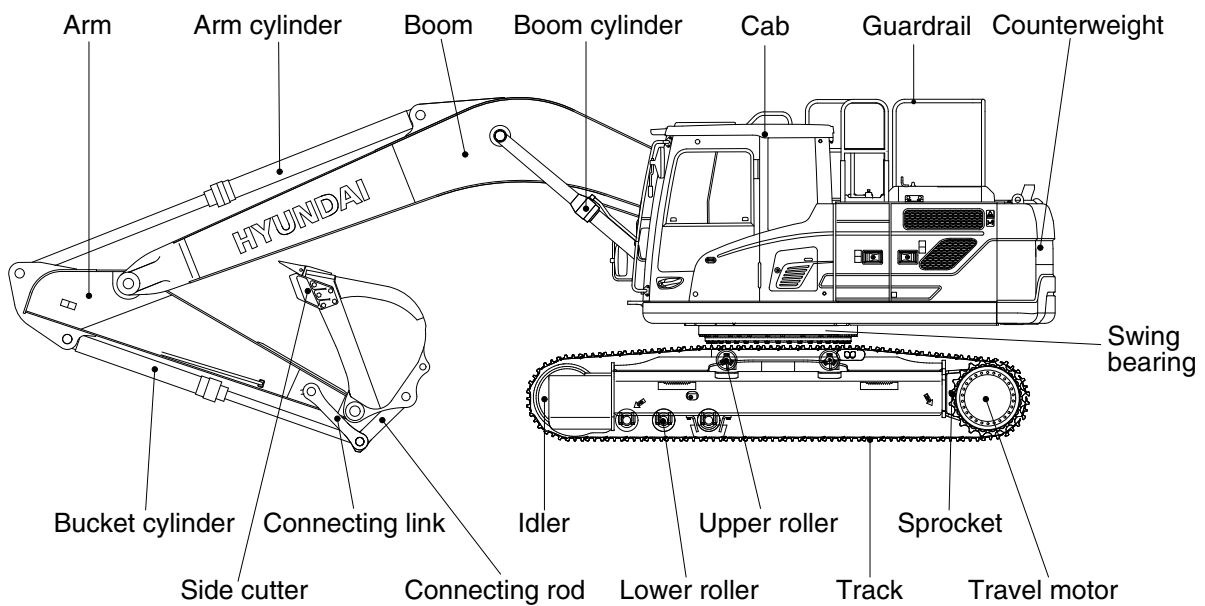
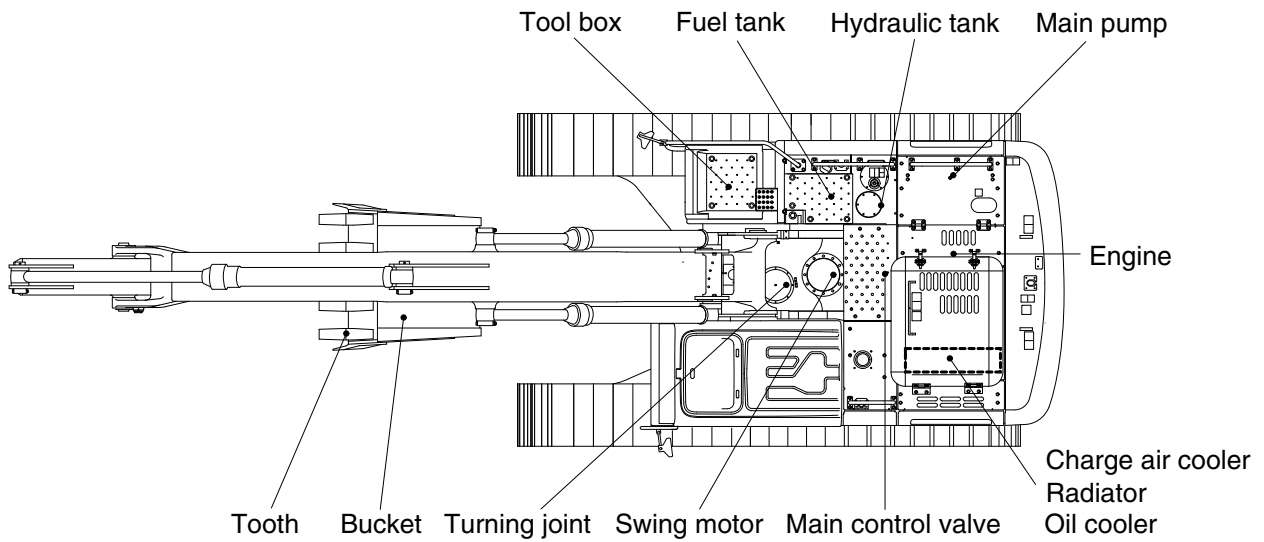


# SPECIFICATIONS

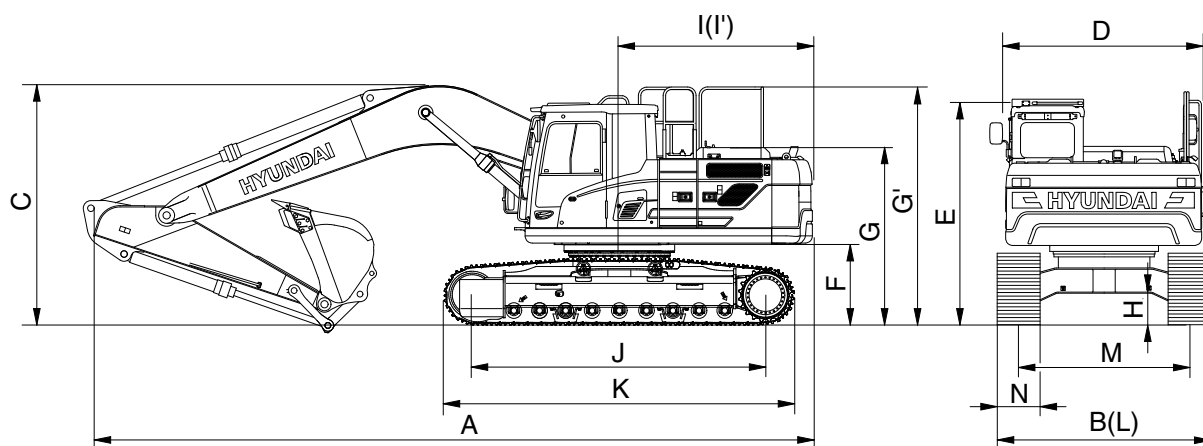
## 1. MAJOR COMPONENT



220SA2SP01B

## 2. SPECIFICATIONS

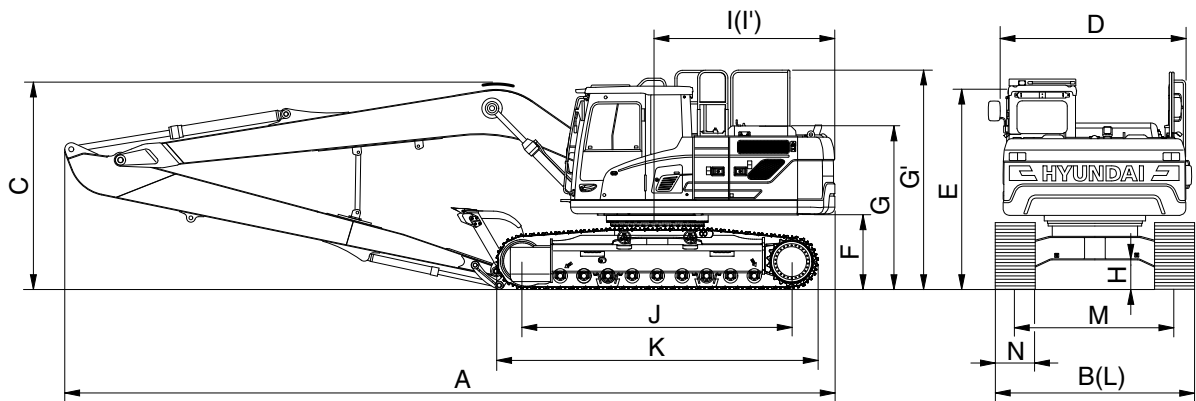
### 1) HX220LT3, MONO BOOM



220SA2SP02

Description	Unit		Specification			
	m (ft-in)	Boom	5.68 (18' 8")			
		Arm	2.92 (9' 7")	2.00 (6' 7")	2.40 (7' 10")	3.90 (12' 10")
	mm (in)	Shoe	600 (24)			
Operating weight	kg (lb)		21970 (48440)	21810 (48080)	21880 (48240)	22190 (48920)
Bucket capacity (SAE heaped), standard	m <sup>3</sup> (yd <sup>3</sup> )		0.92 (1.2)	0.92 (1.2)	0.92 (1.2)	0.92 (1.2)
Overall length	A	mm (ft-in)	9,530 (31' 3")	9,650 (31' 8")	9,570 (31' 5")	9,520 (31' 3")
Overall width	B		2,990 (9' 10")	2,990 (9' 10")	2,990 (9' 10")	2,990 (9' 10")
Overall height of boom	C		3,030 (9' 11")	3,200 (10' 6")	3,110 (10' 2")	3,480 (11' 5")
Superstructure width	D		2,740 (9' 0")	2,740 (9' 0")	2,740 (9' 0")	2,740 (9' 0")
Overall height of cab	E		3,000 (9' 10")	3,000 (9' 10")	3,000 (9' 10")	3,000 (9' 10")
Ground clearance of counterweight	F		1,060 (3' 6")	1,060 (3' 6")	1,060 (3' 6")	1,060 (3' 6")
Overall height of engine hood	G		2,371 (7' 9")	2,371 (7' 9")	2,371 (7' 9")	2,371 (7' 9")
Overall height of guardrail	G'		3,210 (10' 6")	3,210 (10' 6")	3,210 (10' 6")	3,210 (10' 6")
Minimum ground clearance	H		470 (1' 7")	470 (1' 7")	470 (1' 7")	470 (1' 7")
Rear-end distance	I		2,770 (9' 1")	2,770 (9' 1")	2,770 (9' 1")	2,770 (9' 1")
Rear-end swing radius	I'		2,890 (9' 6")	2,890 (9' 6")	2,890 (9' 6")	2,890 (9' 6")
Distance between tumblers	J		3,650 (12' 0")	3,650 (12' 0")	3,650 (12' 0")	3,650 (12' 0")
Undercarriage length	K		4,450 (14' 7")	4,450 (14' 7")	4,450 (14' 7")	4,450 (14' 7")
Undercarriage width	L		2,990 (9' 10")	2,990 (9' 10")	2,990 (9' 10")	2,990 (9' 10")
Track gauge	M		2,390 (7' 10")	2,390 (7' 10")	2,390 (7' 10")	2,390 (7' 10")
Track shoe width, standard	N		600 (2' 0")	600 (2' 0")	600 (2' 0")	600 (2' 0")
Travel speed (low/high)	km/hr (mph)		3.47/5.47	3.47/5.47	3.47/5.47	3.47/5.47
Swing speed	rpm		12.69	12.69	12.69	12.69
Gradeability	Degree (%)		35 (70)	35 (70)	35 (70)	35 (70)
Ground pressure	kgf/cm <sup>2</sup> (psi)		0.47 (6.67)	0.47 (6.62)	0.47 (6.64)	0.47 (6.74)
Max traction force	kg (lb)		21100 (46517)	21100 (46517)	21100 (46517)	21100 (46517)

