 *15410	*6990 *15410	*5590 *12320	5190 11440	*4900 *10800	3690 8140	*3480 *7670	2800 6170	8.90 (29.2)
1.5 m (4.9 ft)	kg lb					*8770 *19330	7410 16340	*6490 *14310	4900 10800	*5370 *11840	3550 7830	*3710 *8180	2700 5950	8.98 (29.5)
0.0 m (0.0 ft)	kg lb			*6220 *13710	*6220 *13710	*9930 *21890	7020 15480	*7190 *15850	4680 10320	5390 11880	3430 7560	*4100 *9040	2730 6020	8.80 (28.9)
-1.5 m (-4.9 ft)	kg lb	*5440 *11990	*5440 *11990	*9210 *20300	*9210 *20300	*10290 *22690	6870 15150	7370 16250	4570 10080	5320 11730	3360 7410	4580 10100	2920 6440	8.35 (27.4)
-3.0 m (-9.8 ft)	kg lb	*9050 *19950	*9050 *19950	*13720 *30250	13390 29520	*9900 *21830	6880 15170	*7310 *16120	4560 10050	5350 11790	3390 7470	5280 11640	3350 7390	7.57 (24.8)
-4.5 m (-14.8 ft)	kg lb			*12180 *26850	*12180 *26850	*8570 *18890	7040 15520	*6170 *13600	4680 10320			*5640 *12430	4360 9610	6.34 (20.8)

Note 1. Lifting capacity are based on 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 Lift-point is bucket pivot mounting pin on the arm (without bucket mass).

4. *Indicates load limited by hydraulic capacity.

※ Lifting capacities are based upon a standard machine conditions.

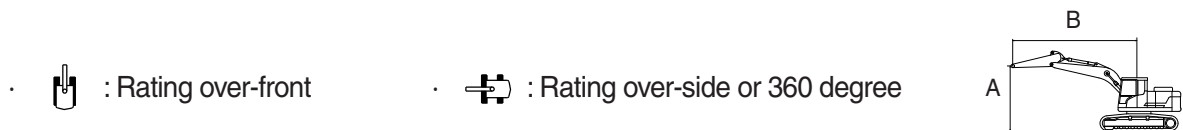
Lifting capacities will vary with different work tools, ground conditions and attachments.











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

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

▲ Failure to comply to the rated load can cause serious injury, death, or property damage. Make adjustments to the rated load as necessary for non-standard configurations.

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX220A L	2-PIECE BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5874	2900	3800	600	-	-	-	-	-



Lift-point height (A)		Lift-point radius (B)								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)
9.0 m (29.5 ft)	kg lb			*5930 *13070	*5930 *13070					*5050 *11130	*5050 *11130	4.83 (15.8)
7.5 m (24.6 ft)	kg lb			*6170 *13600	*6170 *13600	*5700 *12570	5580 12300			*4190 *9240	*4190 *9240	6.58 (21.6)
6.0 m (19.7 ft)	kg lb			*6180 *13620	*6180 *13620	*5930 *13070	5550 12240	*4600 *10140	3780 8330	*3860 *8510	3630 8000	7.65 (25.1)
4.5 m (14.8 ft)	kg lb	*10240 *22580	*10240 *22580	*8250 *18190	*8250 *18190	*6360 *14020	5330 11750	*5020 *11070	3720 8200	*3760 *8290	3110 6860	8.31 (27.3)
3.0 m (9.8 ft)	kg lb			*9440 *20810	7670 16910	*7080 *15610	5030 11090	*5280 *11640	3590 7910	*3810 *8400	2840 6260	8.66 (28.4)
1.5 m (4.9 ft)	kg lb			*10140 *22350	7080 15610	*7420 *16360	4740 10450	5470 12060	3450 7610	*3990 *8800	2740 6040	8.74 (28.7)
0.0 m (0.0 ft)	kg lb			*9870 *21760	6780 14950	*7340 *16180	4550 10030	5360 11820	3350 7390	*4350 *9590	2790 6150	8.56 (28.1)
-1.5 m (-4.9 ft)	kg lb	*7840 *17280	*7840 *17280	*8760 *19310	6730 14840	*6700 *14770	4470 9850	*5000 *11020	3320 7320	*4190 *9240	3020 6660	8.09 (26.5)
-3.0 m (-9.8 ft)	kg lb			*6820 *15040	*6820 *15040	*5260 *11600	4530 9990			*3520 *7760	*3520 *7760	7.29 (23.9)

