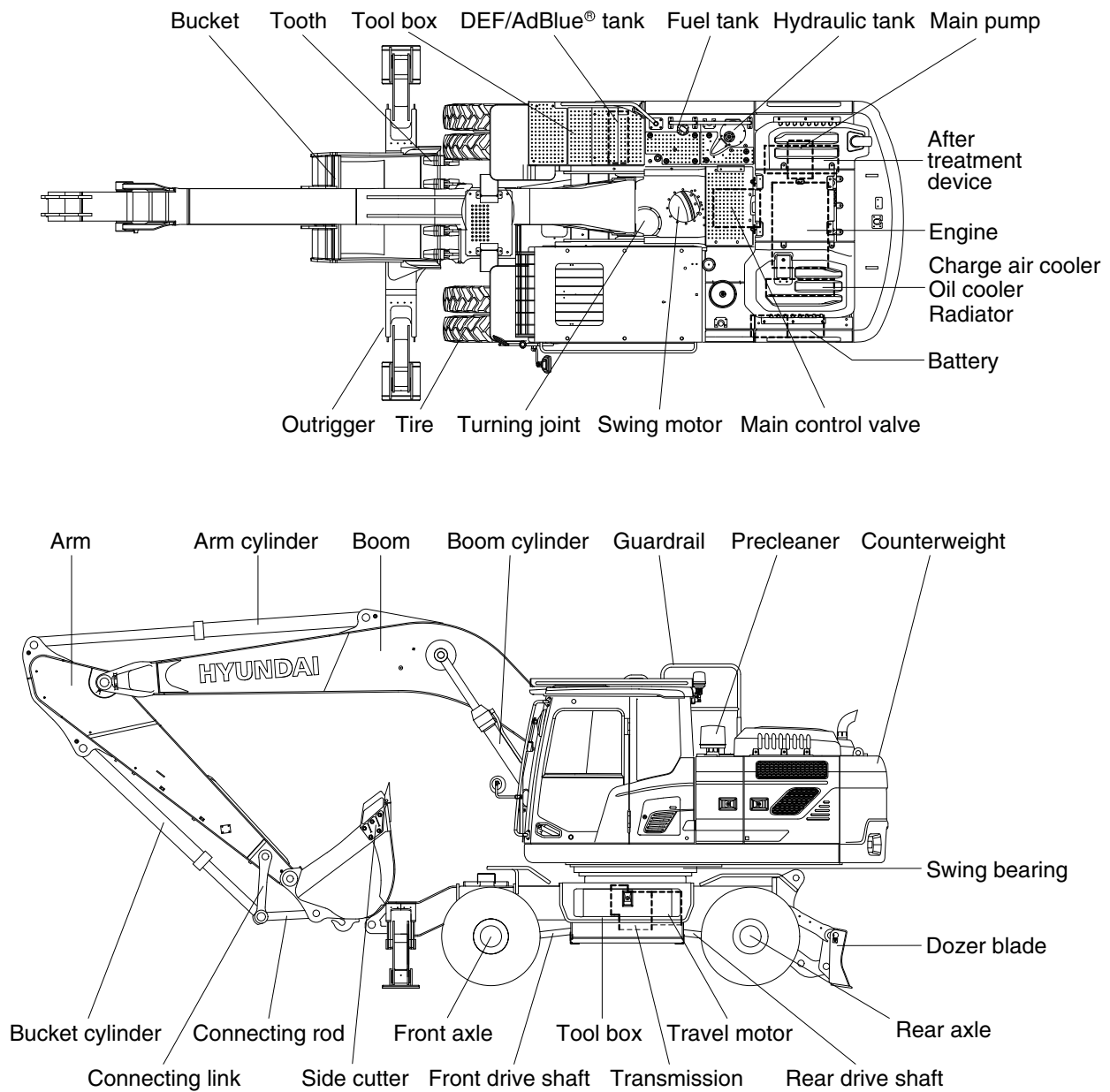


# SPECIFICATIONS

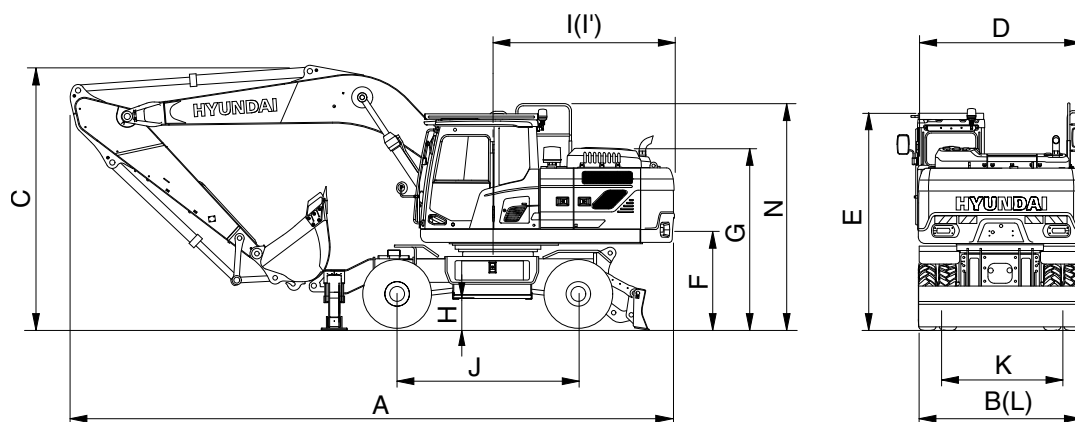
## 1. MAJOR COMPONENTS



210WA2SP01

## 2. SPECIFICATIONS

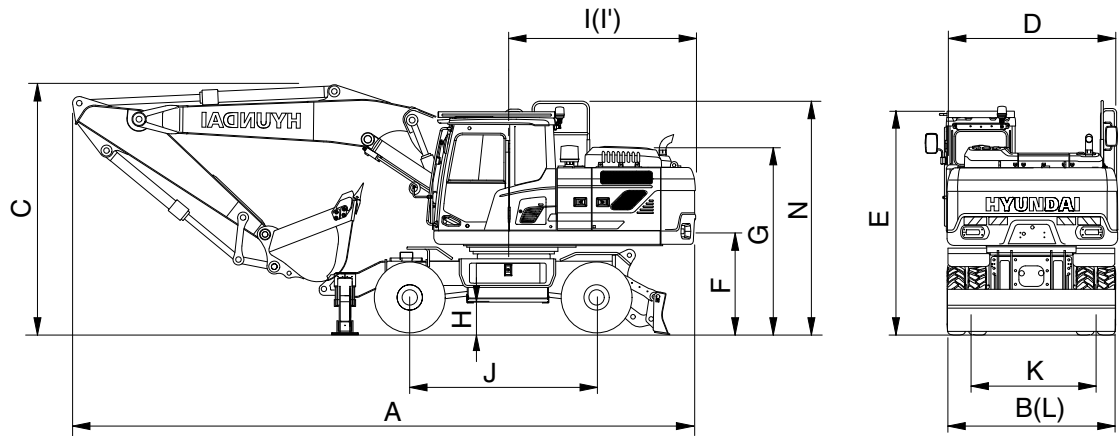
### 1) 5.65 m (18' 6") MONO BOOM



210WA2SP02

Description			Unit		Specification		
			m (ft-in)	Boom	5.65 (18' 6")		
				Arm	2.92 (9' 7")	2.40 (7' 10")	2.70 (8' 10")
Operating weight			kg (lb)		21180 (46690)	21090 (46500)	21080 (46470)
Bucket capacity (SAE heaped), standard			m³ (yd³)		0.80 (1.05)	0.80 (1.05)	0.80 (1.05)
Overall length (traveling)		A	mm (ft-in)	9380 (30' 9")	9590 (31' 6")	9540 (31' 4")	
Overall length (shipping)				9500 (31' 2")	9680 (31' 9")	9570 (31' 5")	
Overall width		B		2530 (8' 4")	2530 (8' 4")	2530 (8' 4")	
Overall height of boom (traveling)		C		4020 (13' 2")	3720 (12' 2")	3650 (12' 0")	
Overall height of boom (shipping)				3150 (10' 4")	3350 (11' 0")	3240 (10' 8")	
Upperstructure width		D		2530 (8' 4")	2530 (8' 4")	2530 (8' 4")	
Cab height		E		3260 (10' 8")	3260 (10' 8")	3260 (10' 8")	
Ground clearance of counterweight		F		1295 (4' 3")	1295 (4' 3")	1295 (4' 3")	
Engine cover height		G		2770 (9' 1")	2770 (9' 1")	2770 (9' 1")	
Clearance to mission cover		H		347 (1' 2")	347 (1' 2")	347 (1' 2")	
Rear-end distance		I		2733 (9' 0")	2733 (9' 0")	2733 (9' 0")	
Rear-end swing radius		I'		2740 (9' 0")	2740 (9' 0")	2740 (9' 0")	
Wheel base		J		2800 (9' 2")	2800 (9' 2")	2800 (9' 2")	
Tread	Std axle	K		1914 (6' 3")	1914 (6' 3")	1914 (6' 3")	
	Wide axle			2114 (6' 11")	2114 (6' 11")	2114 (6' 11")	
Dozer blade width		L		2490 (8' 2")	2490 (8' 2")	2490 (8' 2")	
Overall height of guardrail		N		3330 (10' 11")	3330 (10' 11")	3330 (10' 11")	
Travel speed		Low	km/hr (mph)	9.5 (5.9)	9.5 (5.9)	9.5 (5.9)	
		High		38.4 (23.9)	38.4 (23.9)	38.4 (23.9)	
Swing speed			rpm	10.7	10.7	10.7	
Gradeability			Degree (%)	30 (70)	30 (70)	30 (70)	
Max traction force			kg (lb)	12106 (26689)	12106 (26689)	12106 (26689)	

## 2) 5.40 m (17' 9") 2-PIECE BOOM

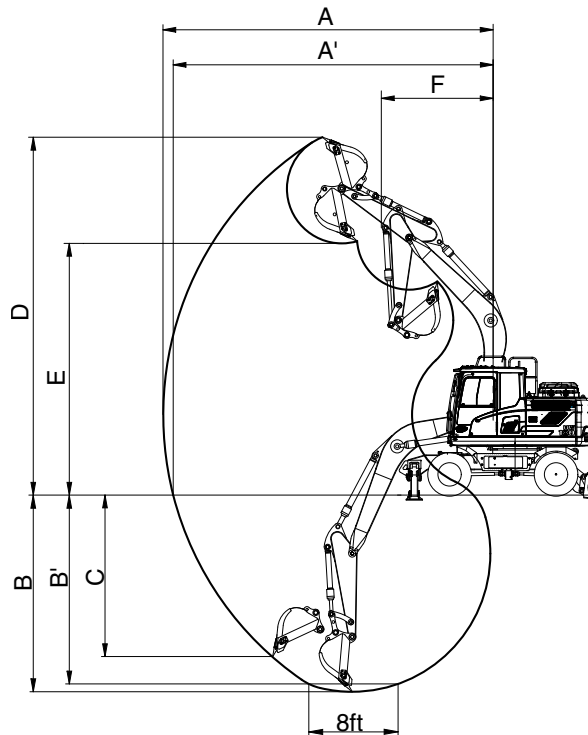


210WA2SP03

Description			Unit		Specification		
			m (ft-in)	Boom	5.40 (17' 9")		
				Arm	2.92 (9' 7")	2.40 (7' 10")	2.70 (8' 10")
Operating weight			kg (lb)		22510 (49630)	22420 (49430)	22410 (49410)
Bucket capacity (SAE heaped), standard			m³ (yd³)		0.80 (1.05)	0.80 (1.05)	0.80 (1.05)
Overall length (traveling)		A	mm (ft-in)	6980 (22' 11")	7090 (23' 3")	7060 (23' 2")	
Overall length (shipping)				9230 (30' 3")	9240 (30' 4")	9250 (30' 4")	
Overall width		B		2530 (8' 4")	2530 (8' 4")	2530 (8' 4")	