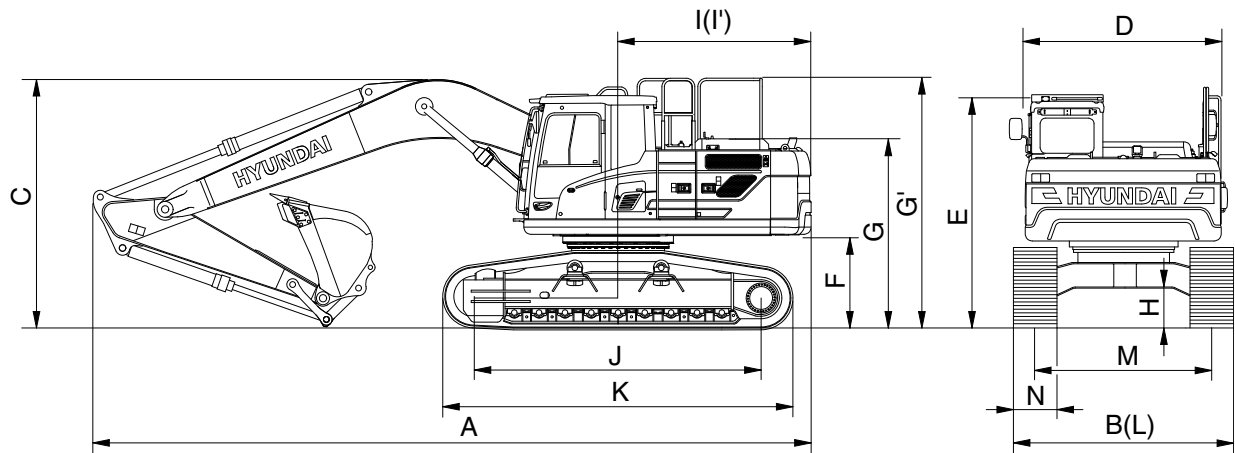
## 2) HX220LT3 LR



220SA2SP03

Description		Unit		Specification
		m (ft-in)	Boom	8.2 (26' 11")
			Arm	6.30 (20' 8")
		mm (in)	Shoe	800 (32)
Operating weight		kg (lb)		24700 (54450)
Bucket capacity (SAE heaped), standard		m <sup>3</sup> (yd <sup>3</sup> )		0.52 (0.68)
Overall length	A	mm (ft-in)		12030 (39' 6")
Overall width	B			3190 (10' 6")
Overall height of boom	C			3280 (10' 9")
Superstructure width	D			2740 (9' 0")
Overall height of cab	E			3000 (9' 10")
Ground clearance of counterweight	F			1060 (3' 6")
Overall height of engine hood	G			2371 (7' 9")
Overall height of guardrail	G'			3210 (10' 6")
Minimum ground clearance	H			470 (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			4450 (14' 7")
Undercarriage width	L			3190 (10' 6")
Track gauge	M			2390 (7' 10")
Track shoe width, standard	N			800 (2' 7")
Travel speed (low/high)		km/hr (mph)		3.47/5.47
Swing speed		rpm		12.69
Gradeability		Degree (%)		35 (70)
Ground pressure		kgf/cm <sup>2</sup> (psi)		0.40 (5.62)
Max traction force		kg (lb)		21100 (46517)

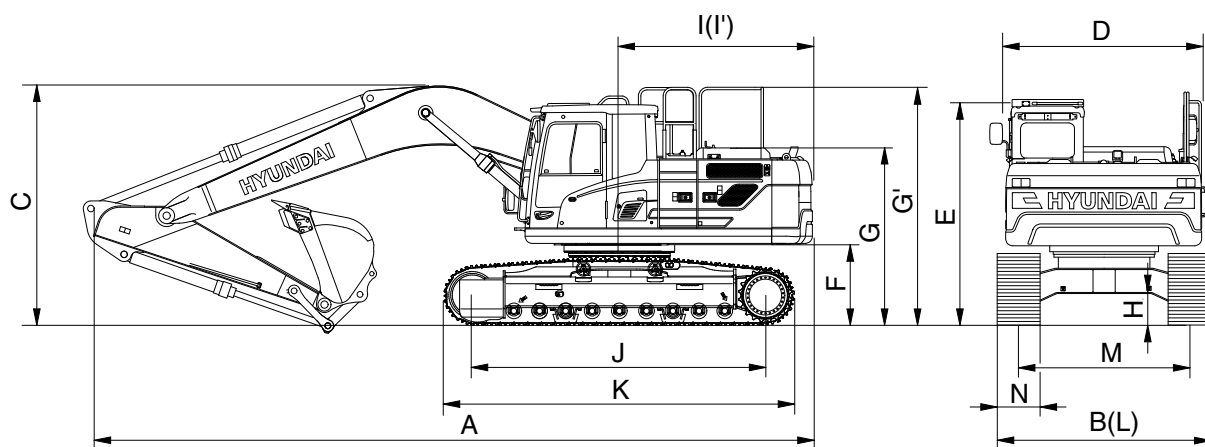
### 3) HX220LT3 HW, MONO BOOM



220SA2SP04

Description	Unit		Specification			
	m (ft-in)	Boom	5.68 (20' 6")			
		Arm	2.92 (9' 7")	2.00 (6' 7")	2.40 (7' 10")	3.90 (12' 10")
	mm (in)	Shoe	600 (24)			
Operating weight	kg (lb)		24080 (53090)	23920 (52730)	23980 (52870)	24300 (53570)
Bucket capacity (SAE heaped), standard	m <sup>3</sup> (yd <sup>3</sup> )		0.92 (1.2)	0.92 (1.2)	0.92 (1.2)	0.92 (1.2)
Overall length	A	mm (ft-in)	9470 (31' 1")	9650 (31' 8")	9550 (31' 4")	9560 (31' 4")
Overall width	B		3395 (11' 2")	3395 (11' 2")	3395 (11' 2")	3395 (11' 2")
Overall height of boom	C		3060 (10' 0")	3290 (10' 10")	3170 (10' 5")	3450 (11' 4")
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		2571 (8' 5")	2571 (8' 5")	2571 (8' 5")	2571 (8' 5")
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		4450 (14' 7")	4450 (14' 7")	4450 (14' 7")	4450 (14' 7")
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 (2' 0")	600 (2' 0")	600 (2' 0")	600 (2' 0")
Travel speed (low/high)	km/hr (mph)		3.47/5.47	3.47/5.47	3.47/5.47	3.47/5.47
Swing speed	rpm		12.69	12.69	12.69	12.69
Gradeability	Degree (%)		35 (70)	35 (70)	35 (70)	35 (70)
Ground pressure	kgf/cm <sup>2</sup> (psi)		0.51 (7.31)	0.51 (7.26)	0.51 (7.28)	0.52 (7.38)
Max traction force	kg (lb)		21100 (46517)	21100 (46517)	21100 (46517)	21100 (46517)

#### 4) HX220T3 SC

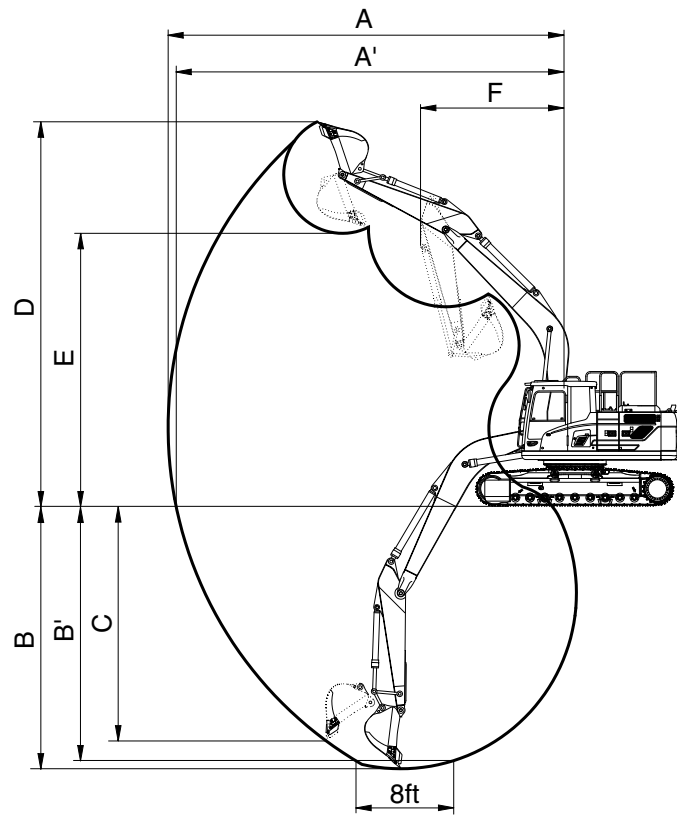


220SA2SP02

Description	Unit		Specification			
	m (ft-in)	Boom	5.68 (18' 8")			
		Arm	2.92 (9' 7")	2.00 (6' 7")	2.40 (7' 10")	3.90 (12' 10")
	mm (in)	Shoe	800 (32")			
Operating weight	kg (lb)		22140 (48810)	21980 (48460)	22040 (48590)	22350 (49270)
Bucket capacity (SAE heaped), standard	m <sup>3</sup> (yd <sup>3</sup> )		0.92 (1.2)	0.92 (1.2)	0.92 (1.2)	0.92 (1.2)
Overall length	A	mm (ft-in)	9530 (31' 3")	9650 (31' 8")	9570 (31' 5")	9520 (31' 3")
Overall width	B		3000 (9' 10")	3000 (9' 10")	3000 (9' 10")	3000 (9' 10")
Overall height of boom	C		3030 (9' 11")	3200 (10' 6")	3110 (10' 2")	3480 (11' 5")
Superstructure width	D		2740 (9' 0")	2740 (9' 0")	2740 (9' 0")	2740 (9' 0")
Overall height of cab	E		3000 (9' 10")	3000 (9' 10")	3000 (9' 10")	3000 (9' 10")
Ground clearance of counterweight	F		1060 (3' 6")	1060 (3' 6")	1060 (3' 6")	1060 (3' 6")
Overall height of engine hood	G		2371 (7' 9")	2371 (7' 9")	2371 (7' 9")	2371 (7' 9")
Overall height of guardrail	G'		3210 (10' 6")	3210 (10' 6")	3210 (10' 6")	3210 (10' 6")
Minimum ground clearance	H		472 (1' 7")	472 (1' 7")	472 (1' 7")	472 (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		3350 (11' 0")	3350 (11' 0")	3350 (11' 0")	3350 (11' 0")
Undercarriage length	K		4391 (14' 5")	4391 (14' 5")	4391 (14' 5")	4391 (14' 5")
Undercarriage width	L		3000 (9' 10")	3000 (9' 10")	3000 (9' 10")	3000 (9' 10")
Track gauge	M		2200 (7' 3")	2200 (7' 3")	2200 (7' 3")	2200 (7' 3")
Track shoe width, standard	N		800 (2' 7")	800 (2' 7")	800 (2' 7")	800 (2' 7")
Travel speed (low/high)	km/hr (mph)		3.47/5.47	3.47/5.47	3.47/5.47	3.47/5.47
Swing speed	rpm		12.69	12.69	12.69	12.69
Gradeability	Degree (%)		35 (70)	35 (70)	35 (70)	35 (70)
Ground pressure	kgf/cm <sup>2</sup> (psi)		0.35 (5.04)	0.35 (5.00)	0.35 (5.02)	0.36 (5.09)
Max traction force	kg (lb)		21100 (46517)	21100 (46517)	21100 (46517)	21100 (46517)