Note 1. Lifting capacity are based on 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 Lift-point is bucket pivot mounting pin on the arm (without bucket mass).

4. *Indicates load limited by hydraulic capacity.

※ Lifting capacities are based upon a standard machine conditions.

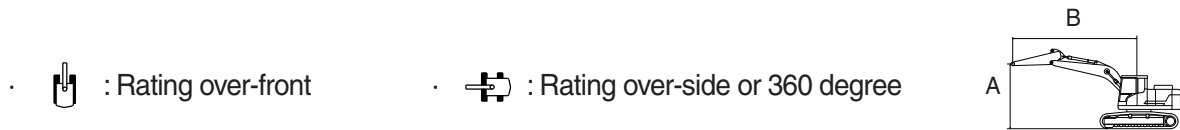
Lifting capacities will vary with different work tools, ground conditions and attachments.





















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

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

▲ Failure to comply to the rated load can cause serious injury, death, or property damage. Make adjustments to the rated load as necessary for non-standard configurations.

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX220A L	LONG REACH	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		8500	6200	5300	800	-	-	-	-	-



Lift-point height (A)		Lift-point radius (B)																		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)		10.5 m (34.4 ft)		12.0 m (39.4 ft)		13.5 m (44.3 ft)		Capacity		Reach		
																						m (ft)		
12.0m	kg																				*770	*770	9.80	
39.4ft	lb																				*1700	*1700	(32.1)	
10.5m	kg													*1250	*1250							*690	*690	11.17
34.4ft	lb													*2760	*2760							*1520	*1520	(36.7)
9.0m	kg													*1730	*1730	*870	*870					*640	*640	12.21
29.5ft	lb													*3810	*3810	*1920	*1920					*1410	*1410	(40.1)
7.5m	kg													*2020	*2020	*1470	*1470					*620	*620	12.99
24.6ft	lb													*4450	*4450	*3240	*3240					*1370	*1370	(42.6)
6.0m	kg													*2170	*2170	*1850	*1850	*690	*690			*610	*610	13.55
19.7ft	lb													*4780	*4780	*4080	*4080	*1520	*1520			*1340	*1340	(44.5)
4.5m	kg												*2530	*2530	*2350	*2350	*2170	2100	*1150	*1150		*620	*620	13.94
14.8ft	lb												*5580	*5580	*5180	*5180	*4780	4630	*2540	*2540		*1370	*1370	(45.7)
3.0m	kg					*5420	*5420	*4030	*4030	*3300	*3300	*2850	*2850	*2560	2530	*2360	2010	*1440	*1440		*640	*640	14.15	
9.8ft	lb					*11950	*11950	*8880	*8880	*7280	*7280	*6280	*6280	*5640	5580	*5200	4430	*3170	*3170		*1410	*1410	(46.4)	
1.5m	kg					*6960	*6960	*4870	*4870	*3810	*3810	*3180	3030	*2780	2390	*2510	1910	*1600	1540		*680	*680	14.20	
4.9ft	lb					*15340	*15340	*10740	*10740	*8400	*8400	*7010	6680	*6130	5270	*5530	4210	*3530	3400		*1500	*1500	(46.6)	