Overall height of boom (traveling)		C		3990 (13' 1")	3990 (13' 1")	3990 (13' 1")	
Overall height of boom (shipping)				3180 (10' 5")	3170 (10' 5")	3150 (10' 4")	
Upperstructure width		D		2530 (8' 4")	2530 (8' 4")	2530 (8' 4")	
Cab height		E		3260 (10' 8")	3260 (10' 8")	3260 (10' 8")	
Ground clearance of counterweight		F		1295 (4' 3")	1295 (4' 3")	1295 (4' 3")	
Engine cover height		G		2770 (9' 1")	2770 (9' 1")	2770 (9' 1")	
Clearance to mission cover		H		347 (1' 2")	347 (1' 2")	347 (1' 2")	
Rear-end distance		I		2733 (9' 0")	2733 (9' 0")	2733 (9' 0")	
Rear-end swing radius		I'		2740 (9' 0")	2740 (9' 0")	2740 (9' 0")	
Wheel base		J		2800 (9' 2")	2800 (9' 2")	2800 (9' 2")	
Tread	Std axle	K		1914 (6' 3")	1914 (6' 3")	1914 (6' 3")	
	Wide axle			2114 (6' 11")	2114 (6' 11")	2114 (6' 11")	
Dozer blade width		L		2490 (8' 2")	2490 (8' 2")	2490 (8' 2")	
Overall height of guardrail		N		3330 (10' 11")	3330 (10' 11")	3330 (10' 11")	
Travel speed		Low		km/hr (mph)	9.5 (5.9)	9.5 (5.9)	9.5 (5.9)
		High			38.4 (23.9)	38.4 (23.9)	38.4 (23.9)
Swing speed			rpm	10.7	10.7	10.7	
Gradeability			Degree (%)	30 (70)	30 (70)	30 (70)	
Max traction force			kg (lb)	12106 (26689)	12106 (26689)	12106 (26689)	

### 3. WORKING RANGE

#### 1) 5.65 m (18' 6") MONO BOOM

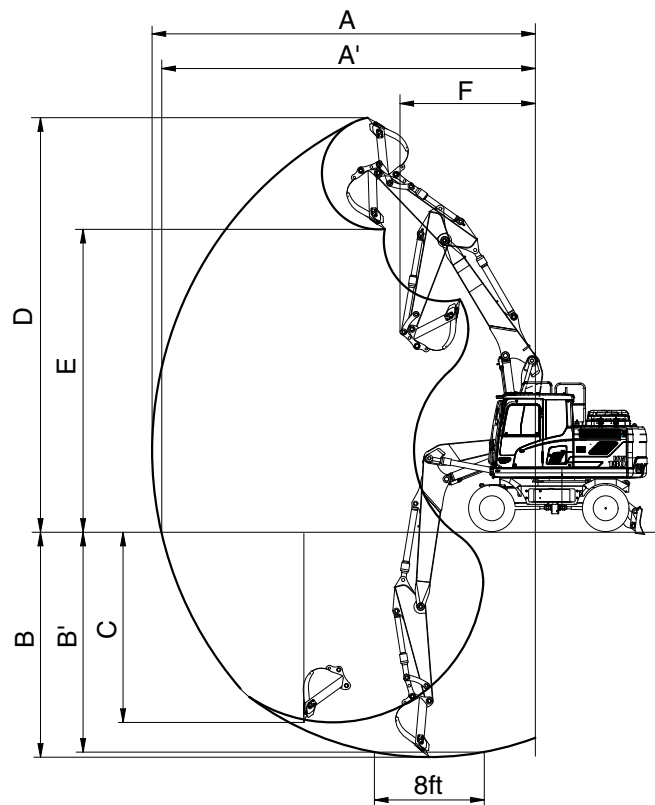


180WF2SP04

Description		2.92 m (9' 7") Arm	2.40 m (7' 10") Arm	2.70 m (8' 10") Arm
Max digging reach	A	9970 (32' 9")	9480 (31' 1")	9760 (32' 0")
Max digging reach on ground	A'	9770 (32' 1")	9270 (30' 5")	9550 (31' 4")
Max digging depth	B	6430 (21' 1")	5860 (19' 3")	6210 (20' 4")
Max digging depth (8 ft level)	B'	6210 (20' 4")	5660 (18' 7")	5980 (19' 7")
Max vertical wall digging depth	C	6110 (20' 1")	5510 (18' 1")	5830 (19' 2")
Max digging height	D	10020 (32' 10")	9710 (31' 10")	9870 (32' 5")
Max dumping height	E	7160 (23' 6")	6860 (22' 6")	7010 (23' 0")
Min swing radius	F	3460 (11' 4")	3520 (11' 7")	3490 (11' 5")
Bucket digging force	SAE	130.4 [141.6]	130.4 [141.6]	130.4 [141.6]
		13300 [14440]	13300 [14440]	13300 [14440]
		29320 [31830]	29320 [31830]	29320 [31830]
	ISO	151.0 [164.0]	151.0 [164.0]	151.0 [164.0]
		15400 [16720]	15400 [16720]	15400 [16720]
		33950 [36860]	33950 [36860]	33950 [36860]
Arm digging force	SAE	102.0 [110.7]	120.6 [130.9]	108.9 [118.2]
		10400 [11290]	12300 [13350]	11100 [12050]
		22930 [24890]	27120 [29430]	24470 [26570]
	ISO	106.9 [116.0]	126.5 [137.4]	113.8 [123.5]
		10900 [11830]	12900 [14010]	11600 [12590]
		24030 [26080]	28440 [30890]	25570 [27760]