### 3. WORKING RANGE AND DIGGING FORCE

#### 1) HX220LT3, MONO BOOM

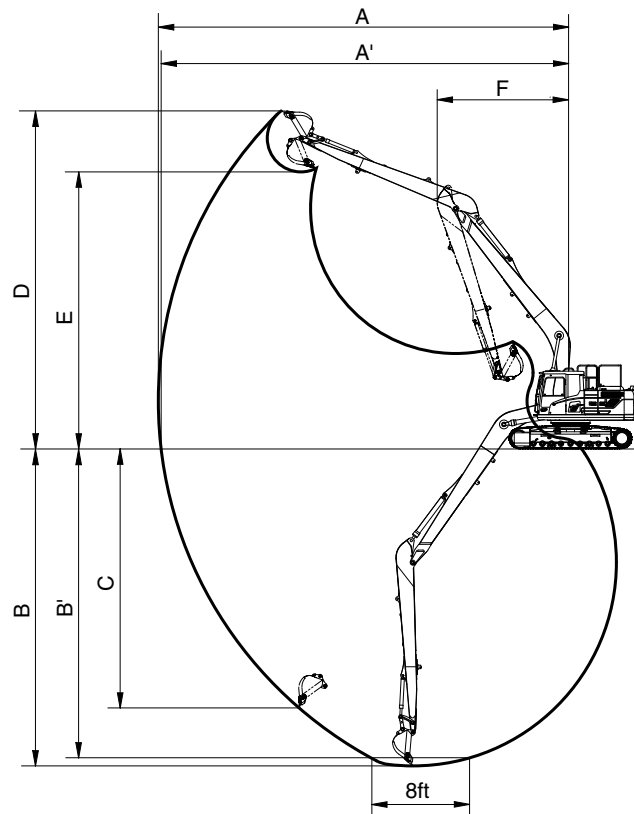


220SA2SP05

Description	m (ft-in)	Boom	5.68 (18' 8")			
		Arm	2.92 (9' 7")	2.00 (6' 7")	2.40 (7' 10")	3.90 (12' 10")
Max digging reach	mm (ft-in)	A	9980 ( 32' 9")	9140 ( 30' 0")	9500 ( 31' 2")	10910 ( 35' 10")
Max digging reach on ground		A'	9820 ( 32' 3")	8960 ( 29' 5")	9330 ( 30' 7")	10770 ( 35' 4")
Max digging depth		B	6730 ( 22' 1")	5820 ( 19' 1")	6220 ( 20' 5")	7720 ( 25' 4")
Max digging depth (8 ft level)		B'	6560 ( 21' 6")	5580 ( 18' 4")	6010 ( 19' 9")	7580 ( 24' 10")
Max vertical wall digging depth		C	6280 ( 20' 7")	5280 ( 17' 4")	5720 ( 18' 9")	7240 ( 23' 9")
Max digging height		D	9600 ( 31' 6")	9140 ( 30' 0")	9340 ( 30' 8")	10110 ( 33' 2")
Max dumping height		E	6780 ( 22' 3")	6330 ( 20' 9")	6520 ( 21' 5")	7290 ( 23' 11")
Min swing radius		F	3740 ( 12' 3")	3750 ( 12' 4")	3740 ( 12' 3")	3650 ( 12' 0")
Bucket digging force	kN	SAE	133.4 [144.8]	133.4 [144.8]	133.4 [144.8]	133.4 [144.8]
	kgf		13600 [14770]	13600 [14770]	13600 [14770]	13600 [14770]
	lbf		29980 [32560]	29980 [32560]	29980 [32560]	29980 [32560]
	kN	ISO	152.0 [165.0]	152.0 [165.0]	152.0 [165.0]	152.0 [165.0]
	kgf		15500 [16830]	15500 [16830]	15500 [16830]	15500 [16830]
	lbf		34170 [37100]	34170 [37100]	34170 [37100]	34170 [37100]
Arm digging force	kN	SAE	102.0 [110.7]	144.2 [156.5]	119.6 [129.9]	84.3 [91.6]
	kgf		10400 [11290]	14700 [15960]	12200 [13250]	8600 [9340]
	lbf		22930 [24890]	32410 [35190]	26900 [29210]	18960 [20590]
	kN	ISO	106.9 [116.0]	151.0 [164.0]	125.5 [136.3]	87.3 [94.7]
	kgf		10900 [11830]	15400 [16720]	12800 [13900]	8900 [9660]
	lbf		24030 [26080]	33950 [36860]	28220 [30640]	19620 [21300]

[ ] : Power boost

## 2) HX220LT3 LR

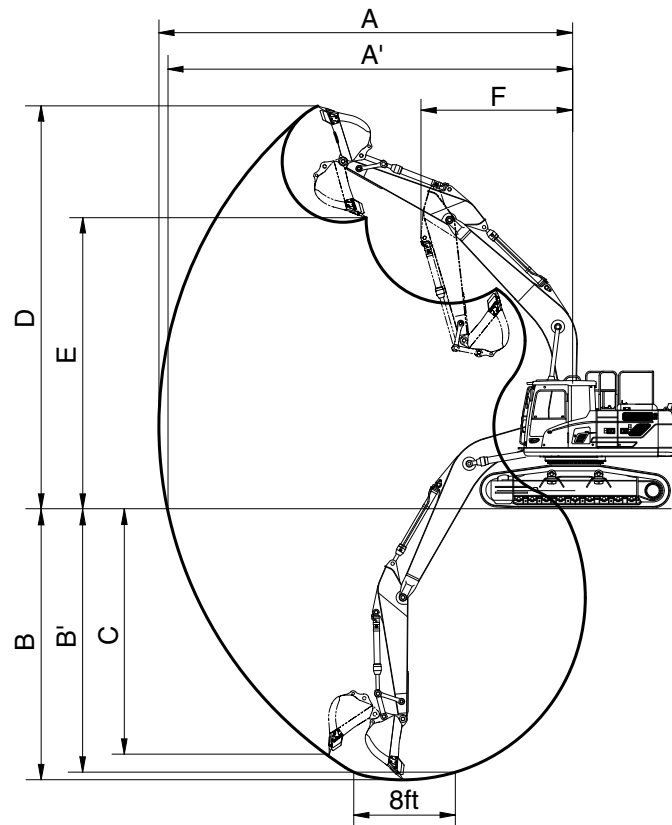


220SA2SP06

Description	m (ft-in)	Boom	8.2 (26' 11")
		Arm	6.30 (20' 8")
Max digging reach	mm (ft-in)	A	15220 ( 49' 11")
Max digging reach on ground		A'	15120 ( 49' 7")
Max digging depth		B	11760 ( 38' 7")
Max digging depth (8 ft level)		B'	11650 ( 38' 3")
Max vertical wall digging depth		C	9610 ( 31' 6")
Max digging height		D	12550 ( 41' 2")
Max dumping height		E	10280 ( 33' 9")
Min swing radius		F	4870 ( 16' 0")
Bucket digging force	kN	SAE	72.6 [78.7]
	kgf		7400 [8030]
	lbf		16310 [17700]
	kN	ISO	85.4 [92.8]
	kgf		8710 [9460]
	lbf		19200 [20860]
Arm digging force	kN	SAE	49.0 [53.3]
	kgf		5000 [5430]
	lbf		11020 [11970]
	kN	ISO	50.0 [54.3]
	kgf		5100 [5540]
	lbf		11240 [12210]

[ ] : Power boost

### 3) HX220LT3 HW



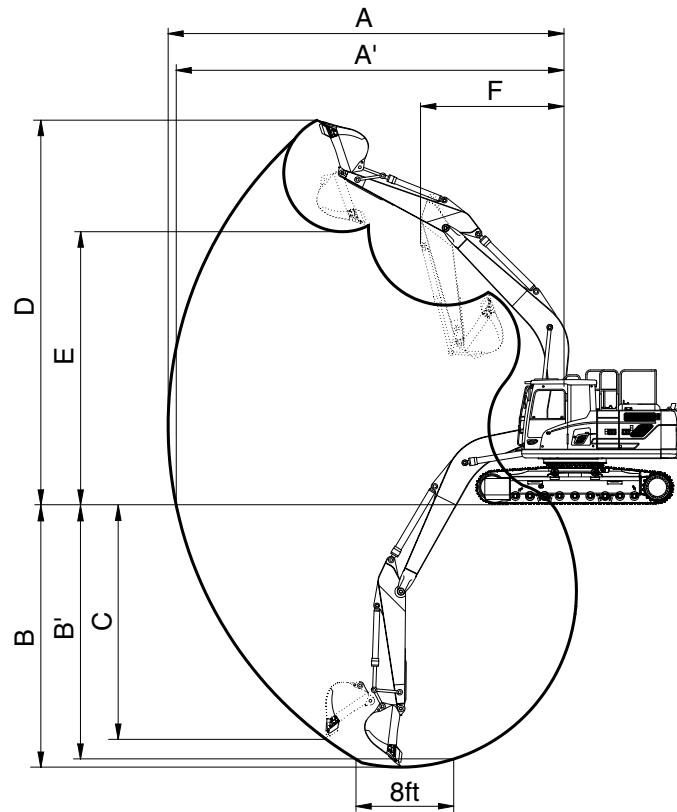
220SA2SP07

Description	m (ft-in)	Boom	5.68 (20' 6")			
		Arm	2.92 (9' 7")	2.00 (6' 7")	2.40 (7' 10")	3.90 (12' 10")
Max digging reach	mm (ft-in)	A	9980 ( 32' 9")	9140 ( 30' 0")	9500 ( 31' 2")	10910 ( 35' 10")
Max digging reach on ground		A'	9820 ( 32' 3")	8920 ( 29' 3")	9290 ( 30' 6")	10730 ( 35' 2")
Max digging depth		B	6550 ( 21' 6")	5630 ( 18' 6")	6010 ( 19' 9")	7530 ( 24' 8")
Max digging depth (8 ft level)		B'	6380 ( 20' 11")	5390 ( 17' 8")	5820 ( 19' 1")	7390 ( 24' 3")
Max vertical wall digging depth		C	6100 ( 20' 0")	5090 ( 16' 8")	5630 ( 18' 6")	7050 ( 23' 2")
Max digging height		D	9780 ( 32' 1")	9330 ( 30' 7")	9530 ( 31' 3")	10300 ( 33' 10")
Max dumping height		E	6960 ( 22' 10")	6520 ( 21' 5")	6710 ( 22' 0")	7480 ( 24' 6")
Min swing radius		F	3740 ( 12' 3")	3750 ( 12' 4")	3740 ( 12' 3")	3650 ( 12' 0")
Bucket digging force	kN	SAE	133.4 [144.8]	133.4 [144.8]	133.4 [144.8]	133.4 [144.8]
	kgf		13600 [14770]	13600 [14770]	13600 [14770]	13600 [14770]
	lbf		29980 [32560]	29980 [32560]	29980 [32560]	29980 [32560]
	kN	ISO	152.0 [165.0]	152.0 [165.0]	152.0 [165.0]	152.0 [165.0]
	kgf		15500 [16830]	15500 [16830]	15500 [16830]	15500 [16830]
	lbf		34170 [37100]	34170 [37100]	34170 [37100]	34170 [37100]
Arm digging force	kN	SAE	102.0 [110.7]	144.2 [156.5]	119.6 [129.9]	84.3 [91.6]
	kgf		10400 [11290]	14700 [15960]	12200 [13250]	8600 [9340]
	lbf		22930 [24890]	32410 [35190]	26900 [29210]	18960 [20590]
	kN	ISO	106.9 [116.0]	151.0 [164.0]	125.5 [136.3]	87.3 [94.7]
	kgf		10900 [11830]	15400 [16720]	12800 [13900]	8900 [9660]
	lbf		24030 [26080]	33950 [36860]	28220 [30640]	19620 [21300]

[ ] : Power boost



#### 4) HX220T3 SC



220SA2SP05

Description	m (ft-in)	Boom				
		Arm	5.68 (18' 8")			
			2.92 (9' 7")	2.00 (6' 7")	2.40 (7' 10")	3.90 (12' 10")
Max digging reach	mm (ft-in)	A	9980 (32' 9")	9140 (30' 0")	9500 (31' 2")	10910 (35' 10")
Max digging reach on ground		A'	9820 (32' 3")	8960 (29' 5")	9330 (30' 7")	10770 (35' 4")
Max digging depth		B	6730 (22' 1")	5820 (19' 1")	6220 (20' 5")	7720 (25' 4")
Max digging depth (8 ft level)		B'	6560 (21' 6")	5580 (18' 4")	6010 (19' 9")	7580 (24' 10")
Max vertical wall digging depth		C	6280 (20' 7")	5280 (17' 4")	5720 (18' 9")	7240 (23' 9")
Max digging height		D	9600 (31' 6")	9140 (30' 0")	9340 (30' 8")	10110 (33' 2")
Max dumping height		E	6780 (22' 3")	6330 (20' 9")	6520 (21' 5")	7290 (23' 11")
Min swing radius		F	3670 (12' 0")	3750 (12' 4")	3740 (12' 3")	3700 (12' 2")
Bucket digging force	kN	SAE	133.4 [144.8]	133.4 [144.8]	133.4 [144.8]	133.4 [144.8]
	kgf		13600 [14770]	13600 [14770]	13600 [14770]	13600 [14770]
	lbf		29980 [32560]	29980 [32560]	29980 [32560]	29980 [32560]
	kN	ISO	152.0 [165.0]	152.0 [165.0]	152.0 [165.0]	152.0 [165.0]
	kgf		15500 [16830]	15500 [16830]	15500 [16830]	15500 [16830]
	lbf		34170 [37100]	34170 [37100]	34170 [37100]	34170 [37100]
Arm digging force	kN	SAE	102.0 [110.7]	144.2 [156.5]	119.6 [129.9]	84.3 [91.6]
	kgf		10400 [11290]	14700 [15960]	12200 [13250]	8600 [9340]
	lbf		22930 [24890]	32410 [35190]	26900 [29210]	18960 [20590]
	kN	ISO	106.9 [116.0]	151.0 [164.0]	125.5 [136.3]	87.3 [94.7]
	kgf		10900 [11830]	15400 [16720]	12800 [13900]	8900 [9660]
	lbf		24030 [26080]	33950 [36860]	28220 [30640]	19620 [21300]