0.0m	kg			*2220	*2220	*5360	*5360	*5550	4900	*4260	3650	*3490	2830	*2990	2260	*2650	1830	*1610	1490		*740	*740	14.08	
0.0ft	lb			*4890	*4890	*11820	*11820	*12240	10800	*9390	8050	*7690	6240	*6590	4980	*5840	4030	*3550	3280		*1630	*1630	(46.2)	
-1.5m	kg	*2100	*2100	*2900	*2900	*5130	*5130	*6000	4600	*4600	3430	*3740	2680	*3170	2150	*2760	1760	*1360	*1360		*810	*810	13.81	
-4.9ft	lb	*4630	*4630	*6390	*6390	*11310	*11310	*13230	10140	*10140	7560	*8250	5910	*6990	4740	*6080	3880	*3000	*3000		*1790	*1790	(45.3)	
-3.0m	kg	*2950	*2950	*3740	*3740	*5680	*5680	*6220	4450	*4810	3300	*3900	2580	*3280	2080	*2830	1710				*920	*920	13.35	
-9.8ft	lb	*6500	*6500	*8250	*8250	*12520	*12520	*13710	9810	*10600	7280	*8600	5690	*7230	4590	*6240	3770				*2030	*2030	(43.8)	
-4.5m	kg	*3820	*3820	*4700	*4700	*6630	*6630	*6230	4410	*4860	3240	*3950	2530	*3310	2050	*2670	1700				*1090	*1090	12.71	
-14.8ft	lb	*8420	*8420	*10360	*10360	*14620	*14620	*13730	9720	*10710	7140	*8710	5580	*7300	4520	*5890	3750				*2400	*2400	(41.7)	
-6.0m	kg	*4770	*4770	*5800	*5800	*7930	6810	*6020	4450	*4750	3250	*3870	2540	*3200	2060						*1340	*1340	11.84	
-19.7ft	lb	*10520	*10520	*12790	*12790	*17480	15010	*13270	9810	*10470	7170	*8530	5600	*7050	4540						*2950	*2950	(38.8)	
-7.5m	kg	*5810	*5810	*7100	*7100	*7280	7010	*5570	4560	*4430	3330	*3580	2610	*2390	2150						*1780	*1780	10.68	
-24.6ft	lb	*12810	*12810	*15650	*15650	*16050	15450	*12280	10050	*9770	7340	*7890	5750	*5270	4740						*3920	*3920	(35.0)	
-9.0m	kg			*8410	*8410	*6130	*6130	*4760	*4760	*3760	3500	*2880	2770								*2740	2730	9.13	
-29.5ft	lb			*18540	*18540	*13510	*13510	*10490	*10490	*8290	7720	*6350	6110								*6040	6020	(30.0)	

Note 1. Lifting capacity are based on 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 Lift-point is bucket pivot mounting pin on the arm (without bucket mass).

4. *Indicates load limited by hydraulic capacity.

※ Lifting capacities are based upon a standard machine conditions.

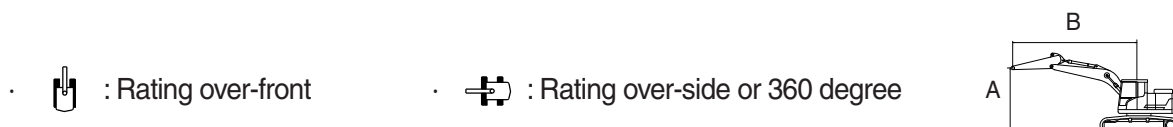
Lifting capacities will vary with different work tools, ground conditions and attachments.











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

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

▲ Failure to comply to the rated load can cause serious injury, death, or property damage. Make adjustments to the rated load as necessary for non-standard configurations.