[ ] : Power boost

## 2) 5.40 m (17' 9") 2-PIECE BOOM



180WF2SP05

Description		2.92 m (9' 7") Arm	2.40 m (7' 10") Arm	2.70 m (8' 10") Arm
Max digging reach	A	9810 (32' 2")	9310 (30' 7")	9600 (31' 6")
Max digging reach on ground	A'	9610 (31' 6")	9100 (29' 10")	9400 (30' 10")
Max digging depth	B	6090 (20' 0")	5570 (18' 3")	5870 (19' 3")
Max digging depth (8 ft level)	B'	6000 (19' 8")	5470 (17' 11")	5770 (18' 11")
Max vertical wall digging depth	C	4730 (15' 6")	4630 (15' 2")	4580 (15' 0")
Max digging height	D	10690 (35' 1")	10300 (33' 10")	10520 (34' 6")
Max dumping height	E	7750 (25' 5")	7370 (24' 2")	7590 (24' 11")
Min swing radius	F	2860 (9' 5")	3030 (9' 11")	2870 (9' 5")
Bucket digging force	SAE	130.4 [141.6]	130.4 [141.6]	130.4 [141.6]
		13300 [14440]	13300 [14440]	13300 [14440]
		29320 [31830]	29320 [31830]	29320 [31830]
	ISO	151.0 [164.0]	151.0 [164.0]	151.0 [164.0]
		15400 [16720]	15400 [16720]	15400 [16720]
		33950 [36860]	33950 [36860]	33950 [36860]
Arm digging force	SAE	102.0 [110.7]	120.6 [130.9]	108.9 [118.2]
		10400 [11290]	12300 [13350]	11100 [12050]
		22930 [24890]	27120 [29430]	24470 [26570]
	ISO	106.9 [116.0]	126.5 [137.4]	113.8 [123.5]
		10900 [11830]	12900 [14010]	11600 [12590]
		24030 [26080]	28440 [30890]	25570 [27760]

[ ] : Power boost

## 4. WEIGHT


Item	HW210A	
	kg	lb
Upperstructure assembly	9485	20910
· Main frame weld assembly	1710	3770
· Engine assembly	583	1290
· Aftertreatment assembly	75	170
· Main pump assembly	140	310
· Main control valve assembly	220	490
· Swing motor assembly	254	560
· Hydraulic oil tank WA	190	420
· Fuel tank WA	171	380
· Counterweight	3400	7500
· Cab assembly	495	1090
Lower chassis assembly	7125	15710
· Lower frame weld assembly	2410	5310
· Swing bearing	284	630
· Travel motor assembly (2EA)	77	170
· Turning joint	118	260
· Transmission assembly	135	300
· Front axle assembly	749	1650
· Front axle assembly (wide)	770	1700
· Rear axle assembly	592	1310
· Rear axle assembly (wide)	623	1370
· Dozer blade assembly (front)	730	1610
· Dozer blade assembly (rear)	980	2160
· Outrigger assembly (front)	395	870
· Outrigger assembly (rear)	1095	2410
Front attachment assembly (5.65 m boom, 2.92 m arm, 0.80 m³ SAE heaped bucket)	4570	10080
· 5.65 m boom assembly	834	1840
· 5.40 m 2pcs boom assembly	468	1030
· 2.40 m arm assembly	240	530
· 2.70 m arm assembly	150	330
· 2.92 m arm assembly	100	220
· 0.92 m³ SAE heaped bucket assembly	817	1800
· 0.80 m³ SAE heaped bucket assembly	777	1710
· 1.20 m³ SAE heaped bucket assembly	920	2030
· 1.34 m³ SAE heaped bucket assembly	990	2180
· 0.86 m³ SAE heaped bucket assembly	732	1610
· 0.85 m³ SAE heaped bucket assembly	845	1860
· 1.00 m³ SAE heaped bucket assembly	912	2010
· 1.15 m³ SAE heaped bucket assembly	991	2180
· Bucket control link assembly	369	810
· Boom cylinder assembly (2EA)	360	790
· 2-piece boom cylinder assembly (2EA)	324	710
· Arm cylinder assembly	278	610
· Bucket cylinder assembly	171	380
· Adjustment cylinder assembly	215	470
· Dozer cylinder assembly (2EA)	150	330
· Outrigger cylinder assembly (front) (2EA)	206	450

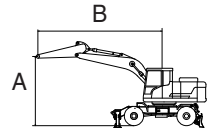
## 5. LIFTING CAPACITIES











### 1) 5.65 m MONO BOOM+3400 kg COUNTERWEIGHT

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HW210A	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5650	2400	3400	-	310	-	Down	-	Down

·  : 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									*4820 *10630	*4820 *10630	5.72 (18.8)
6.0 m (19.7 ft)	kg lb					*5520 *12170	*5520 *12170			*4400 *9700	*4400 *9700	6.89 (22.6)
4.5 m (14.8 ft)	kg lb			*7190 *15850	*7190 *15850	*5960 *13140	5830 12850	*5130 *11310	4080 8990	*4300 *9480	4000 8820	7.59 (24.9)
3.0 m (9.8 ft)	kg lb			*8800 *19400	8590 18940	*6640 *14640	5580 12300	*5630 *12410	3990 8800	*4390 *9680	3650 8050	7.94 (26.1)
1.5 m (4.9 ft)	kg lb			*10000 *22050	8130 17920	*7260 *16010	5360 11820	*5870 *12940	3890 8580	*4680 *10320	3540 7800	8.00 (26.2)
0.0 m (0.0 ft)	kg lb			*10280 *22660	7930 17480	*7540 *16620	5210 11490	*5900 *13010	3830 8440	*5240 *11550	3650 8050	7.76 (25.5)
-1.5 m (-4.9 ft)	kg lb	*11990 *26430	*11990 *26430	*9780 *21560	7920 17460	*7290 *16070	5180 11420			*5710 *12590	4050 8930	7.21 (23.7)
-3.0 m (-9.8 ft)	kg lb	*11220 *24740	*11220 *24740	*8410 *18540	8050 17750	*6070 *13380	5290 11660			*5610 *12370	5020 11070	6.25 (20.5)

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.

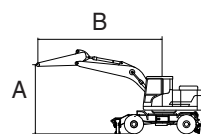
▲ Failure to comply to the rated load can cause serious injury, death, or property damage. Make adjustments to the rated load as necessary for non-standard configurations.













Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HW210A	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5650	2400	3400	-	310	-	Up	-	Up

·  : 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									*4820	4740	5.72
	lb									*10630	10450	(18.8)
6.0 m (19.7 ft)	kg					*5520	4400			*4400	3460	6.89
	lb					*12170	9700			*9700	7630	(22.6)
4.5 m (14.8 ft)	kg			*7190	6560	*5960	4240	4350	2960	4260	2900	7.59
	lb			*15850	14460	*13140	9350	9590	6530	9390	6390	(24.9)
3.0 m (9.8 ft)	kg			*8800	6010	6000	4010	4260	2880	3890	2620	7.94
	lb			*19400	13250	13230	8840	9390	6350	8580	5780	(26.1)
1.5 m (4.9 ft)	kg			8910	5590	5770	3800	4150	2780	3780	2530	8.00
	lb			19640	12320	12720	8380	9150	6130	8330	5580	(26.2)
0.0 m (0.0 ft)	kg			8710	5410	5620	3670	4090	2720	3900	2600	7.76
	lb			19200	11930	12390	8090	9020	6000	8600	5730	(25.5)
-1.5 m (-4.9 ft)	kg	*11990	10180	8690	5400	5590	3640			4330	2880	7.21
	lb	*26430	22440	19160	11900	12320	8020			9550	6350	(23.7)
-3.0 m (-9.8 ft)	kg	*11220	10390	*8410	5520	5700	3740			5400	3560	6.25
	lb	*24740	22910	*18540	12170	12570	8250			11900	7850	(20.5)

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.