[ ] : Power boost

## 4. WEIGHT

Item	HX220LT3		HX220LT3 LR		HX220LT3 HW		HX220T3 SC	
	kg	lb	kg	lb	kg	lb	kg	lb
Upperstructure assembly								
· Main frame weld assembly	1,790	3,950	1,790	3,950	1,825	4,020	1,790	3,950
· Engine assembly	552	1,217	552	1,217	552	1,217	552	1,217
· Main pump assembly	146	320	146	320	146	320	146	320
· Main control valve assembly	220	490	220	490	220	490	220	490
· Swing motor assembly	236	520	236	520	236	520	236	520
· Hydraulic oil tank WA	263	580	263	580	263	580	263	580
· Fuel tank WA	218	480	218	480	218	480	218	480
· Counterweight	3,800	8,380	5,300	11,680	3,800	8,380	3,800	8,380
· Cab assembly	422	930	422	930	422	930	422	930
Lower chassis assembly								
· Track frame weld assembly	2,530	5,580	2,530	5,580	3,605	7,950	2,310	5,090
· Swing bearing	280	620	280	620	280	620	280	620
· Travel motor assembly (2EA)	609	1,340	609	1,340	609	1,340	609	1,340
· Turning joint	57	130	57	130	57	130	57	130
· Sprocket (2EA)	112	250	112	250	103	230	112	250
· Track recoil spring (2EA)	279	620	279	620	326	720	285	630
· Idler (2EA)	301	660	301	660	301	660	301	660
· Carrier roller (2EA)	93	210	93	210	177	390	82	180
· Track roller (18EA)	797	1,760	797	1,760	797	1,760	675	1,490
· Track-chain assembly (600 mm triple grouser shoe) (2EA)	2,712	5,980	-	-	-	-	-	-
· Track-chain assembly (600 mm triple grouser shoe) (2EA)	2,902	6,400	-	-	2,902	6,400	2,706	5,970
· Track-chain assembly (700 mm triple grouser shoe) (2EA)	3,184	7,020	-	-	3,184	7,020	-	-
· Track-chain assembly (800 mm triple grouser shoe) (2EA)	3,468	7,650	3,468	7,650	3,468	7,650	3,238	7,140
· Track-chain assembly (900 mm triple grouser shoe) (2EA)	3,750	8,270	-	-	3,750	8,270	-	-
· Track-chain assembly (700 mm double grouser shoe) (2EA)	3,458	7,620	-	-	3,458	7,620	-	-
Front attachment assembly								
· 5.68 m boom assembly	1,520	3,350	-	-	1,520	3,350	1,520	3,350
· 2.92 m arm assembly	750	1,650	-	-	750	1,650	750	1,650
· 0.92 m³ SAE heaped bucket	765	1,690	-	-	765	1,690	765	1,690
· 8.2 m boom assembly	-	-	2,105	4,640	-	-	-	-
· 6.3 m arm assembly	-	-	1,100	2,430	-	-	-	-
· 0.52 m³ SAE heaped bucket	-	-	465	1,030	-	-	-	-
· Boom cylinder assembly (2EA)	180	400	180	400	180	400	180	400
· Arm cylinder assembly	290	640	270	600	290	640	290	640
· Bucket cylinder assembly	175	390	130	290	175	390	175	390
· Bucket control linkage total	170	370	170	370	170	370	170	370

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

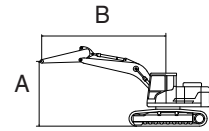
※ Refer to Transportation for actual weight information and Specifications for operating weight.











## 5. LIFTING CAPACITIES

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX220LT3	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5680	2000	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									*5720 *12610	*5720 *12610	5.00 (16.4)
6.0 m (19.7 ft)	kg lb					*5470 *12060	5190 11440			*5540 *12210	4720 10410	6.35 (20.8)
4.5 m (14.8 ft)	kg lb			*6900 *15210	*6900 *15210	*5820 *12830	5070 11180			*5580 *12300	3860 8510	7.14 (23.4)
3.0 m (9.8 ft)	kg lb			*8710 *19200	7290 16070	*6560 *14460	4850 10690	5400 11900	3500 7720	5340 11770	3460 7630	7.55 (24.8)
1.5 m (4.9 ft)	kg lb					*7280 *16050	4650 10250	5310 11710	3420 7540	5170 11400	3330 7340	7.64 (25.1)
0.0 m (0.0 ft)	kg lb			*10550 *23260	6770 14930	7250 15980	4540 10010			5340 11770	3420 7540	7.43 (24.4)
-1.5 m (-4.9 ft)	kg lb			*10260 *22620	6790 14970	7240 15960	4530 9990			5960 13140	3800 8380	6.88 (22.6)
-3.0 m (-9.8 ft)	kg lb	*12440 *27430	*12440 *27430	*9170 *20220	6920 15260					*6700 *14770	4760 10490	5.91 (19.4)

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.

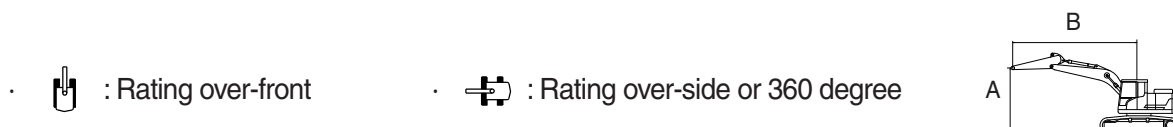
The difference between the weight of a work tool attachment must be subtracted.











Consult 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.

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX220LT3	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5680	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									*5080 *11200	*5080 *11200	5.58 (18.3)
6.0 m (19.7 ft)	kg lb					*4910 *10820	*4910 *10820			*4610 *10160	4150 9150	6.81 (22.4)
4.5 m (14.8 ft)	kg lb			*6210 *13690	*6210 *13690	*5360 *11820	5000 11020	*4990 *11000	3520 7760	*4490 *9900	3480 7670	7.55 (24.8)
3.0 m (9.8 ft)	kg lb			*8050 *17750	7260 16010	*6170 *13600	4790 10560	5350 11790	3450 7610	*4580 *10100	3160 6970	7.94 (26.1)
1.5 m (4.9 ft)	kg lb			*9670 *21320	6870 15150	*7000 *15430	4600 10140	5270 11620	3370 7430	4770 10520	3070 6770	8.03 (26.3)
0.0 m (0.0 ft)	kg lb			*10430 *22990	6730 14840	7210 15900	4490 9900	5220 11510	3330 7340	4920 10850	3150 6940	7.83 (25.7)
-1.5 m (-4.9 ft)	kg lb	*10820 *23850	*10820 *23850	*10400 *22930	6750 14880	7200 15870	4490 9900			5450 12020	3480 7670	7.31 (24.0)
-3.0 m (-9.8 ft)	kg lb	*13460 *29670	*13460 *29670	*9600 *21160	6900 15210	*7040 *15520	4610 10160			*6380 *14070	4250 9370	6.41 (21.0)
-4.5 m (-14.8 ft)	kg lb			*7300 *16090	7250 15980					*6460 *14240	6460 14240	4.89 (16.0)

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.

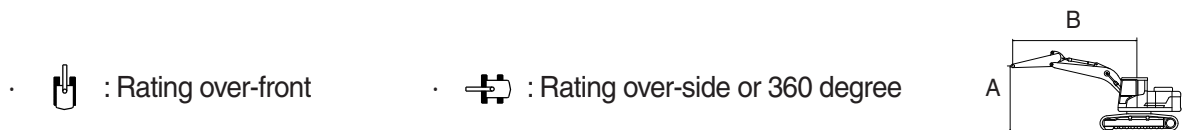
The difference between the weight of a work tool attachment must be subtracted.













Consult 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.

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX220LT3	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5680	2920	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							*4440	*4440			*3370	*3370	6.26
	lb							*9790	*9790			*7430	*7430	(20.5)
6.0 m (19.7 ft)	kg							*4340	*4340			*3100	*3100	7.38
	lb							*9570	*9570			*6830	*6830	(24.2)
4.5 m (14.8 ft)	kg							*4850	*4850	*4640	3530	*3020	*3020	8.07
	lb							*10690	*10690	*10230	7780	*6660	*6660	(26.5)
3.0 m (9.8 ft)	kg					*7270	*7270	*5700	4800	*5010	3430	*3070	2850	8.43
	lb					*16030	*16030	*12570	10580	*11050	7560	*6770	6280	(27.7)
1.5 m (4.9 ft)	kg					*9050	6880	*6610	4570	5230	3320	*3250	2760	8.51
	lb					*19950	15170	*14570	10080	11530	7320	*7170	6080	(27.9)
0.0 m (0.0 ft)	kg			*5920	*5920	*10100	6650	7150	4430	5150	3250	*3590	2830	8.32
	lb			*13050	*13050	*22270	14660	15760	9770	11350	7170	*7910	6240	(27.3)
-1.5 m (-4.9 ft)	kg	*6500	*6500	*10390	*10390	*10360	6610	7100	4380	5140	3250	*4200	3080	7.84
	lb	*14330	*14330	*22910	*22910	*22840	14570	15650	9660	11330	7170	*9260	6790	(25.7)
-3.0 m (-9.8 ft)	kg	*11110	*11110	*14290	13180	*9870	6720	7180	4450			*5420	3650	7.01
	lb	*24490	*24490	*31500	29060	*21760	14820	15830	9810			*11950	8050	(23.0)
-4.5 m (-14.8 ft)	kg			*11780	*11780	*8290	6980					*6160	5080	5.66
	lb			*25970	*25970	*18280	15390					*13580	11200	(18.6)

Note 1. Lifting capacity are based on ISO 10567.

- Lifting capacity of the HX series does not exceed 75% of tipping load with the machine on firm, level ground or 87% of full hydraulic capacity.
- The Lift-point is bucket pivot mounting pin on the arm (without bucket mass).
- \*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.

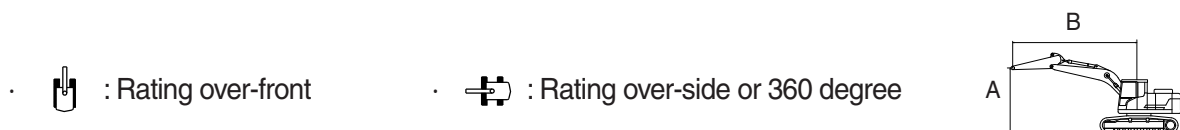
The difference between the weight of a work tool attachment must be subtracted.













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.