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX220A HW	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5700	2000	3800	600	-	-	-	-	-



Lift-point height (A)		Lift-point radius (B)								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)
7.5 m (24.6 ft)	kg lb									*6050 *13340	*6050 *13340	5.27 (17.3)
6.0 m (19.7 ft)	kg lb			*6280 *13850	*6280 *13850	*5790 *12760	5760 12700			*5800 *12790	5030 11090	6.52 (21.4)
4.5 m (14.8 ft)	kg lb			*7590 *16730	*7590 *16730	*6210 *13690	5610 12370			*5780 *12740	4220 9300	7.25 (23.8)
3.0 m (9.8 ft)	kg lb					*6920 *15260	5400 11900	*5900 *13010	3930 8660	*5870 *12940	3850 8490	7.61 (25.0)
1.5 m (4.9 ft)	kg lb					*7550 *16640	5220 11510	5940 13100	3860 8510	5760 12700	3750 8270	7.66 (25.1)
0.0 m (0.0 ft)	kg lb			*10580 *23320	7620 16800	*7800 *17200	5120 11290			6010 13250	3890 8580	7.41 (24.3)
-1.5 m (-4.9 ft)	kg lb			*10010 *22070	7650 16870	*7500 *16530	5120 11290			*6340 *13980	4360 9610	6.81 (22.4)
-3.0 m (-9.8 ft)	kg lb	*11230 *24760	*11230 *24760	*8540 *18830	7810 17220					*6330 *13960	5540 12210	5.78 (18.9)

Note 1. Lifting capacity are based on 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 Lift-point is bucket pivot mounting pin on the arm (without bucket mass).

4. *Indicates load limited by hydraulic capacity.

※ Lifting capacities are based upon a standard machine conditions.

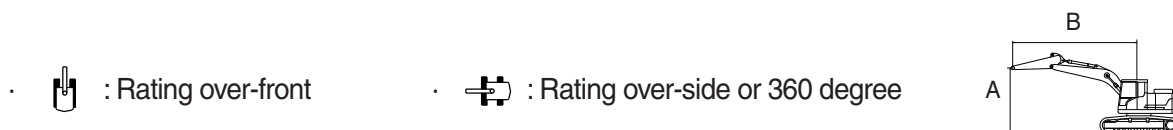
Lifting capacities will vary with different work tools, ground conditions and attachments.











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

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

▲ Failure to comply to the rated load can cause serious injury, death, or property damage. Make adjustments to the rated load as necessary for non-standard configurations.

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX220A HW	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5700	2400	3800	600	-	-	-	-	-



Lift-point height (A)		Lift-point radius (B)								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)
7.5 m (24.6 ft)	kg lb									*5540 *12210	*5540 *12210	5.82 (19.1)
6.0 m (19.7 ft)	kg lb					*5370 *11840	*5370 *11840			*5380 *11860	4550 10030	6.97 (22.9)
4.5 m (14.8 ft)	kg lb			*7040 *15520	*7040 *15520	*5860 *12920	5640 12430	*5390 *11880	4010 8840	*5320 *11730	3880 8550	7.65 (25.1)
3.0 m (9.8 ft)	kg lb			*8790 *19380	8130 17920	*6630 *14620	5410 11930	*5650 *12460	3920 8640	5450 12020	3560 7850	8.00 (26.2)
1.5 m (4.9 ft)	kg lb			*10120 *22310	7720 17020	*7330 *16160	5200 11460	5910 13030	3830 8440	5340 11770	3470 7650	8.05 (26.4)
0.0 m (0.0 ft)	kg lb			*10540 *23240	7560 16670	*7710 *17000	5070 11180	5850 12900	3770 8310	5540 12210	3580 7890	7.80 (25.6)
-1.5 m (-4.9 ft)	kg lb	*10260 *22620	*10260 *22620	*10190 *22470	7560 16670	*7580 *16710	5050 11130			*5980 *13180	3960 8730	7.25 (23.8)
-3.0 m (-9.8 ft)	kg lb	*12250 *27010	*12250 *27010	*9010 *19860	7680 16930	*6560 *14460	5150 11350			*6060 *13360	4870 10740	6.28 (20.6)

Note 1. Lifting capacity are based on 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 Lift-point is bucket pivot mounting pin on the arm (without bucket mass).

4. *Indicates load limited by hydraulic capacity.

※ Lifting capacities are based upon a standard machine conditions.