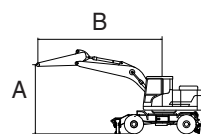
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










Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HW210A	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5650	2400	3400	-	310	-	Down	Down	-

·  : 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									*4820	*4820	5.72
	lb									*10630	*10630	(18.8)
6.0 m (19.7 ft)	kg					*5520	*5520			*4400	*4400	6.89
	lb					*12170	*12170			*9700	*9700	(22.6)
4.5 m (14.8 ft)	kg			*7190	*7190	*5960	5550	*5130	3880	*4300	3800	7.59
	lb			*15850	*15850	*13140	12240	*11310	8550	*9480	8380	(24.9)
3.0 m (9.8 ft)	kg			*8800	8140	*6640	5310	*5630	3790	*4390	3460	7.94
	lb			*19400	17950	*14640	11710	*12410	8360	*9680	7630	(26.1)
1.5 m (4.9 ft)	kg			*10000	7680	*7260	5080	*5870	3690	*4680	3360	8.00
	lb			*22050	16930	*16010	11200	*12940	8140	*10320	7410	(26.2)
0.0 m (0.0 ft)	kg			*10280	7480	*7540	4940	*5900	3630	*5240	3460	7.76
	lb			*22660	16490	*16620	10890	*13010	8000	*11550	7630	(25.5)
-1.5 m (-4.9 ft)	kg	*11990	*11990	*9780	7470	*7290	4910			*5710	3840	7.21
	lb	*26430	*26430	*21560	16470	*16070	10820			*12590	8470	(23.7)
-3.0 m (-9.8 ft)	kg	*11220	*11220	*8410	7600	*6070	5010			*5610	4760	6.25
	lb	*24740	*24740	*18540	16760	*13380	11050			*12370	10490	(20.5)

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.

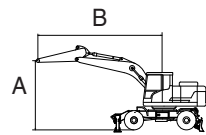
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








▲ 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	
HW210A	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5650	2400	3400	-	310	-	Up	Up	-

·  : 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									*4820	4670	5.72
	lb									*10630	10300	(18.8)
6.0 m (19.7 ft)	kg					*5520	4330			*4400	3410	6.89
	lb					*12170	9550			*9700	7520	(22.6)
4.5 m (14.8 ft)	kg			*7190	6460	*5960	4180	4330	2910	4240	2850	7.59
	lb			*15850	14240	*13140	9220	9550	6420	9350	6280	(24.9)
3.0 m (9.8 ft)	kg			*8800	5920	5980	3950	4250	2830	3870	2580	7.94
	lb			*19400	13050	13180	8710	9370	6240	8530	5690	(26.1)
1.5 m (4.9 ft)	kg			8890	5500	5750	3730	4140	2730	3760	2480	8.00
	lb			19600	12130	12680	8220	9130	6020	8290	5470	(26.2)
0.0 m (0.0 ft)	kg			8680	5320	5600	3600	4070	2670	3890	2550	7.76
	lb			19140	11730	12350	7940	8970	5890	8580	5620	(25.5)
-1.5 m (-4.9 ft)	kg	*11990	10010	8660	5310	5570	3570			4320	2830	7.21
	lb	*26430	22070	19090	11710	12280	7870			9520	6240	(23.7)
-3.0 m (-9.8 ft)	kg	*11220	10230	*8410	5420	5680	3670			5380	3500	6.25
	lb	*24740	22550	*18540	11950	12520	8090			11860	7720	(20.5)

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.

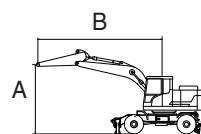
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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HW210A	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5650	2400	3400	-	310	-	-	Down	Down

·  : 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									*4820	*4820	5.72
	lb									*10630	*10630	(18.8)
6.0 m (19.7 ft)	kg					*5520	*5520			*4400	*4400	6.89
	lb					*12170	*12170			*9700	*9700	(22.6)
4.5 m (14.8 ft)	kg			*7190	*7190	*5960	*5960	*5130	4570	*4300	*4300	7.59
	lb			*15850	*15850	*13140	*13140	*11310	10080	*9480	*9480	(24.9)
3.0 m (9.8 ft)	kg			*8800	*8800	*6640	6310	*5630	4490	*4390	4100	7.94
	lb			*19400	*19400	*14640	13910	*12410	9900	*9680	9040	(26.1)
1.5 m (4.9 ft)	kg			*10000	9380	*7260	6070	*5870	4380	*4680	3980	8.00
	lb			*22050	20680	*16010	13380	*12940	9660	*10320	8770	(26.2)
0.0 m (0.0 ft)	kg			*10280	9170	*7540	5920	*5900	4320	*5240	4120	7.76
	lb			*22660	20220	*16620	13050	*13010	9520	*11550	9080	(25.5)
-1.5 m (-4.9 ft)	kg	*11990	*11990	*9780	9160	*7290	5890			*5710	4570	7.21
	lb	*26430	*26430	*21560	20190	*16070	12990			*12590	10080	(23.7)
-3.0 m (-9.8 ft)	kg	*11220	*11220	*8410	*8410	*6070	6000			*5610	*5610	6.25
	lb	*24740	*24740	*18540	*18540	*13380	13230			*12370	*12370	(20.5)

Note 1. Lifting capacity are based on ISO 10567.

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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HW210A	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5650	2400	3400	-	310	-	Up	Up	-



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									*4820	4660	5.72
	lb									*10630	10270	(18.8)
6.0 m (19.7 ft)	kg					*5520	4330			*4400	3400	6.89
	lb					*12170	9550			*9700	7500	(22.6)
4.5 m (14.8 ft)	kg			*7190	6450	*5960	4170	4330	2900	4240	2840	7.59
	lb			*15850	14220	*13140	9190	9550	6390	9350	6260	(24.9)
3.0 m (9.8 ft)	kg			*8800	5900	5980	3940	4240	2820	3870	2570	7.94
	lb			*19400	13010	13180	8690	9350	6220	8530	5670	(26.1)
1.5 m (4.9 ft)	kg			8890	5490	5750	3730	4140	2730	3760	2480	8.00
	lb			19600	12100	12680	8220	9130	6020	8290	5470	(26.2)
0.0 m (0.0 ft)	kg			8680	5310	5600	3600	4070	2670	3890	2550	7.76
	lb			19140	11710	12350	7940	8970	5890	8580	5620	(25.5)
-1.5 m (-4.9 ft)	kg	*11990	9990	8660	5300	5570	3570			4320	2820	7.21
	lb	*26430	22020	19090	11680	12280	7870			9520	6220	(23.7)
-3.0 m (-9.8 ft)	kg	*11220	10210	*8410	5410	5680	3660			5380	3490	6.25
	lb	*24740	22510	*18540	11930	12520	8070			11860	7690	(20.5)

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).

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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.

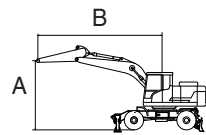
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
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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HW210A	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5650	2700	3400	-	310	Down	-	-	Down

·  : 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					*4180	*4180			*3620	*3620	6.10
	lb					*9220	*9220			*7980	*7980	(20.0)
6.0 m (19.7 ft)	kg					*5270	*5270			*3330	*3330	7.21
	lb					*11620	*11620			*7340	*7340	(23.6)
4.5 m (14.8 ft)	kg			*6840	*6840	*5750	*5750	*5240	4130	*3260	*3260	7.88
	lb			*15080	*15080	*12680	*12680	*11550	9110	*7190	*7190	(25.8)
3.0 m (9.8 ft)	kg			*8500	*8500	*6480	5650	*5510	4030	*3330	*3330	8.22
	lb			*18740	*18740	*14290	12460	*12150	8880	*7340	*7340	(27.0)
1.5 m (4.9 ft)	kg			*9840	8230	*7170	5410	*5820	3920	*3540	3390	8.27
	lb			*21690	18140	*15810	11930	*12830	8640	*7800	7470	(27.1)
0.0 m (0.0 ft)	kg	*6270	*6270	*10320	7980	*7540	5250	*5940	3840	*3950	3490	8.05
	lb	*13820	*13820	*22750	17590	*16620	11570	*13100	8470	*8710	7690	(26.4)
-1.5 m (-4.9 ft)	kg	*11690	*11690	*9980	7930	*7410	5190	*4870	3840	*4700	3830	7.51
	lb	*25770	*25770	*22000	17480	*16340	11440	*10740	8470	*10360	8440	(24.6)
-3.0 m (-9.8 ft)	kg	*12050	*12050	*8810	8030	*6470	5260			*5530	4640	6.59
	lb	*26570	*26570	*19420	17700	*14260	11600			*12190	10230	(21.6)
-4.5 m (-14.8 ft)	kg			*6090	*6090					*5010	*5010	5.08
	lb			*13430	*13430					*11050	*11050	(16.7)

Note 1. Lifting capacity are based on ISO 10567.