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX220LT3	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5680	2920	3800	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)		Capacity		Reach
														m (ft)
7.5 m (24.6 ft)	kg							*4440	*4440			*3370	*3370	6.26
	lb							*9790	*9790			*7430	*7430	(20.5)
6.0 m (19.7 ft)	kg							*4340	*4340			*3100	*3100	7.38
	lb							*9570	*9570			*6830	*6830	(24.2)
4.5 m (14.8 ft)	kg							*4850	*4850	*4640	3530	*3020	*3020	8.07
	lb							*10690	*10690	*10230	7780	*6660	*6660	(26.5)
3.0 m (9.8 ft)	kg					*7270	*7270	*5700	4800	*5010	3430	*3070	2850	8.43
	lb					*16030	*16030	*12570	10580	*11050	7560	*6770	6280	(27.7)
1.5 m (4.9 ft)	kg					*9050	6880	*6610	4570	5230	3320	*3250	2760	8.51
	lb					*19950	15170	*14570	10080	11530	7320	*7170	6080	(27.9)
0.0 m (0.0 ft)	kg			*5920	*5920	*10100	6650	7150	4430	5150	3250	*3590	2830	8.32
	lb			*13050	*13050	*22270	14660	15760	9770	11350	7170	*7910	6240	(27.3)
-1.5 m (-4.9 ft)	kg	*6500	*6500	*10390	*10390	*10360	6610	7100	4380	5140	3250	*4200	3080	7.84
	lb	*14330	*14330	*22910	*22910	*22840	14570	15650	9660	11330	7170	*9260	6790	(25.7)
-3.0 m (-9.8 ft)	kg	*11110	*11110	*14290	13180	*9870	6720	7180	4450			*5420	3650	7.01
	lb	*24490	*24490	*31500	29060	*21760	14820	15830	9810			*11950	8050	(23.0)
-4.5 m (-14.8 ft)	kg			*11780	*11780	*8290	6980					*6160	5080	5.66
	lb			*25970	*25970	*18280	15390					*13580	11200	(18.6)

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.

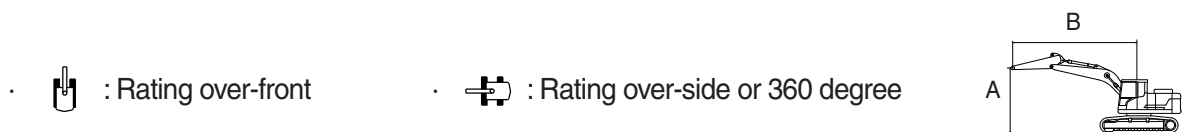
The difference between the weight of a work tool attachment must be subtracted.















Consult 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.

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX220LT3	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5680	3900	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)		9.0 m (29.5 ft)		Capacity		Reach
																m (ft)
7.5 m (24.6 ft)	kg lb													*2330 *5140	*2330 *5140	7.49 (24.6)
6.0 m (19.7 ft)	kg lb									*3610 *7960	*3610 *7960			*2170 *4780	*2170 *4780	8.44 (27.7)
4.5 m (14.8 ft)	kg lb									*3850 *8490	3570 7870	*2330 *5140	*2330 *5140	*2120 *4670	*2120 *4670	9.05 (29.7)
3.0 m (9.8 ft)	kg lb					*5750 *12680	*5750 *12680	*4790 *10560	*4790 *10560	*4320 *9520	3430 7560	*3540 *7800	2540 5600	*2150 *4740	*2150 *4740	9.37 (30.7)
1.5 m (4.9 ft)	kg lb			*8640 *19050	*8640 *19050	*7760 *17110	7000 15430	*5810 *12810	4590 10120	*4880 *10760	3290 7250	3920 8640	2480 5470	*2250 *4960	*2250 *4960	9.45 (31.0)
0.0 m (0.0 ft)	kg lb			*7210 *15900	*7210 *15900	*9280 *20460	6600 14550	*6710 *14790	4360 9610	5060 11160	3170 6990	3870 8530	2430 5360	*2450 *5400	2330 5140	9.28 (30.4)
-1.5 m (-4.9 ft)	kg lb	*5430 *11970	*5430 *11970	*9360 *20640	*9360 *20640	*10050 *22160	6430 14180	6960 15340	4250 9370	5000 11020	3110 6860			*2780 *6130	2480 5470	8.85 (29.0)
-3.0 m (-9.8 ft)	kg lb	*8510 *18760	*8510 *18760	*13040 *28750	12640 27870	*10100 *22270	6450 14220	6960 15340	4240 9350	5020 11070	3130 6900			*3390 *7470	2830 6240	8.12 (26.6)
-4.5 m (-14.8 ft)	kg lb	*12370 *27270	*12370 *27270	*13730 *30270	13000 28660	*9330 *20570	6610 14570	*6810 *15010	4360 9610					*4660 *10270	3580 7890	6.99 (22.9)
-6.0 m (-19.7 ft)	kg lb			*10370 *22860	*10370 *22860	*7020 *15480	6990 15410							*5650 *12460	*5650 *12460	5.21 (17.1)

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.

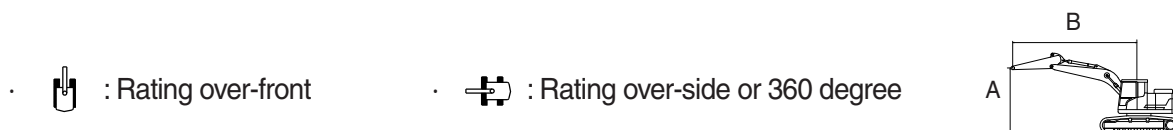
Consult your HD Hyundai Construction Equipment dealer regarding the lifting capacities for specific work tools and attachments.





















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.



Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX220LT3	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		8200	6300	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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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10.5m 34.4ft	kg lb														*1190 *2620	*1190 *2620					*880 *1940	*880 *1940	10.88 (35.7)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
9.0m 29.5ft	kg lb																				*830 *1830	*830 *1830	11.94 (39.2)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
7.5m 24.6ft	kg lb														*1880 *4140	*1880 *4140	*1420 *3130	*1420 *3130			*800 *1760	*800 *1760	12.74 (41.8)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
6.0m 19.7ft	kg lb														*2000 *4410	*2000 *4410	*1790 *3950	*1790 *3950			*800 *1760	*800 *1760	13.31 (43.7)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
4.5m 14.8ft	kg lb													*2300 *5070	*2300 *5070	*2190 *4830	*2190 *4830	*2090 *4610	1990 4390	*1060 *2340	*1060 *2340	*810 *1790	*810 *1790	13.70 (45.0)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
3.0m 9.8ft	kg lb														*3000 *6610	*3000 *6610	*2640 *5820	*2640 *5820	*2420 *5340	*2420 *5340	*2270 *5000	1910 4210	*1340 *2950	*1340 *2950	*840 *1850	*840 *1850	13.92 (45.7)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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Note 1. Lifting capacity are based on ISO 10567.

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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.

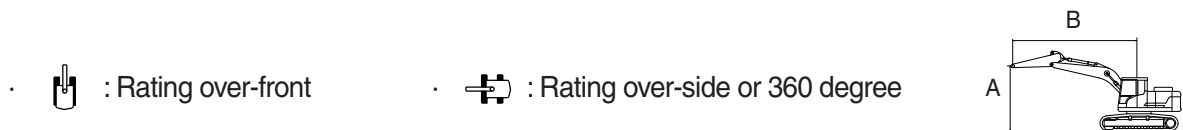
Consult your HD Hyundai Construction Equipment dealer regarding the lifting capacities for specific work tools and attachments.











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



Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX220LT3 HW	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5680	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									*5550 *12240	*5550 *12240	5.23 (17.2)
6.0 m (19.7 ft)	kg lb					*5380 *11860	*5380 *11860			*5460 *12040	4750 10470	6.49 (21.3)
4.5 m (14.8 ft)	kg lb			*7010 *15450	*7010 *15450	*5820 *12830	5250 11570			*5540 *12210	3970 8750	7.22 (23.7)
3.0 m (9.8 ft)	kg lb			*8860 *19530	7560 16670	*6600 *14550	5050 11130	5680 12520	3680 8110	5600 12350	3630 8000	7.58 (24.9)
1.5 m (4.9 ft)	kg lb					*7330 *16160	4900 10800	5620 12390	3630 8000	5490 12100	3550 7830	7.63 (25.0)
0.0 m (0.0 ft)	kg lb			*10560 *23280	7220 15920	7690 16950	4830 10650			5750 12680	3700 8160	7.37 (24.2)
-1.5 m (-4.9 ft)	kg lb	*12460 *27470	*12460 *27470	*10210 *22510	7300 16090	*7600 *16760	4870 10740			6530 14400	4180 9220	6.77 (22.2)
-3.0 m (-9.8 ft)	kg lb	*12250 *27010	*12250 *27010	*9000 *19840	7500 16530					*6790 *14970	5390 11880	5.72 (18.8)

Note 1. Lifting capacity are based on ISO 10567.

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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.

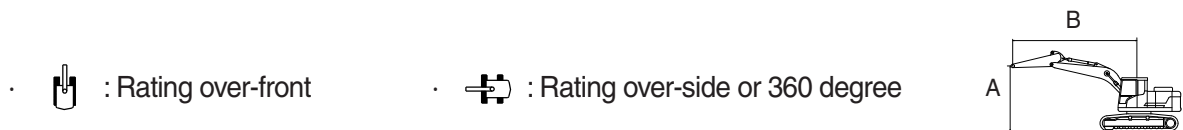
The difference between the weight of a work tool attachment must be subtracted.











Consult 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.

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX220LT3 HW	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5680	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									*4980 *10980	*4980 *10980	5.79 (19.0)
6.0 m (19.7 ft)	kg lb					*4940 *10890	*4940 *10890			*4580 *10100	4280 9440	6.94 (22.8)
4.5 m (14.8 ft)	kg lb			*6440 *14200	*6440 *14200	*5460 *12040	5280 11640	*5150 *11350	3740 8250	*4490 *9900	3640 8020	7.63 (25.0)
3.0 m (9.8 ft)	kg lb			*8310 *18320	7640 16840	*6290 *13870	5060 11160	*5450 *12020	3670 8090	*4600 *10140	3350 7390	7.97 (26.2)
1.5 m (4.9 ft)	kg lb			*9830 *21670	7280 16050	*7100 *15650	4880 10760	5590 12320	3590 7910	*4920 *10850	3280 7230	8.02 (26.3)
0.0 m (0.0 ft)	kg lb			*10460 *23060	7170 15810	*7610 *16780	4790 10560	5550 12240	3560 7850	5290 11660	3400 7500	7.78 (25.5)
-1.5 m (-4.9 ft)	kg lb	*11870 *26170	*11870 *26170	*10340 *22800	7210 15900	*7640 *16840	4800 10580			5910 13030	3790 8360	7.21 (23.7)
-3.0 m (-9.8 ft)	kg lb	*13150 *28990	*13150 *28990	*9410 *20750	7380 16270	*6840 *15080	4940 10890			*6410 *14130	4710 10380	6.24 (20.5)
-4.5 m (-14.8 ft)	kg lb											

Note 1. Lifting capacity are based on ISO 10567.

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

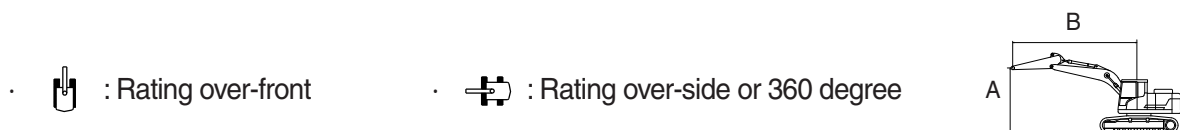
The difference between the weight of a work tool attachment must be subtracted.













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.