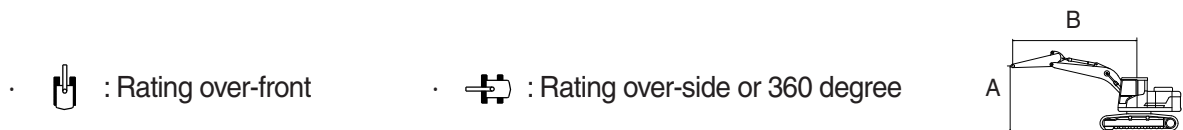
Lifting capacities will vary with different work tools, ground conditions and attachments.













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

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

▲ Failure to comply to the rated load can cause serious injury, death, or property damage. Make adjustments to the rated load as necessary for non-standard configurations.

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX220A HW	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5700	2900	3800	600	-	-	-	-	-



Lift-point height (A)		Lift-point radius (B)										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)		Capacity		Reach
														m (ft)
7.5 m (24.6 ft)	kg lb							*4850 *10690	*4850 *10690			*4270 *9410	*4270 *9410	6.40 (21.0)
6.0 m (19.7 ft)	kg lb							*4870 *10740	*4870 *10740			*4010 *8840	*4010 *8840	7.45 (24.4)
4.5 m (14.8 ft)	kg lb					*6340 *13980	*6340 *13980	*5420 *11950	*5420 *11950	*5000 11020	4030 8880	*3970 *8750	3560 7850	8.09 (26.6)
3.0 m (9.8 ft)	kg lb					*8120 *17900	*8120 *17900	*6240 *13760	5430 11970	*5350 *11790	3920 8640	*4090 *9020	3290 7250	8.42 (27.6)
1.5 m (4.9 ft)	kg lb					*9660 *21300	7760 17110	*7040 *15520	5200 11460	*5750 *12680	3800 8380	*4370 *9630	3200 7050	8.47 (27.8)
0.0 m (0.0 ft)	kg lb			*5470 *12060	*5470 *12060	*10390 *22910	7520 16580	*7550 *16640	5040 11110	5800 12790	3720 8200	*4890 *10780	3280 7230	8.24 (27.0)
-1.5 m (-4.9 ft)	kg lb	*6250 *13780	*6250 *13780	*10100 *22270	*10100 *22270	*10320 *22750	7460 16450	*7620 *16800	4980 10980	5780 12740	3700 8160	5570 12280	3580 7890	7.71 (25.3)
-3.0 m (-9.8 ft)	kg lb			*13330 *29390	*13330 *29390	*9470 *20880	7540 16620	*7000 *15430	5030 11090			*5830 *12850	4270 9410	6.81 (22.4)
-4.5 m (-14.8 ft)	kg lb			*10170 *22420	*10170 *22420	*7310 *16120	*7310 *16120					*5780 *12740	*5780 *12740	5.36 (17.6)

Note 1. Lifting capacity are based on 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 Lift-point is bucket pivot mounting pin on the arm (without bucket mass).

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.

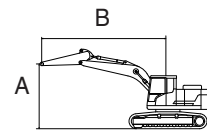
Consult with your local HD Hyundai Construction Equipment dealer regarding the lifting capacities for specific work tools and attachments.













▲ Failure to comply to the rated load can cause serious injury, death, or property damage. Make adjustments to the rated load as necessary for non-standard configurations.