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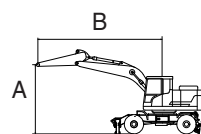
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
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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HW210A	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5650	2700	3400	-	310	Up	-	-	Up

·  : 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					*4180	*4180			*3620	*3620	6.10
	lb					*9220	*9220			*7980	*7980	(20.0)
6.0 m (19.7 ft)	kg					*5270	4470			*3330	3260	7.21
	lb					*11620	9850			*7340	7190	(23.6)
4.5 m (14.8 ft)	kg			*6840	6670	*5750	4300	4400	3010	*3260	2760	7.88
	lb			*15080	14700	*12680	9480	9700	6640	*7190	6080	(25.8)
3.0 m (9.8 ft)	kg			*8500	6130	6070	4070	4300	2920	*3330	2510	8.22
	lb			*18740	13510	13380	8970	9480	6440	*7340	5530	(27.0)
1.5 m (4.9 ft)	kg			9020	5680	5820	3850	4180	2810	*3540	2430	8.27
	lb			19890	12520	12830	8490	9220	6190	*7800	5360	(27.1)
0.0 m (0.0 ft)	kg	*6270	*6270	8760	5460	5650	3700	4100	2730	3720	2490	8.05
	lb	*13820	*13820	19310	12040	12460	8160	9040	6020	8200	5490	(26.4)
-1.5 m (-4.9 ft)	kg	*11690	10150	8710	5420	5590	3650	4100	2730	4090	2730	7.51
	lb	*25770	22380	19200	11950	12320	8050	9040	6020	9020	6020	(24.6)
-3.0 m (-9.8 ft)	kg	*12050	10350	8810	5500	5660	3710			4980	3300	6.59
	lb	*26570	22820	19420	12130	12480	8180			10980	7280	(21.6)
-4.5 m (-14.8 ft)	kg			*6090	5760					*5010	4900	5.08
	lb			*13430	12700					*11050	10800	(16.7)

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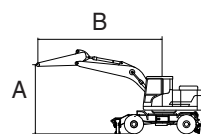
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


Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HW210A	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5650	2700	3400	-	310	-	Down	Down	-

·  : 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					*4180	*4180			*3620	*3620	6.10
	lb					*9220	*9220			*7980	*7980	(20.0)
6.0 m (19.7 ft)	kg					*5270	*5270			*3330	*3330	7.21
	lb					*11620	*11620			*7340	*7340	(23.6)
4.5 m (14.8 ft)	kg			*6840	*6840	*5750	5620	*5240	3930	*3260	*3260	7.88
	lb			*15080	*15080	*12680	12390	*11550	8660	*7190	*7190	(25.8)
3.0 m (9.8 ft)	kg			*8500	8270	*6480	5370	*5510	3830	*3330	3320	8.22
	lb			*18740	18230	*14290	11840	*12150	8440	*7340	7320	(27.0)
1.5 m (4.9 ft)	kg			*9840	7780	*7170	5130	*5820	3720	*3540	3220	8.27
	lb			*21690	17150	*15810	11310	*12830	8200	*7800	7100	(27.1)
0.0 m (0.0 ft)	kg	*6270	*6270	*10320	7540	*7540	4970	*5940	3640	*3950	3310	8.05
	lb	*13820	*13820	*22750	16620	*16620	10960	*13100	8020	*8710	7300	(26.4)
-1.5 m (-4.9 ft)	kg	*11690	*11690	*9980	7490	*7410	4920	*4870	3640	*4700	3630	7.51
	lb	*25770	*25770	*22000	16510	*16340	10850	*10740	8020	*10360	8000	(24.6)
-3.0 m (-9.8 ft)	kg	*12050	*12050	*8810	7580	*6470	4980			*5530	4400	6.59
	lb	*26570	*26570	*19420	16710	*14260	10980			*12190	9700	(21.6)
-4.5 m (-14.8 ft)	kg			*6090	*6090					*5010	*5010	5.08
	lb			*13430	*13430					*11050	*11050	(16.7)

Note 1. Lifting capacity are based on ISO 10567.

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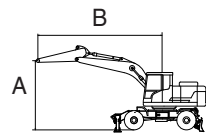
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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HW210A	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5650	2700	3400	-	310	-	Up	Up	-

·  : 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					*4180	*4180			*3620	*3620	6.10
	lb					*9220	*9220			*7980	*7980	(20.0)
6.0 m (19.7 ft)	kg					*5270	4400			*3330	3210	7.21
	lb					*11620	9700			*7340	7080	(23.6)
4.5 m (14.8 ft)	kg			*6840	6580	*5750	4240	4390	2960	*3260	2710	7.88
	lb			*15080	14510	*12680	9350	9680	6530	*7190	5970	(25.8)
3.0 m (9.8 ft)	kg			*8500	6040	6050	4000	4290	2870	*3330	2470	8.22
	lb			*18740	13320	13340	8820	9460	6330	*7340	5450	(27.0)
1.5 m (4.9 ft)	kg			8990	5590	5800	3780	4170	2760	*3540	2380	8.27
	lb			19820	12320	12790	8330	9190	6080	*7800	5250	(27.1)
0.0 m (0.0 ft)	kg	*6270	*6270	8730	5370	5630	3630	4090	2680	3700	2440	8.05
	lb	*13820	*13820	19250	11840	12410	8000	9020	5910	8160	5380	(26.4)
-1.5 m (-4.9 ft)	kg	*11690	9990	8680	5330	5580	3580	4080	2680	4080	2680	7.51
	lb	*25770	22020	19140	11750	12300	7890	8990	5910	8990	5910	(24.6)
-3.0 m (-9.8 ft)	kg	*12050	10180	8780	5410	5640	3640			4960	3240	6.59
	lb	*26570	22440	19360	11930	12430	8020			10930	7140	(21.6)
-4.5 m (-14.8 ft)	kg			*6090	5670					*5010	4820	5.08
	lb			*13430	12500					*11050	10630	(16.7)

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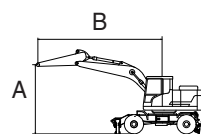
Consult with your local HD Hyundai Construction Equipment dealer regarding the lifting capacities for specific work tools and attachments.











▲ 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	
HW210A	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5650	2700	3400	-	310	-	-	Down	Down

·  : 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					*4180	*4180			*3620	*3620	6.10
	lb					*9220	*9220			*7980	*7980	(20.0)
6.0 m (19.7 ft)	kg					*5270	*5270			*3330	*3330	7.21
	lb					*11620	*11620			*7340	*7340	(23.6)
4.5 m (14.8 ft)	kg			*6840	*6840	*5750	*5750	*5240	4630	*3260	*3260	7.88
	lb			*15080	*15080	*12680	*12680	*11550	10210	*7190	*7190	(25.8)
3.0 m (9.8 ft)	kg			*8500	*8500	*6480	6370	*5510	4530	*3330	*3330	8.22
	lb			*18740	*18740	*14290	14040	*12150	9990	*7340	*7340	(27.0)
1.5 m (4.9 ft)	kg			*9840	9490	*7170	6120	*5820	4410	*3540	*3540	8.27
	lb			*21690	20920	*15810	13490	*12830	9720	*7800	*7800	(27.1)
0.0 m (0.0 ft)	kg	*6270	*6270	*10320	9230	*7540	5960	*5940	4330	*3950	3920	8.05
	lb	*13820	*13820	*22750	20350	*16620	13140	*13100	9550	*8710	8640	(26.4)
-1.5 m (-4.9 ft)	kg	*11690	*11690	*9980	9180	*7410	5900	*4870	4320	*4700	4320	7.51
	lb	*25770	*25770	*22000	20240	*16340	13010	*10740	9520	*10360	9520	(24.6)
-3.0 m (-9.8 ft)	kg	*12050	*12050	*8810	*8810	*6470	5970			*5530	5250	6.59
	lb	*26570	*26570	*19420	*19420	*14260	13160			*12190	11570	(21.6)
-4.5 m (-14.8 ft)	kg			*6090	*6090					*5010	*5010	5.08
	lb			*13430	*13430					*11050	*11050	(16.7)

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.