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX220LT3 HW	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5680	3900	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							*4360 *9610	*4360 *9610			*3310 *7300	*3310 *7300	6.45 (21.2)
6.0 m (19.7 ft)	kg lb							*4380 *9660	*4380 *9660	*3070 *6770	*3070 *6770	*3080 *6790	*3080 *6790	7.50 (24.6)
4.5 m (14.8 ft)	kg lb							*4960 *10930	*4960 *10930	*4680 *10320	3750 8270	*3020 *6660	*3020 *6660	8.14 (26.7)
3.0 m (9.8 ft)	kg lb					*7540 *16620	*7540 *16620	*5830 *12850	5070 11180	*5070 *11180	3640 8020	*3090 *6810	3030 6680	8.46 (27.7)
1.5 m (4.9 ft)	kg lb					*9250 *20390	7270 16030	*6720 *14820	4850 10690	*5530 *12190	3540 7800	*3290 *7250	2960 6530	8.50 (27.9)
0.0 m (0.0 ft)	kg lb			*6490 *14310	*6490 *14310	*10180 *22440	7070 15590	*7360 *16230	4720 10410	5470 12060	3480 7670	*3650 *8050	3050 6720	8.27 (27.1)
-1.5 m (-4.9 ft)	kg lb	*7130 *15720	*7130 *15720	*11120 *24520	*11120 *24520	*10340 *22800	7060 15560	7560 16670	4690 10340	5480 12080	3490 7690	*4320 *9520	3350 7390	7.75 (25.4)
-3.0 m (-9.8 ft)	kg lb	*11830 *26080	*11830 *26080	*14040 *30950	*14040 *30950	*9740 *21470	7190 15850	*7170 *15810	4770 10520			*5680 *12520	4030 8880	6.85 (22.5)
-4.5 m (-14.8 ft)	kg lb			*11260 *24820	*11260 *24820	*7900 *17420	7480 16490					*6170 *13600	5800 12790	5.40 (17.7)

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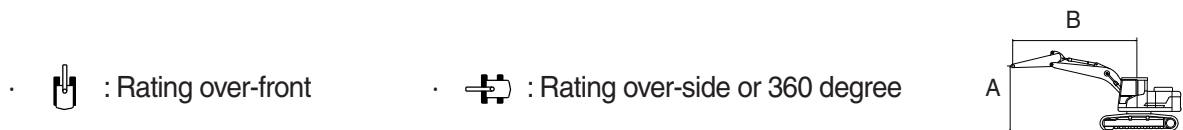
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


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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.

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX220LT3 HW	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5680	3900	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)		9.0 m (29.5 ft)		Capacity		Reach
																m (ft)
7.5 m (24.6 ft)	kg lb									*2780 *6130	*2780 *6130			*2300 *5070	*2300 *5070	7.65 (25.1)
6.0 m (19.7 ft)	kg lb									*3620 *7980	*3620 *7980			*2160 *4760	*2160 *4760	8.55 (28.0)
4.5 m (14.8 ft)	kg lb							*4000 *8820	*4000 *8820	*3900 *8600	3780 8330	*2570 *5670	*2570 *5670	*2120 *4670	*2120 *4670	9.11 (29.9)
3.0 m (9.8 ft)	kg lb			*8930 *19690	*8930 *19690	*6040 *13320	*6040 *13320	*4930 *10870	*4930 *10870	*4400 *9700	3640 8020	*3640 *8020	2720 6000	*2160 *4760	*2160 *4760	9.40 (30.8)
1.5 m (4.9 ft)	kg lb			*7880 *17370	*7880 *17370	*8010 *17660	7370 16250	*5950 *13120	4850 10690	*4960 *10930	3500 7720	*4110 *9060	2650 5840	*2270 *5000	*2270 *5000	9.44 (31.0)
0.0 m (0.0 ft)	kg lb			*7400 *16310	*7400 *16310	*9430 *20790	7000 15430	*6810 *15010	4640 10230	5380 11860	3380 7450	*3750 *8270	2610 5750	*2480 *5470	*2480 *5470	9.23 (30.3)
-1.5 m (-4.9 ft)	kg lb	*5840 *12870	*5840 *12870	*9790 *21580	*9790 *21580	*10100 *22270	6870 15150	*7320 *16140	4540 10010	5330 11750	3330 7340			*2850 *6280	2710 5970	8.76 (28.8)
-3.0 m (-9.8 ft)	kg lb	*8990 *19820	*8990 *19820	*13690 *30180	13510 29780	*10050 *22160	6910 15230	*7360 *16230	4550 10030	5370 11840	3370 7430			*3510 *7740	3120 6880	7.99 (26.2)
-4.5 m (-14.8 ft)	kg lb	*13030 *28730	*13030 *28730	*13390 *29520	*13390 *29520	*9140 *20150	7090 15630	*6630 *14620	4700 10360					*4960 *10930	4010 8840	6.79 (22.3)
-6.0 m (-19.7 ft)	kg lb					*6410 *14130	*6410 *14130									

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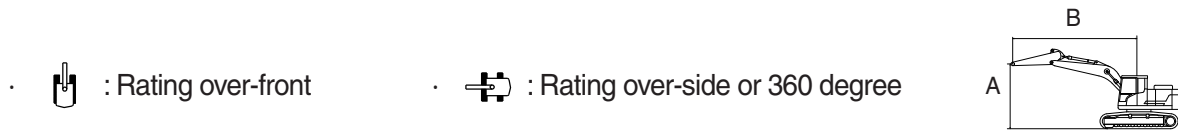
The difference between the weight of a work tool attachment must be subtracted.























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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.

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX220LT3 HW	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		8200	6300	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)
10.5m 34.4ft	kg lb														*1300 *2870	*1300 *2870					*870 *1920	*870 *1920	11.05 (36.2)	
9.0m 29.5ft	kg lb																*890 *1960	*890 *1960			*820 *1810	*820 *1810	12.07 (39.6)	
7.5m 24.6ft	kg lb														*1890 *4170	*1890 *4170	*1480 *3260	*1480 *3260			*800 *1760	*800 *1760	12.83 (42.1)	
6.0m 19.7ft	kg lb														*2030 *4480	*2030 *4480	*1830 *4030	*1830 *4030			*800 *1760	*800 *1760	13.38 (43.9)	
4.5m 14.8ft	kg lb													*2350 *5180	*2350 *5180	*2220 *4890	*2220 *4890	*2130 *4700	2040 4500	*1110 *2450	*1110 *2450	*810 *1790	*810 *1790	13.74 (45.1)
3.0m 9.8ft	kg lb							*3700 *8160	*3700 *8160	*3070 *6770	*3070 *6770	*2700 *5950	*2700 *5950	*2450 *5400	*2450 *5400	*2290 *5050	1960 4320	*1370 *3020	*1370 *3020	*840 *1850	*840 *1850	13.93 (45.7)		
1.5m 4.9ft	kg lb			*2610 *5750	*2610 *5750	*6580 *14510	*6580 *14510	*4620 *10190	*4620 *10190	*3640 *8020	*3640 *8020	*3060 *6750	2990 6590	*2700 *5950	2350 5180	*2460 *5420	1870 4120	*1510 *3330	1500 3310	*890 *1960	*890 *1960	13.96 (45.8)		
0.0m 0.0ft	kg lb			*2470 *5450	*2470 *5450	*6050 *13340	*6050 *13340	*5390 *11880	4890 10780	*4140 *9130	3620 7980	*3410 *7520	2800 6170	*2940 *6480	2220 4890	*2620 *5780	1790 3950	*1460 *3220	1460 3220	*970 *2140	*970 *2140	13.82 (45.4)		
-1.5m -4.9ft	kg lb	*2120 *4670	*2120 *4670	*3080 *6790	*3080 *6790	*5630 *12410	*5630 *12410	*5940 *13100	4590 10120	*4550 *10030	3400 7500	*3700 *8160	2650 5840	*3150 *6940	2120 4670	*2760 *6080	1720 3790	*1110 *2450	*1110 *2450	*1070 *2360	*1070 *2360	13.52 (44.4)		
-3.0m -9.8ft	kg lb	*3000 *6610	*3000 *6610	*3940 *8690	*3940 *8690	*6160 *13580	*6160 *13580	*6250 *13780	4430 9770	*4820 *10630	3270 7210	*3910 *8620	2550 5620	*3290 *7250	2050 4520	2790 6150	1680 3700			*1220 *2690	*1220 *2690	13.03 (42.8)		
-4.5m -14.8ft	kg lb	*3930 *8660	*3930 *8660	*4950 *10910	*4950 *10910	*7190 *15850	6660 14680	*6340 *13980	4380 9660	*4930 *10870	3220 7100	*4000 *8820	2500 5510	3340 7360	2020 4450	*2210 *4870	1680 3700			*1440 *3170	*1440 *3170	12.34 (40.5)		
-6.0m -19.7ft	kg lb	*4960 *10930	*4960 *10930	*6160 *13580	*6160 *13580	*8350 *18410	6770 14930	*6210 *13690	4420 9740	*4870 *10740	3230 7120	*3960 *8730	2520 5560	*3260 *7190	2050 4520					*1790 *3950	*1790 *3950	11.41 (37.4)		
-7.5m -24.6ft	kg lb	*6130 *13510	*6130 *13510	*7650 *16870	*7650 *16870	*7700 *16980	6980 15390	*5810 *12810	4550 10030	*4580 *10100	3320 7320	*3680 *8110	2600 5730							*2430 *5360	2230 4920	10.18 (33.4)		
-9.0m -29.5ft	kg lb			*9270 *20440	*9270 *20440	*6570 *14480	*6570 *14480	*5010 *11050	4770 10520	*3890 *8580	3500 7720									*3220 *7100	2990 6590	8.50 (27.9)		

Note 1. Lifting capacity are based on ISO 10567.

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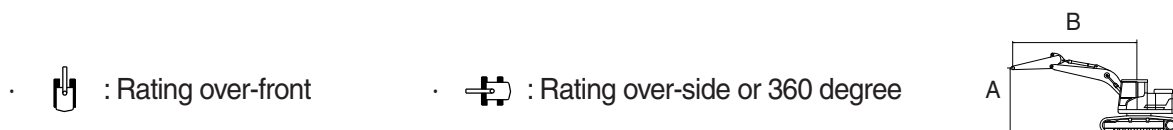
The difference between the weight of a work tool attachment must be subtracted.











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.

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX220T3 SC	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5680	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									*5590 *12320	*5590 *12320	5.00 (16.4)
6.0 m (19.7 ft)	kg lb					*5370 *11840	4610 10160			*5460 *12040	4190 9240	6.35 (20.8)
4.5 m (14.8 ft)	kg lb			*6770 *14930	*6770 *14930	*5730 *12630	4500 9920			5240 11550	3430 7560	7.14 (23.4)
3.0 m (9.8 ft)	kg lb			*8610 *18980	6420 14150	*6490 *14310	4300 9480	4790 10560	3120 6880	4740 10450	3090 6810	7.55 (24.8)
1.5 m (4.9 ft)	kg lb					6500 14330	4140 9130	4720 10410	3060 6750	4600 10140	2990 6590	7.64 (25.1)
0.0 m (0.0 ft)	kg lb			9980 22000	6030 13290	6420 14150	4060 8950			4770 10520	3080 6790	7.43 (24.4)
-1.5 m (-4.9 ft)	kg lb			10050 22160	6090 13430	6440 14200	4080 8990			5340 11770	3440 7580	6.88 (22.6)
-3.0 m (-9.8 ft)	kg lb	*12590 *27760	12010 26480	*9250 *20390	6260 13800					*6760 *14900	4340 9570	5.91 (19.4)

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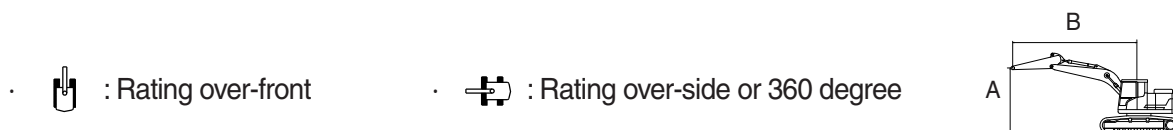
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Make adjustments to the rated load as necessary for non-standard configurations.



Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX220T3 SC	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5680	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									*5080 *11200	*5080 *11200	5.58 (18.3)
6.0 m (19.7 ft)	kg lb					*4910 *10820	4660 10270			*4610 *10160	3760 8290	6.81 (22.4)
4.5 m (14.8 ft)	kg lb			*6210 *13690	*6210 *13690	*5360 *11820	4520 9960	4850 10690	3180 7010	*4490 *9900	3140 6920	7.55 (24.8)
3.0 m (9.8 ft)	kg lb			*8050 *17750	6500 14330	*6170 *13600	4320 9520	4780 10540	3110 6860	4380 9660	2850 6280	7.94 (26.1)
1.5 m (4.9 ft)	kg lb			*9670 *21320	6120 13490	6500 14330	4130 9110	4690 10340	3030 6680	4260 9390	2750 6060	8.03 (26.3)
0.0 m (0.0 ft)	kg lb			9940 21910	5980 13180	6380 14070	4020 8860	4650 10250	2990 6590	4390 9680	2830 6240	7.83 (25.7)
-1.5 m (-4.9 ft)	kg lb	*10820 *23850	*10820 *23850	9960 21960	6000 13230	6370 14040	4020 8860			4850 10690	3120 6880	7.31 (24.0)
-3.0 m (-9.8 ft)	kg lb	*13460 *29670	11800 26010	*9600 *21160	6150 13560	6500 14330	4130 9110			5950 13120	3820 8420	6.41 (21.0)
-4.5 m (-14.8 ft)	kg lb			*7300 *16090	6480 14290					*6460 *14240	5800 12790	4.89 (16.0)

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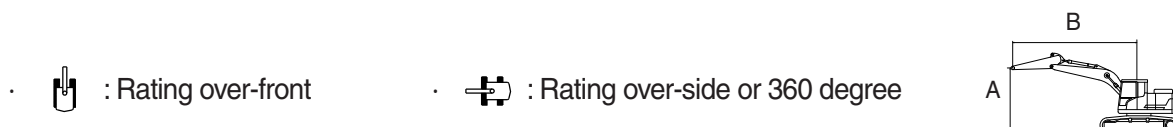
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


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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.

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX220T3 SC	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5680	2920	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							*4440 *9790	*4440 *9790			*3370 *7430	*3370 *7430	6.26 (20.5)
6.0 m (19.7 ft)	kg lb							*4340 *9570	*4340 *9570			*3100 *6830	*3100 *6830	7.38 (24.2)
4.5 m (14.8 ft)	kg lb							*4850 *10690	4550 10030	*4640 *10230	3180 7010	*3020 *6660	2800 6170	8.07 (26.5)
3.0 m (9.8 ft)	kg lb					*7270 *16030	6590 14530	*5700 *12570	4320 9520	4760 10490	3090 6810	*3070 *6770	2560 5640	8.43 (27.7)
1.5 m (4.9 ft)	kg lb					*9050 *19950	6120 13490	6480 14290	4100 9040	4650 10250	2980 6570	*3250 *7170	2470 5450	8.51 (27.9)
0.0 m (0.0 ft)	kg lb			*5920 *13050	*5920 *13050	9860 21740	5900 13010	6320 13930	3950 8710	4570 10080	2910 6420	*3590 *7910	2530 5580	8.32 (27.3)
-1.5 m (-4.9 ft)	kg lb	*6500 *14330	*6500 *14330	*10390 *22910	*10390 *22910	9820 21650	5860 12920	6270 13820	3910 8620	4570 10080	2910 6420	*4200 *9260	2750 6060	7.84 (25.7)
-3.0 m (-9.8 ft)	kg lb	*11110 *24490	*11110 *24490	*14290 *31500	11470 25290	*9870 *21760	5970 13160	6340 13980	3980 8770			5130 11310	3270 7210	7.01 (23.0)
-4.5 m (-14.8 ft)	kg lb			*11780 *25970	*11780 *25970	*8290 *18280	6220 13710					*6160 *13580	4560 10050	5.66 (18.6)

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

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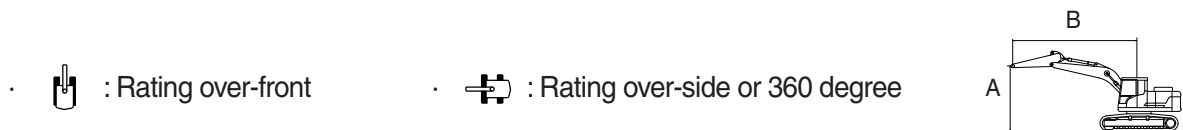
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


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



Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX220T3 SC	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5680	3900	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)		9.0 m (29.5 ft)		Capacity		Reach
																m (ft)
7.5 m (24.6 ft)	kg lb													*2330 *5140	*2330 *5140	7.49 (24.6)
6.0 m (19.7 ft)	kg lb									*3610 *7960	3300 7280			*2170 *4780	*2170 *4780	8.44 (27.7)
4.5 m (14.8 ft)	kg lb									*3850 *8490	3220 7100	*2330 *5140	2310 5090	*2120 *4670	*2120 *4670	9.05 (29.7)
3.0 m (9.8 ft)	kg lb					*5750 *12680	*5750 *12680	*4790 *10560	4390 9680	*4320 *9520	3090 6810	*3540 *7800	2270 5000	*2150 *4740	2110 4650	9.37 (30.7)
1.5 m (4.9 ft)	kg lb			*8640 *19050	*8640 *19050	*7760 *17110	6240 13760	*5810 *12810	4110 9060	4620 10190	2940 6480	3490 7690	2210 4870	*2250 *4960	2040 4500	9.45 (31.0)
0.0 m (0.0 ft)	kg lb			*7210 *15900	*7210 *15900	*9280 *20460	5850 12900	6260 13800	3890 8580	4490 9900	2820 6220	3440 7580	2160 4760	*2450 *5400	2070 4560	9.28 (30.4)
-1.5 m (-4.9 ft)	kg lb	*5430 *11970	*5430 *11970	*9360 *20640	*9360 *20640	9630 21230	5690 12540	6130 13510	3780 8330	4430 9770	2760 6080			*2780 *6130	2210 4870	8.85 (29.0)
-3.0 m (-9.8 ft)	kg lb	*8510 *18760	*8510 *18760	*13040 *28750	10950 24140	9650 21270	5700 12570	6130 13510	3770 8310	4450 9810	2790 6150			*3390 *7470	2530 5580	8.12 (26.6)
-4.5 m (-14.8 ft)	kg lb	*12370 *27270	*12370 *27270	*13730 *30270	11290 24890	*9330 *20570	5860 12920	6260 13800	3890 8580					*4660 *10270	3200 7050	6.99 (22.9)
-6.0 m (-19.7 ft)	kg lb			*10370 *22860	*10370 *22860	*7020 *15480	6230 13730							*5650 *12460	5090 11220	5.21 (17.1)

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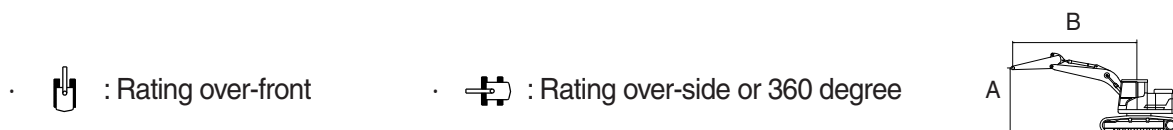
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Make adjustments to the rated load as necessary for non-standard configurations.

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX220T3 SC	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5680	2000	3800	800	-	-	-	-	-



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									*5710 *12590	*5710 *12590	5.00 (16.4)
6.0 m (19.7 ft)	kg lb					*5450 *12020	4800 10580			*5520 *12170	4360 9610	6.35 (20.8)
4.5 m (14.8 ft)	kg lb			*6880 *15170	*6880 *15170	*5800 *12790	4680 10320			5410 11930	3560 7850	7.14 (23.4)
3.0 m (9.8 ft)	kg lb			*8680 *19140	6650 14660	*6530 *14400	4460 9830	4930 10870	3220 7100	4880 10760	3180 7010	7.55 (24.8)
1.5 m (4.9 ft)	kg lb					6690 14750	4260 9390	4840 10670	3140 6920	4720 10410	3060 6750	7.64 (25.1)
0.0 m (0.0 ft)	kg lb			10180 22440	6130 13510	6560 14460	4150 9150			4860 10710	3140 6920	7.43 (24.4)
-1.5 m (-4.9 ft)	kg lb			10200 22490	6150 13560	6550 14440	4130 9110			5420 11950	3480 7670	6.88 (22.6)
-3.0 m (-9.8 ft)	kg lb	*12380 *27290	12010 26480	*9130 *20130	6280 13850					*6670 *14700	4360 9610	5.91 (19.4)

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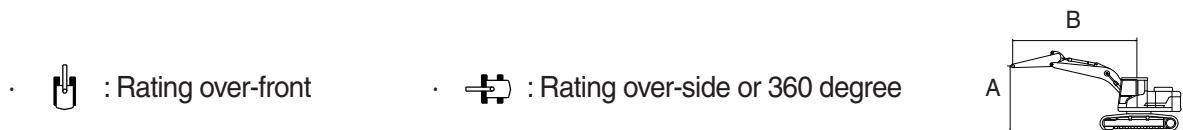
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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX220T3 SC	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5680	2400	3800	800	-	-	-	-	-



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									*5080 *11200	*5080 *11200	5.58 (18.3)
6.0 m (19.7 ft)	kg lb					*5000 *11020	4860 10710			*4620 *10190	3910 8620	6.81 (22.4)
4.5 m (14.8 ft)	kg lb			*6340 *13980	*6340 *13980	*5440 *11990	4710 10380	*4990 *11000	3290 7250	*4490 *9900	3250 7170	7.55 (24.8)
3.0 m (9.8 ft)	kg lb			*8130 *17920	6750 14880	*6220 *13710	4480 9880	4930 10870	3220 7100	4510 9940	2940 6480	7.94 (26.1)
1.5 m (4.9 ft)	kg lb			*9700 *21380	6300 13890	6690 14750	4260 9390	4820 10630	3120 6880	4360 9610	2820 6220	8.03 (26.3)
0.0 m (0.0 ft)	kg lb			10160 22400	6100 13450	6540 14420	4120 9080	4750 10470	3050 6720	4480 9880	2880 6350	7.83 (25.7)
-1.5 m (-4.9 ft)	kg lb	*10820 *23850	*10820 *23850	10130 22330	6080 13400	6490 14310	4080 8990			4930 10870	3160 6970	7.31 (24.0)
-3.0 m (-9.8 ft)	kg lb	*13260 *29230	11820 26060	*9500 *20940	6180 13620	6580 14510	4160 9170			6020 13270	3840 8470	6.41 (21.0)
-4.5 m (-14.8 ft)	kg lb			*7160 *15790	6470 14260					*6330 *13960	5790 12760	4.89 (16.0)

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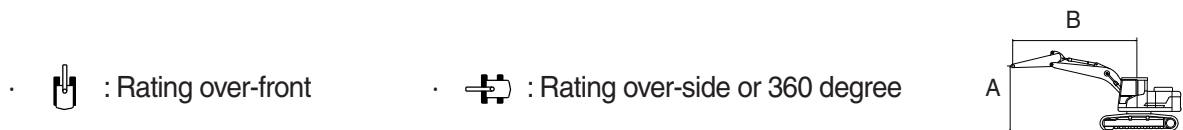
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






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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.

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX220T3 SC	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5680	2920	3800	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)		Capacity		Reach
														m (ft)
7.5 m (24.6 ft)	kg lb							*4450 *9810	*4450 *9810			*3370 *7430	*3370 *7430	6.26 (20.5)
6.0 m (19.7 ft)	kg lb							*4440 *9790	*4440 *9790			*3100 *6830	*3100 *6830	7.38 (24.2)
4.5 m (14.8 ft)	kg lb							*4950 *10910	4750 10470	*4700 *10360	3320 7320	*3020 *6660	2920 6440	8.07 (26.5)
3.0 m (9.8 ft)	kg lb					*7390 *16290	6870 15150	*5790 *12760	4510 9940	4940 10890	3210 7080	*3070 *6770	2650 5840	8.43 (27.7)
1.5 m (4.9 ft)	kg lb					*9130 *20130	6360 14020	*6670 *14700	4260 9390	4800 10580	3090 6810	*3250 *7170	2550 5620	8.51 (27.9)
0.0 m (0.0 ft)	kg lb			*5920 *13050	*5920 *13050	*10130 *22330	6070 13380	6500 14330	4080 8990	4700 10360	3000 6610	*3590 *7910	2590 5710	8.32 (27.3)
-1.5 m (-4.9 ft)	kg lb	*6500 *14330	*6500 *14330	*10390 *22910	*10390 *22910	10040 22130	5990 13210	6420 14150	4010 8840	4670 10300	2970 6550	*4200 *9260	2810 6190	7.84 (25.7)
-3.0 m (-9.8 ft)	kg lb	*11110 *24490	*11110 *24490	*14180 *31260	11570 25510	*9820 *21650	6050 13340	6450 14220	4040 8910			5200 11460	3310 7300	7.01 (23.0)
-4.5 m (-14.8 ft)	kg lb			*11620 *25620	*11620 *25620	*8200 *18080	6260 13800					*6080 *13400	4580 10100	5.66 (18.6)

- 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.