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX220A HW	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5700	3500	3800	600	-	-	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)		Lift-point radius (B)										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)		Capacity		Reach
														m (ft)
7.5 m (24.6 ft)	kg lb											*3590 *7910	*3590 *7910	7.05 (23.1)
6.0 m (19.7 ft)	kg lb							*4260 *9390	*4260 *9390	*4310 *9500	4130 9110	*3410 *7520	*3410 *7520	8.02 (26.3)
4.5 m (14.8 ft)	kg lb							*4850 *10690	*4850 *10690	*4530 *9990	4050 8930	*3400 *7500	3210 7080	8.62 (28.3)
3.0 m (9.8 ft)	kg lb					*7240 *15960	*7240 *15960	*5710 *12590	5460 12040	*4960 *10930	3910 8620	*3510 *7740	2970 6550	8.93 (29.3)
1.5 m (4.9 ft)	kg lb					*8970 *19780	7800 17200	*6600 *14550	5180 11420	*5430 *11970	3770 8310	*3750 *8270	2890 6370	8.97 (29.4)
0.0 m (0.0 ft)	kg lb			*6530 *14400	*6530 *14400	*10020 *22090	7450 16420	*7260 *16010	4980 10980	5740 12650	3650 8050	*4170 *9190	2950 6500	8.76 (28.7)
-1.5 m (-4.9 ft)	kg lb	*5900 *13010	*5900 *13010	*9710 *21410	*9710 *21410	*10280 *22660	7320 16140	*7520 *16580	4870 10740	5680 12520	3600 7940	*4910 *10820	3170 6990	8.26 (27.1)
-3.0 m (-9.8 ft)	kg lb	*9580 *21120	*9580 *21120	*14270 *31460	*14270 *31460	*9790 *21580	7350 16200	*7230 *15940	4880 10760			*5470 *12060	3680 8110	7.43 (24.4)
-4.5 m (-14.8 ft)	kg lb			*11750 *25900	*11750 *25900	*8290 *18280	7530 16600	*5870 *12940	5030 11090			*5650 *12460	4900 10800	6.13 (20.1)

Note 1. Lifting capacity are based on 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 Lift-point is bucket pivot mounting pin on the arm (without bucket mass).

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

▲ Failure to comply to the rated load can cause serious injury, death, or property damage. Make adjustments to the rated load as necessary for non-standard configurations.

6. BUCKET SELECTION GUIDE

1) 3800 KG COUNTERWEIGHT



General bucket



Heavy duty
(without side cutter)



Rock heavy duty

Type	Capacity		Width		Weight	Tooth	MONO				2-PIECE			
	SAE Heaped	CECE heaped	Without side cutter	With side cutter			Recommendation							
							5.70 m (18' 8") Boom				5.87 m (19' 3") Boom			
m³ (yd³)	m³ (yd³)	mm (in)	mm (in)	kg (lb)	EA	2.0 m (6' 7") Arm	2.4 m (7' 10") Arm	2.9 m (9' 6") Arm	3.5 m (11' 6") Arm	2.4 m (7' 10") Arm	2.9 m (9' 6") Arm			
General bucket	0.81 (1.06)	0.72 (0.94)	975 (38.4")	1125 (44.3")	700 (1540)	5	●	●	●	●	●	●		
	0.92 (1.20)	0.81 (1.06)	1085 (42.7")	1230 (48.4")	750 (1650)	5	●	●	●	●	●	●		
	1.05 (1.37)	0.96 (1.26)	1220 (48.0")	1370 (53.9")	790 (1740)	5	●	●	◐	◐	◐	◐		
	1.17 (1.53)	1.00 (1.31)	1340 (52.8")	1490 (58.7")	850 (1870)	6	●	◐	◐	■	◐	■		
	1.28 (1.67)	1.11 (1.45)	1455 (57.3")	1605 (63.2")	885 (1950)	6	◐	◐	■	X	■	▲		
Heavy duty	0.92 (1.20)	0.83 (1.09)	1050 (41.3")	1095 (43.1")	865 (1910)	5	●	●	●	◐	●	◐		
	1.08 (1.41)	0.97 (1.27)	1200 (47.2")	1245 (49.0")	935 (2060)	5	●	●	◐	■	◐	■		
Rock heavy duty	0.91 (1.19)	0.83 (1.09)	1050 (41.3")	1095 (43.1")	1050 (2310)	4	●	●	●	X	●	◐		
	1.23 (1.61)	1.11 (1.45)	1350 (53.1")	1395 (54.9")	1240 (2730)	5	◐	■	■	X	■	▲		
	0.87 (1.14)	0.76 (0.99)	1130 (44.5")	1145 (45.1")	935 (2060)	5	●	●	●	X	●	●		
	1.20 (1.57)	1.05 (1.37)	1445 (56.9")	1455 (57.3")	1115 (2460)	5	◐	◐	■	X	■	▲		

●	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

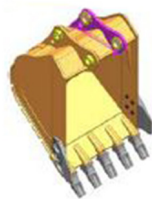
※ These recommendations are for general conditions and average use.