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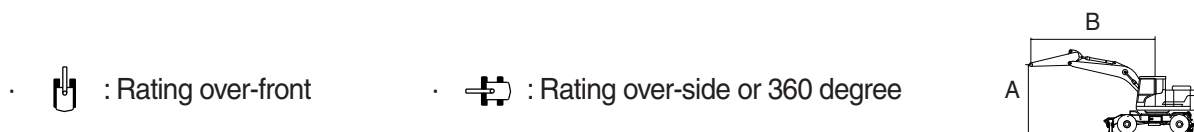
Lifting capacities will vary with different work tools, ground conditions and attachments.











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

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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HW210A	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5650	2700	3400	-	310	-	-	Up	Up



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					*4180	*4180			*3620	*3620	6.10
	lb					*9220	*9220			*7980	*7980	(20.0)
6.0 m (19.7 ft)	kg					*5270	4390			*3330	3200	7.21
	lb					*11620	9680			*7340	7050	(23.6)
4.5 m (14.8 ft)	kg			*6840	6570	*5750	4230	4390	2960	*3260	2710	7.88
	lb			*15080	14480	*12680	9330	9680	6530	*7190	5970	(25.8)
3.0 m (9.8 ft)	kg			*8500	6030	6050	4000	4290	2860	*3330	2460	8.22
	lb			*18740	13290	13340	8820	9460	6310	*7340	5420	(27.0)
1.5 m (4.9 ft)	kg			8990	5580	5800	3770	4170	2750	*3540	2380	8.27
	lb			19820	12300	12790	8310	9190	6060	*7800	5250	(27.1)
0.0 m (0.0 ft)	kg	*6270	*6270	8730	5360	5630	3630	4090	2680	3700	2440	8.05
	lb	*13820	*13820	19250	11820	12410	8000	9020	5910	8160	5380	(26.4)
-1.5 m (-4.9 ft)	kg	*11690	9970	8680	5320	5580	3580	4080	2680	4080	2670	7.51
	lb	*25770	21980	19140	11730	12300	7890	8990	5910	8990	5890	(24.6)
-3.0 m (-9.8 ft)	kg	*12050	10160	8780	5400	5640	3640			4960	3240	6.59
	lb	*26570	22400	19360	11900	12430	8020			10930	7140	(21.6)
-4.5 m (-14.8 ft)	kg			*6090	5660					*5010	4810	5.08
	lb			*13430	12480					*11050	10600	(16.7)

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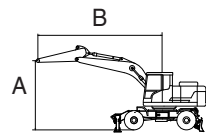
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




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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HW210A	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5650	2920	3400	-	310	Down	-	-	Down

·  : 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							*4680	*4680			*3140	*3140	6.39
	lb							*10320	*10320			*6920	*6920	(21.0)
6.0 m (19.7 ft)	kg							*5020	*5020			*2900	*2900	7.45
	lb							*11070	*11070			*6390	*6390	(24.5)
4.5 m (14.8 ft)	kg					*6500	*6500	*5520	*5520	*5030	4110	*2840	*2840	8.10
	lb					*14330	*14330	*12170	*12170	*11090	9060	*6260	*6260	(26.6)
3.0 m (9.8 ft)	kg					*8160	*8160	*6270	5620	*5340	4000	*2890	*2890	8.43
	lb					*17990	*17990	*13820	12390	*11770	8820	*6370	*6370	(27.7)
1.5 m (4.9 ft)	kg					*9580	8190	*6990	5360	*5680	3870	*3070	*3070	8.49
	lb					*21120	18060	*15410	11820	*12520	8530	*6770	*6770	(27.8)
0.0 m (0.0 ft)	kg			*6650	*6650	*10180	7900	*7420	5180	*5850	3780	*3400	3300	8.27
	lb			*14660	*14660	*22440	17420	*16360	11420	*12900	8330	*7500	7280	(27.1)
-1.5 m (-4.9 ft)	kg	*7190	*7190	*11250	*11250	*9980	7830	*7370	5110	*5620	3760	*4010	3600	7.75
	lb	*15850	*15850	*24800	*24800	*22000	17260	*16250	11270	*12390	8290	*8840	7940	(25.4)
-3.0 m (-9.8 ft)	kg	*11870	*11870	*12450	*12450	*8950	7910	*6600	5160			*5240	4310	6.86
	lb	*26170	*26170	*27450	*27450	*19730	17440	*14550	11380			*11550	9500	(22.5)
-4.5 m (-14.8 ft)	kg			*9040	*9040	*6580	*6580					*4960	*4960	5.43
	lb			*19930	*19930	*14510	*14510					*10930	*10930	(17.8)

Note 1. Lifting capacity are based on ISO 10567.

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






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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HW210A	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5650	2920	3400	-	310	Up	-	-	Up



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							*4680	4480			*3140	*3140	6.39
	lb							*10320	9880			*6920	*6920	(21.0)
6.0 m (19.7 ft)	kg							*5020	4460			*2900	*2900	7.45
	lb							*11070	9830			*6390	*6390	(24.5)
4.5 m (14.8 ft)	kg					*6500	*6500	*5520	4290	4380	2980	*2840	2600	8.10
	lb					*14330	*14330	*12170	9460	9660	6570	*6260	5730	(26.6)
3.0 m (9.8 ft)	kg					*8160	6130	6040	4040	4260	2880	*2890	2370	8.43
	lb					*17990	13510	13320	8910	9390	6350	*6370	5220	(27.7)
1.5 m (4.9 ft)	kg					8990	5640	5770	3800	4130	2760	*3070	2280	8.49
	lb					19820	12430	12720	8380	9110	6080	*6770	5030	(27.8)
0.0 m (0.0 ft)	kg			*6650	*6650	8680	5380	5590	3630	4040	2670	*3400	2330	8.27
	lb			*14660	*14660	19140	11860	12320	8000	8910	5890	*7500	5140	(27.1)
-1.5 m (-4.9 ft)	kg	*7190	*7190	*11250	9960	8600	5310	5510	3570	4020	2650	3850	2550	7.75
	lb	*15850	*15850	*24800	21960	18960	11710	12150	7870	8860	5840	8490	5620	(25.4)
-3.0 m (-9.8 ft)	kg	*11870	*11870	*12450	10160	8690	5390	5560	3610			4630	3050	6.86
	lb	*26170	*26170	*27450	22400	19160	11880	12260	7960			10210	6720	(22.5)
-4.5 m (-14.8 ft)	kg			*9040	*9040	*6580	5620					*4960	4370	5.43
	lb			*19930	*19930	*14510	12390					*10930	9630	(17.8)

Note 1. Lifting capacity are based on ISO 10567.

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






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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HW210A	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5650	2920	3400	-	310	-	Down	Down	-



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							*4680	*4680			*3140	*3140	6.39
	lb							*10320	*10320			*6920	*6920	(21.0)
6.0 m (19.7 ft)	kg							*5020	*5020			*2900	*2900	7.45
	lb							*11070	*11070			*6390	*6390	(24.5)
4.5 m (14.8 ft)	kg					*6500	*6500	*5520	*5520	*5030	3910	*2840	*2840	8.10
	lb					*14330	*14330	*12170	*12170	*11090	8620	*6260	*6260	(26.6)
3.0 m (9.8 ft)	kg					*8160	*8160	*6270	5340	*5340	3800	*2890	*2890	8.43
	lb					*17990	*17990	*13820	11770	*11770	8380	*6370	*6370	(27.7)
1.5 m (4.9 ft)	kg					*9580	7740	*6990	5080	*5680	3670	*3070	3050	8.49
	lb					*21120	17060	*15410	11200	*12520	8090	*6770	6720	(27.8)
0.0 m (0.0 ft)	kg			*6650	*6650	*10180	7460	*7420	4910	*5850	3580	*3400	3120	8.27
	lb			*14660	*14660	*22440	16450	*16360	10820	*12900	7890	*7500	6880	(27.1)
-1.5 m (-4.9 ft)	kg	*7190	*7190	*11250	*11250	*9980	7380	*7370	4840	*5620	3560	*4010	3410	7.75
	lb	*15850	*15850	*24800	*24800	*22000	16270	*16250	10670	*12390	7850	*8840	7520	(25.4)
-3.0 m (-9.8 ft)	kg	*11870	*11870	*12450	*12450	*8950	7460	*6600	4880			*5240	4090	6.86
	lb	*26170	*26170	*27450	*27450	*19730	16450	*14550	10760			*11550	9020	(22.5)
-4.5 m (-14.8 ft)	kg			*9040	*9040	*6580	*6580					*4960	*4960	5.43
	lb			*19930	*19930	*14510	*14510					*10930	*10930	(17.8)

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.