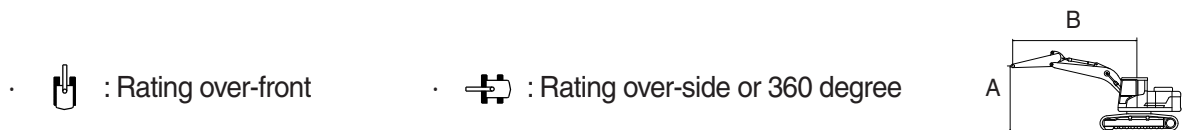
The difference between the weight of a work tool attachment must be subtracted.















Consult 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.

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX220T3 SC	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5680	3900	3800	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)		Capacity		Reach
																m (ft)
7.5 m (24.6 ft)	kg lb													*2330 *5140	*2330 *5140	7.49 (24.6)
6.0 m (19.7 ft)	kg lb									*3680 *8110	3450 7610			*2170 *4780	*2170 *4780	8.44 (27.7)
4.5 m (14.8 ft)	kg lb									*3910 *8620	3360 7410	*2330 *5140	*2330 *5140	*2120 *4670	*2120 *4670	9.05 (29.7)
3.0 m (9.8 ft)	kg lb					*5880 *12960	*5880 *12960	*4870 *10740	4580 10100	*4370 *9630	3220 7100	*3530 *7780	2360 5200	*2150 *4740	*2150 *4740	9.37 (30.7)
1.5 m (4.9 ft)	kg lb			*8640 *19050	*8640 *19050	*7840 *17280	6490 14310	*5870 *12940	4270 9410	4780 10540	3060 6750	3600 7940	2280 5030	*2250 *4960	2100 4630	9.45 (31.0)
0.0 m (0.0 ft)	kg lb			*7210 *15900	*7210 *15900	*9310 *20530	6040 13320	6450 14220	4020 8860	4630 10210	2920 6440	3530 7780	2220 4890	*2440 *5380	2120 4670	9.28 (30.4)
-1.5 m (-4.9 ft)	kg lb	*5430 *11970	*5430 *11970	*9360 *20640	*9360 *20640	9870 21760	5820 12830	6290 13870	3870 8530	4530 9990	2830 6240			*2780 *6130	2250 4960	8.85 (29.0)
-3.0 m (-9.8 ft)	kg lb	*8510 *18760	*8510 *18760	*13040 *28750	11060 24380	9820 21650	5780 12740	6240 13760	3830 8440	4530 9990	2820 6220			*3380 *7450	2550 5620	8.12 (26.6)
-4.5 m (-14.8 ft)	kg lb	*12370 *27270	*12370 *27270	*13550 *29870	11330 24980	*9230 *20350	5900 13010	6330 13960	3910 8620					*4660 *10270	3210 7080	6.99 (22.9)
-6.0 m (-19.7 ft)	kg lb			*10140 *22350	*10140 *22350	*6880 *15170	6220 13710							*5530 *12190	5080 11200	5.21 (17.1)

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 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.

## 6. BUCKET SELECTION GUIDE

### 1) BUCKET SELECTION



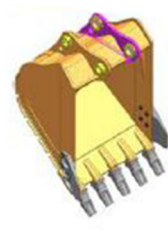
General bucket



Heavy duty  
(without side cutter)



Rock heavy duty



Long reach

Type	Capacity		Width	Weight	Tooth	MONO				L/Reach
	SAE Heaped	CECE heaped	Without side cutter			Recommendation		mm (ft-in)		8.2 m (26' 11") Boom
						5.68 m (18' 8") Boom				
						2.10 m (6' 7")Arm	2.4 m (7' 10") Arm	2.92 m (9' 7") Arm	3.9 m (12' 10") Arm	
General bucket	0.92 (1.20)	0.80 (1.05)	1,150 (45.3')	770 (1,700)	5	●	●	●	■	X
	1.20 (1.57)	1.00 (1.31)	1,400 (55.1")	850 (1,870)	5	●	◐	■	▲	X
	1.34 (1.75)	1.15 (1.50)	1,550 (61.0")	920 (2,030)	6	◐	■	▲	X	X
Heavy duty	0.90 (1.18)	0.80 (1.05)	1,095 (43.1")	810 (1,790)	5	●	●	●	■	X
	1.05 (1.37)	0.92 (1.20)	1,290 (50.8")	890 (1,960)	5	●	●	◐	▲	X
Rock heavy duty	0.87 (1.14)	0.75 (0.98)	1,140 (44.9")	900 (1,980)	5	●	●	●	■	X
LR	0.52 (0.68)	0.45 (0.59)	935 (36.8")	460 (1,010)	5	X	X	X	X	■

●	Applicable for materials with density of 2100 kg/m <sup>3</sup> (3500 lb/yd <sup>3</sup> ) or less
◐	Applicable for materials with density of 1800 kg/m <sup>3</sup> (3000 lb/yd <sup>3</sup> ) or less
■	Applicable for materials with density of 1500 kg/m <sup>3</sup> (2500 lb/yd <sup>3</sup> ) or less
▲	Applicable for materials with density of 1200 kg/m <sup>3</sup> (2000 lb/yd <sup>3</sup> ) 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 your 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")
HX220LT3	Operating weight	kg	(lb)	21970	(48440)	22430	(49450)	22710	(50070)	22990	(50680)	22600	(49820)
	Ground pressure	kgf/cm <sup>2</sup>	(psi)	0.47	(6.67)	0.41	(5.84)	0.36	(5.17)	0.33	(4.65)	0.41	(5.88)
	Overall width	mm	(ft-in)	2990	(9' 10")	3090	(10' 2")	3190	(10' 6")	3190	(10' 6")	3090	(10' 2")
	Link quantity	EA		49		49		49		49		49	
HX220LT3 LR	Operating weight	kg	(lb)	-	-	-	-	24700	(54450)	-	-	-	-
	Ground pressure	kgf/cm <sup>2</sup>	(psi)	-	-	-	-	0.40	(5.62)	-	-	-	-
	Overall width	mm	(ft-in)	-	-	-	-	3190	(10' 6")	-	-	-	-
	Link quantity	EA		-		-		49		-		-	
HX220LT3 HW	Operating weight	kg	(lb)	24080	(53090)	24350	(53680)	24630	(54300)	24910	(54920)	24520	(54060)
	Ground pressure	kgf/cm <sup>2</sup>	(psi)	0.51	(7.31)	0.45	(6.34)	0.39	(5.61)	0.35	(5.04)	0.45	(6.38)
	Overall width	mm	(ft-in)	3395	(11' 2")	3495	(11' 6")	3595	(11' 10")	3695	(12' 1")	3495	(11' 6")
	Link quantity	EA		49		49		49		49		49	
HX220T3 SC	Operating weight	kg	(lb)	21610	(47640)	-	-	22140	(48810)	-	-	-	-
	Ground pressure	kgf/cm <sup>2</sup>	(psi)	0.5	(7.31)	-	-	0.38	(5.61)	-	-	-	-
	Overall width	mm	(ft-in)	3000	(9' 10")	-	-	3200	(10' 6")	-	-	-	-
	Link quantity	EA		46		-		46		-		-	

### 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"><li>· 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</li></ul>
B	Normal soil, soft ground	<ul style="list-style-type: none"><li>· These shoes cannot be used on rough ground with large obstacles such as boulders or fallen trees</li><li>· Travel at high speed only on flat ground</li><li>· Travel slowly at low speed if it is impossible to avoid going over obstacles</li></ul>
C	Extremely soft ground (swampy ground)	<ul style="list-style-type: none"><li>· Use the shoes only in the conditions that the machine sinks and it is impossible to use the shoes of category A or B</li><li>· These shoes cannot be used on rough ground with large obstacles such as boulders or fallen trees</li><li>· Travel at high speed only on flat ground</li><li>· Travel slowly at low speed if it is impossible to avoid going over obstacles</li></ul>



## 8. SPECIFICATIONS FOR MAJOR COMPONENTS

### 1) ENGINE

Item	Specification
Maker / Model	HD Hyundai Construction Equipment / HE6.7
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	17.2 : 1
Gross power	160 hp (119 kW) at 2,200 rpm
Net power	157 hp (117 kW) at 2,200 rpm
Max. power	165 hp (123 kW) at 2,000 rpm
Peak Torque	732 N·m (540 lb·ft) at 1,400 rpm
Engine oil quantity	23.1 ℓ (6.1 U.S. gal)
Wet weight	552 kg (1217 lb)
Starter motor	24 V-4.8 kW
Alternator	Valeo 24 V-90 A

### 2) MAIN PUMP

Item	Specification
Type	Variable displacement tandem axis piston pumps
Capacity	2 × 130 cc/rev
Maximum pressure	350 kgf/cm <sup>2</sup> (4980 psi) [380 kgf/cm <sup>2</sup> (5400 psi)]
Rated oil flow	2 × 228 ℓ /min (60.2 U.S. gpm / 50.15 U.K. gpm)
Rated speed	1750 rpm

[    ] : Power boost

### 3) GEAR PUMP

Item	Specification
Type	Fixed displacement gear pump single stage
Capacity	10 cc/rev
Maximum pressure	40 kgf/cm <sup>2</sup> (570 psi)
Rated oil flow	17.5 ℓ /min (4.6 U.S. gpm/3.8 U.K. gpm)

### 4) MAIN CONTROL VALVE

Item	Specification
Type	10 spools two-block
Operating method	Hydraulic pilot system
Main relief valve pressure	350 kgf/cm <sup>2</sup> (4980 psi) [380 kgf/cm <sup>2</sup> (5400 psi)] *1 350 kgf/cm <sup>2</sup> (4980 psi) [Not applied power boost]
Port relief valve pressure	Boom 400 kgf/cm <sup>2</sup> (5690 psi)
	Arm 400 kgf/cm <sup>2</sup> (5690 psi), *1 300 kgf/cm <sup>2</sup> (4270 psi)
	Bucket 400 kgf/cm <sup>2</sup> (5690 psi), *1 280 kgf/cm <sup>2</sup> (3980 psi)

[ ] : Power boost    \*1 : Long reach only

### 5) SWING MOTOR

Item	Specification
Type	Axial piston motor
Capacity	142.8 cc/rev
Relief pressure	265 kgf/cm <sup>2</sup> (3770 psi)
Braking system	Automatic, spring applied hydraulic released
Braking torque	63.3 kgf · m (900 lbf · ft) over
Brake release pressure	20.9~35.5 kgf/cm <sup>2</sup> (151~257 psi) over
Reduction gear type	2 - stage planetary

### 6) TRAVEL MOTOR

Item	Specification
Type	Variable displacement axial piston motor
Capacity	171.2/108.5 cc/rev
Relief pressure	350 kgf/cm <sup>2</sup> (4980 psi)
Braking system	Automatic, spring applied hydraulic released
Braking torque	65.1 kgf · m (471 lbf · ft)
Brake release pressure	12.8~15.4 kgf/cm <sup>2</sup> (182~219 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 × 1510 mm
	Cushion	Extend and retract
Bucket cylinder	Bore dia × Stroke	Ø 120 × 1055 mm
	Cushion	Extend only
Bucket cylinder (Long reach)	Bore dia × Stroke	Ø 120 × 1055 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-30									
				SAE 5W-30								
				SAE 10W-30								
			SAE CI-4 and 10W-30									
			SAE 5W-40 or 15W-40									
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) System : 275 (72.6)	★ISO VG 15									
			ISO VG 32									
			ISO VG 46									
			ISO VG 68									
Fuel tank	Diesel fuel	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★ <sup>1</sup>	31 (8.2)	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

★<sup>1</sup> : Soft water

City water or distilled water

※ 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.

※ 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.