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) LONG REACH, 5300 KG COUNTERWEIGHT



Long reach

Type	Capacity		Width		Weight	Tooth	Long reach
							Recommendation
	SAE Heaped	CECE heaped	Without side cutter	With side cutter			8.50 m (27' 11") Boom
	m ³ (yd ³)	m ³ (yd ³)	mm (in)	mm (in)	kg (lb)	EA	6.2 m (20' 4") Arm
LR	0.51 (0.67)	0.45 (0.59)	865 (34.1")	995 (39.2")	395 (870)	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

※ 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.

7. UNDERCARRIAGE

1) TYPES OF SHOES

Model	Description	Unit		Triple grouser								Double grouser	
	width	mm	(in)	600	(24)	700	(28)	800	(32)	900	(36)	700	(28)
HX220A L	Operating weight	kg	(lb)	22280	49120	22760	50180	23040	50790	23320	51410	23040	50790
	Ground pressure	kgf/cm ²	(psi)	0.48	6.76	0.42	5.92	0.37	5.25	0.33	4.72	0.42	5.99
	Overall width	mm	(ft-in)	2990	9'10"	3090	10'2"	3190	10'6"	3290	10'10"	3090	10'2"
	Link quantity	EA		49		49		49		49		49	
HX220A LR	Operating weight	kg	(lb)	-	-	-	-	25460	56130	-	-	-	-
	Ground pressure	kgf/cm ²	(psi)	-	-	-	-	0.41	5.8	-	-	-	-
	Overall width	mm	(ft-in)	-	-	-	-	3190	10'6"	-	-	-	-
	Link quantity	EA		-		-		49		-		-	
HX220A HW	Operating weight	kg	(lb)	23650	52140	24120	53180	24400	53790	24690	54430	24410	53810
	Ground pressure	kgf/cm ²	(psi)	0.5	7.18	0.44	6.28	0.39	5.55	0.35	5	0.45	6.35
	Overall width	mm	(ft-in)	3395	11'2"	3495	11'6"	3595	11'10"	3695	12'2"	3495	11'6"
	Link quantity	EA		49		49		49		49		49	

2) 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
700 mm double grouser	Option	B
800 mm triple grouser	Option	C
800 mm triple grouser (long reach)	Standard	C
900 mm triple grouser	Option	C

Table 2

Category	Applications	Precautions
A	Rocky ground, river beds, normal soil	<ul style="list-style-type: none">· 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	<ul style="list-style-type: none">· 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)	<ul style="list-style-type: none">· 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
Maker / Model	CUMMINS / B6.7
Type	4-cycle, turbocharged, charge air cooled, electronic 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	107 × 124 mm (4.21" × 4.88")
Displacement	6.7 ℓ (408 cu in)
Compression ratio	17.3 : 1
Gross power	173 Hp (129 kW) at 2200 rpm
Net power	170 Hp (127 kW) at 2200 rpm
Max. power	195 Hp (145 kW) at 2000 rpm
Peak Torque	881 N · m (650 lb · ft) at 1,300 rpm
Engine oil quantity	23.1 ℓ (6.1 U.S. gal)
Wet weight or Dry weight	583 kg (1,285 lb)
Starter motor	24 V-4.8 kW
Alternator	24 V-95 A

2) MAIN PUMP

Item	Specification
Type	Variable displacement tandem axis piston pumps
Capacity	2 × 130 cc/rev
Maximum pressure	350 kgf/cm ² (4980 psi) [380 kgf/cm ² (5400 psi)]
Rated oil flow	2 × 221 ℓ /min (58.4 U.S. gpm / 48.6 U.K. gpm)
Rated speed	1700 rpm