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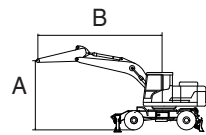
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






Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HW210A	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5650	2920	3400	-	310	-	Up	Up	-

·  : 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							*4680	4420			*3140	*3140	6.39
	lb							*10320	9740			*6920	*6920	(21.0)
6.0 m (19.7 ft)	kg							*5020	4400			*2900	*2900	7.45
	lb							*11070	9700			*6390	*6390	(24.5)
4.5 m (14.8 ft)	kg					*6500	*6500	*5520	4220	4370	2930	*2840	2550	8.10
	lb					*14330	*14330	*12170	9300	9630	6460	*6260	5620	(26.6)
3.0 m (9.8 ft)	kg					*8160	6040	6030	3970	4250	2830	*2890	2320	8.43
	lb					*17990	13320	13290	8750	9370	6240	*6370	5110	(27.7)
1.5 m (4.9 ft)	kg					8960	5550	5760	3730	4120	2710	*3070	2240	8.49
	lb					19750	12240	12700	8220	9080	5970	*6770	4940	(27.8)
0.0 m (0.0 ft)	kg			*6650	*6650	8650	5290	5570	3570	4030	2620	*3400	2290	8.27
	lb			*14660	*14660	19070	11660	12280	7870	8880	5780	*7500	5050	(27.1)
-1.5 m (-4.9 ft)	kg	*7190	*7190	*11250	9790	8570	5220	5500	3500	4000	2600	3840	2500	7.75
	lb	*15850	*15850	*24800	21580	18890	11510	12130	7720	8820	5730	8470	5510	(25.4)
-3.0 m (-9.8 ft)	kg	*11870	*11870	*12450	9990	8660	5290	5550	3550			4610	3000	6.86
	lb	*26170	*26170	*27450	22020	19090	11660	12240	7830			10160	6610	(22.5)
-4.5 m (-14.8 ft)	kg			*9040	*9040	*6580	5520					*4960	4290	5.43
	lb			*19930	*19930	*14510	12170					*10930	9460	(17.8)

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






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▲ 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	
HW210A	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5650	2920	3400	-	310	-	-	Down	Down



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							*4680	*4680			*3140	*3140	6.39
	lb							*10320	*10320			*6920	*6920	(21.0)
6.0 m (19.7 ft)	kg							*5020	*5020			*2900	*2900	7.45
	lb							*11070	*11070			*6390	*6390	(24.5)
4.5 m (14.8 ft)	kg					*6500	*6500	*5520	*5520	*5030	4610	*2840	*2840	8.10
	lb					*14330	*14330	*12170	*12170	*11090	10160	*6260	*6260	(26.6)
3.0 m (9.8 ft)	kg					*8160	*8160	*6270	*6270	*5340	4490	*2890	*2890	8.43
	lb					*17990	*17990	*13820	*13820	*11770	9900	*6370	*6370	(27.7)
1.5 m (4.9 ft)	kg					*9580	9450	*6990	6080	*5680	4360	*3070	*3070	8.49
	lb					*21120	20830	*15410	13400	*12520	9610	*6770	*6770	(27.8)
0.0 m (0.0 ft)	kg			*6650	*6650	*10180	9150	*7420	5890	*5850	4270	*3400	*3400	8.27
	lb			*14660	*14660	*22440	20170	*16360	12990	*12900	9410	*7500	*7500	(27.1)
-1.5 m (-4.9 ft)	kg	*7190	*7190	*11250	*11250	*9980	9070	*7370	5820	*5620	4240	*4010	*4010	7.75
	lb	*15850	*15850	*24800	*24800	*22000	20000	*16250	12830	*12390	9350	*8840	*8840	(25.4)
-3.0 m (-9.8 ft)	kg	*11870	*11870	*12450	*12450	*8950	*8950	*6600	5870			*5240	4880	6.86
	lb	*26170	*26170	*27450	*27450	*19730	*19730	*14550	12940			*11550	10760	(22.5)
-4.5 m (-14.8 ft)	kg			*9040	*9040	*6580	*6580					*4960	*4960	5.43
	lb			*19930	*19930	*14510	*14510					*10930	*10930	(17.8)

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.

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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.

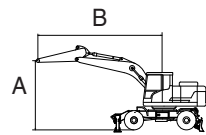
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




▲ 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	
HW210A	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5650	2920	3400	-	310	-	-	Up	Up

·  : 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							*4680	4410			*3140	*3140	6.39
	lb							*10320	9720			*6920	*6920	(21.0)
6.0 m (19.7 ft)	kg							*5020	4390			*2900	*2900	7.45
	lb							*11070	9680			*6390	*6390	(24.5)
4.5 m (14.8 ft)	kg					*6500	*6500	*5520	4220	4370	2930	*2840	2550	8.10
	lb					*14330	*14330	*12170	9300	9630	6460	*6260	5620	(26.6)
3.0 m (9.8 ft)	kg					*8160	6030	6020	3970	4250	2820	*2890	2320	8.43
	lb					*17990	13290	13270	8750	9370	6220	*6370	5110	(27.7)
1.5 m (4.9 ft)	kg					8960	5540	5750	3730	4120	2700	*3070	2240	8.49
	lb					19750	12210	12680	8220	9080	5950	*6770	4940	(27.8)
0.0 m (0.0 ft)	kg			*6650	*6650	8650	5280	5570	3560	4030	2620	*3400	2280	8.27
	lb			*14660	*14660	19070	11640	12280	7850	8880	5780	*7500	5030	(27.1)
-1.5 m (-4.9 ft)	kg	*7190	*7190	*11250	9770	8570	5210	5500	3490	4000	2590	3840	2490	7.75
	lb	*15850	*15850	*24800	21540	18890	11490	12130	7690	8820	5710	8470	5490	(25.4)
-3.0 m (-9.8 ft)	kg	*11870	*11870	*12450	9970	8660	5280	5550	3540			4610	2990	6.86
	lb	*26170	*26170	*27450	21980	19090	11640	12240	7800			10160	6590	(22.5)
-4.5 m (-14.8 ft)	kg			*9040	*9040	*6580	5510					*4960	4290	5.43
	lb			*19930	*19930	*14510	12150					*10930	9460	(17.8)

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.

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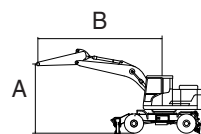
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## 2) 5.40 m 2-PIECE BOOM+4100 kg COUNTERWEIGHT

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HW210A	2-PIECE BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5400	2400	4100	-	310	Down	-	-	Down

·  : 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			*4680 *10320	*4680 *10320					*5110 *11270	*5110 *11270	5.48 (18.0)
6.0 m (19.7 ft)	kg lb			*4810 *10600	*4810 *10600	*4800 *10580	*4800 *10580			*4720 *10410	*4720 *10410	6.69 (22.0)
4.5 m (14.8 ft)	kg lb	*7890 *17390	*7890 *17390	*5910 *13030	*5910 *13030	*5170 *11400	*5170 *11400			*4510 *9940	*4510 *9940	7.41 (24.3)
3.0 m (9.8 ft)	kg lb			*7600 *16760	*7600 *16760	*5920 *13050	*5920 *13050	*5290 *11660	4400 9700	*4520 *9960	4150 9150	7.77 (25.5)
1.5 m (4.9 ft)	kg lb			*9200 *20280	9010 19860	*6740 *14860	5920 13050	*5660 *12480	4310 9500	*4740 *10450	4050 8930	7.83 (25.7)
0.0 m (0.0 ft)	kg lb			*10120 *22310	8790 19380	*7360 *16230	5790 12760	*5950 *13120	4260 9390	*5210 *11490	4200 9260	7.59 (24.9)
-1.5 m (-4.9 ft)	kg lb	*12480 *27510	*12480 *27510	*10310 *22730	8780 19360	*7570 *16690	5760 12700			*6130 *13510	4680 10320	7.02 (23.0)

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.