[] : Power boost

3) GEAR PUMP

Item	Specification
Type	Fixed displacement gear pump single stage
Capacity	10 cc/rev
Maximum pressure	40 kgf/cm ² (570 psi)
Rated oil flow	17 ℓ /min (4.5 U.S. gpm/3.7 U.K. gpm)

4) MAIN CONTROL VALVE

Item	Specification
Type	9 spools two-block
Operating method	Hydraulic pilot system
Main relief valve pressure	350 kgf/cm ² (4980 psi) [380 kgf/cm ² (5400 psi)] *1 350 kgf/cm ² (4980 psi) [Not applied power boost]
Port relief valve pressure	Boom 400 kgf/cm ² (5690 psi)
	Arm 400 kgf/cm ² (5690 psi), *1 300 kgf/cm ² (4270 psi)
	Bucket 400 kgf/cm ² (5690 psi), *1 280 kgf/cm ² (3980 psi)

[] : Power boost *1 : Long reach only

5) SWING MOTOR

Item	Specification
Type	Axial piston motor
Capacity	142.8 cc/rev
Relief pressure	290 kgf/cm ² (4125 psi)
Braking system	Automatic, spring applied hydraulic released
Braking torque	1183 kgf · m (8560 lbf · ft) over
Brake release pressure	20.9 kgf/cm ² (297 psi) over
Reduction gear type	2 - stage planetary

6) TRAVEL MOTOR

Item	Specification	
	HX220A L/LR	HX220A HW
Type	Variable displacement axial piston motor	
Capacity	171.2/108.5 cc/rev	182.4/105.4 cc/rev
Relief pressure	350 kgf/cm ² (4980 psi)	
Braking system	Automatic, spring applied hydraulic released	
Braking torque	3028 kgf · m (21900 lbf · ft)	3180 kgf · m (23000 lbf · ft)
Brake release pressure	13.5 kgf/cm ² (192 psi)	14.2 kgf/cm ² (202 psi)
Reduction gear type	2-stage planetary	

7) CYLINDER

Item		Specification
Boom cylinder	Bore dia × Stroke	Ø 120 × 1290 mm
	Cushion	Extend only
Arm cylinder	Bore dia × Stroke	Ø 140 × 1443 mm
	Cushion	Extend and retract
Adjust cylinder (2-piece boom)	Bore dia × Stroke	Ø 150 × 1300 mm
	Cushion	N/A
Arm cylinder (2-piece boom)	Bore dia × Stroke	Ø 140 × 1450 mm
	Cushion	Extend and retract
Bucket cylinder	Bore dia × Stroke	Ø 120 × 1060 mm
	Cushion	Extend only
Bucket cylinder (Long reach)	Bore dia × Stroke	Ø 95 × 900 mm
	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.

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)	40 (104)
Engine oil pan	Engine oil	23.1 (6.1)	★SAE 0W-40								
			SAE 5W-40								
			SAE 15W-40								
DEF/ AdBlue® tank	Mixture of urea and deionized water	48 (12.6)	ISO 22241, High-purity urea + deionized water (32.5:67.5)								
Swing drive	Gear oil	6.2 (1.6)	★SAE 75W-90								
Final drive		4.5 × 2 (1.2 × 2)		SAE 80W-90							
Hydraulic tank	Hydraulic oil	Tank 160 (42.3)	★ISO VG 15								
			ISO VG 32								
		System 275 (72.6)		ISO VG 46, HBHO VG 46★ ³							
			ISO VG 68								
Fuel tank	Diesel fuel★ ¹	400 (106)	★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	40 (10.6)	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

DEF : Diesel Exhaust Fluid, DEF compatible with AdBlue®

★ : Cold region (Russia, CIS, Mongolia)

★¹ : Ultra low sulfur diesel
- sulfur content ≤ 15 ppm

★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, as it may clog the diesel particulate filter(DPF).

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