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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.

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▲ 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	
HW210A	2-PIECE BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5400	2400	4100	-	310	Up	-	-	Up



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			*4680 *10320	*4680 *10320					*5110 *11270	*5110 *11270	5.48 (18.0)
6.0 m (19.7 ft)	kg lb			*4810 *10600	*4810 *10600	*4800 *10580	*4800 *10580			*4720 *10410	3990 8800	6.69 (22.0)
4.5 m (14.8 ft)	kg lb	*7890 *17390	*7890 *17390	*5910 *13030	*5910 *13030	*5170 *11400	4680 10320			*4510 *9940	3340 7360	7.41 (24.3)
3.0 m (9.8 ft)	kg lb			*7600 *16760	6720 14820	*5920 *13050	4470 9850	4700 10360	3220 7100	4430 9770	3040 6700	7.77 (25.5)
1.5 m (4.9 ft)	kg lb			*9200 *20280	6300 13890	6390 14090	4270 9410	4610 10160	3130 6900	4320 9520	2950 6500	7.83 (25.7)
0.0 m (0.0 ft)	kg lb			9670 21320	6110 13470	6240 13760	4140 9130	4560 10050	3090 6810	4490 9900	3040 6700	7.59 (24.9)
-1.5 m (-4.9 ft)	kg lb	*12480 *27510	11370 25070	9650 21270	6090 13430	6220 13710	4120 9080			5020 11070	3390 7470	7.02 (23.0)

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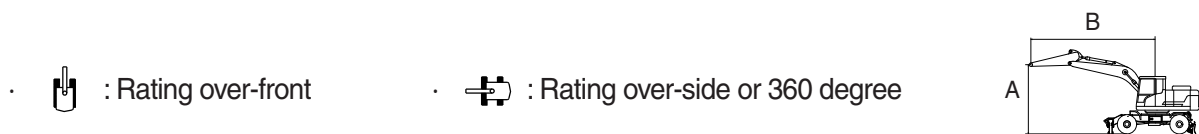
Lifting capacities will vary with different work tools, ground conditions and attachments.











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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HW210A	2-PIECE BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5400	2400	4100	-	310	-	Down	Down	-



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			*4680 *10320	*4680 *10320					*5110 *11270	*5110 *11270	5.48 (18.0)
6.0 m (19.7 ft)	kg lb			*4810 *10600	*4810 *10600	*4800 *10580	*4800 *10580			*4720 *10410	*4720 *10410	6.69 (22.0)
4.5 m (14.8 ft)	kg lb	*7890 *17390	*7890 *17390	*5910 *13030	*5910 *13030	*5170 *11400	*5170 *11400			*4510 *9940	4330 9550	7.41 (24.3)
3.0 m (9.8 ft)	kg lb			*7600 *16760	*7600 *16760	*5920 *13050	5850 12900	*5290 *11660	4190 9240	*4520 *9960	3960 8730	7.77 (25.5)
1.5 m (4.9 ft)	kg lb			*9200 *20280	8540 18830	*6740 *14860	5640 12430	*5660 *12480	4100 9040	*4740 *10450	3860 8510	7.83 (25.7)
0.0 m (0.0 ft)	kg lb			*10120 *22310	8330 18360	*7360 *16230	5500 12130	*5950 *13120	4050 8930	*5210 *11490	3990 8800	7.59 (24.9)
-1.5 m (-4.9 ft)	kg lb	*12480 *27510	*12480 *27510	*10310 *22730	8310 18320	*7570 *16690	5480 12080			*6130 *13510	4460 9830	7.02 (23.0)

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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HW210A	2-PIECE BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5400	2400	4100	-	310	-	Up	Up	-



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			*4680 *10320	*4680 *10320					*5110 *11270	*5110 *11270	5.48 (18.0)
6.0 m (19.7 ft)	kg lb			*4810 *10600	*4810 *10600	*4800 *10580	4750 10470			*4720 *10410	3930 8660	6.69 (22.0)
4.5 m (14.8 ft)	kg lb	*7890 *17390	*7890 *17390	*5910 *13030	*5910 *13030	*5170 *11400	4620 10190			*4510 *9940	3290 7250	7.41 (24.3)
3.0 m (9.8 ft)	kg lb			*7600 *16760	6620 14590	*5920 *13050	4410 9720	4680 10320	3170 6990	4420 9740	2990 6590	7.77 (25.5)
1.5 m (4.9 ft)	kg lb			*9200 *20280	6210 13690	6370 14040	4210 9280	4590 10120	3080 6790	4310 9500	2900 6390	7.83 (25.7)
0.0 m (0.0 ft)	kg lb			9640 21250	6010 13250	6220 13710	4080 8990	4540 10010	3040 6700	4470 9850	2990 6590	7.59 (24.9)
-1.5 m (-4.9 ft)	kg lb	*12480 *27510	11210 24710	9620 21210	6000 13230	6200 13670	4060 8950			5000 11020	3340 7360	7.02 (23.0)

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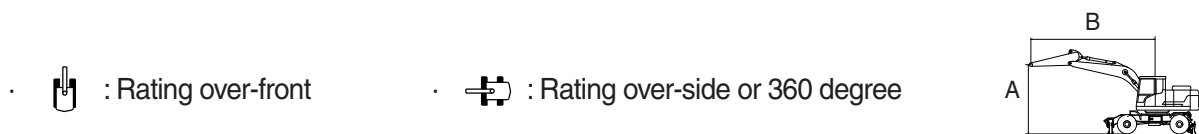
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








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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HW210A	2-PIECE BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5400	2400	4100	-	310	-	-	Down	Down



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			*4680 *10320	*4680 *10320					*5110 *11270	*5110 *11270	5.48 (18.0)
6.0 m (19.7 ft)	kg lb			*4810 *10600	*4810 *10600	*4800 *10580	*4800 *10580			*4720 *10410	*4720 *10410	6.69 (22.0)
4.5 m (14.8 ft)	kg lb	*7890 *17390	*7890 *17390	*5910 *13030	*5910 *13030	*5170 *11400	*5170 *11400			*4510 *9940	*4510 *9940	7.41 (24.3)
3.0 m (9.8 ft)	kg lb			*7600 *16760	*7600 *16760	*5920 *13050	*5920 *13050	*5290 *11660	4920 10850	*4520 *9960	*4520 *9960	7.77 (25.5)
1.5 m (4.9 ft)	kg lb			*9200 *20280	*9200 *20280	*6740 *14860	6690 14750	*5660 *12480	4830 10650	*4740 *10450	4540 10010	7.83 (25.7)
0.0 m (0.0 ft)	kg lb			*10120 *22310	*10120 *22310	*7360 *16230	6550 14440	*5950 *13120	4780 10540	*5210 *11490	4710 10380	7.59 (24.9)
-1.5 m (-4.9 ft)	kg lb	*12480 *27510	*12480 *27510	*10310 *22730	10120 22310	*7570 *16690	6520 14370			*6130 *13510	5270 11620	7.02 (23.0)

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
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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HW210A	2-PIECE BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5400	2400	4100	-	310	-	-	Up	Up



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			*4680 *10320	*4680 *10320					*5110 *11270	*5110 *11270	5.48 (18.0)
6.0 m (19.7 ft)	kg lb			*4810 *10600	*4810 *10600	*4800 *10580	4740 10450			*4720 *10410	3920 8640	6.69 (22.0)
4.5 m (14.8 ft)	kg lb	*7890 *17390	*7890 *17390	*5910 *13030	*5910 *13030	*5170 *11400	4610 10160			*4510 *9940	3280 7230	7.41 (24.3)
3.0 m (9.8 ft)	kg lb			*7600 *16760	6610 14570	*5920 *13050	4400 9700	4680 10320	3160 6970	4420 9740	2980 6570	7.77 (25.5)
1.5 m (4.9 ft)	kg lb			*9200 *20280	6190 13650	6370 14040	4200 9260	4590 10120	3080 6790	4310 9500	2890 6370	7.83 (25.7)
0.0 m (0.0 ft)	kg lb			9640 21250	6000 13230	6220 13710	4070 8970	4540 10010	3030 6680	4470 9850	2990 6590	7.59 (24.9)
-1.5 m (-4.9 ft)	kg lb	*12480 *27510	11190 24670	9620 21210	5990 13210	6200 13670	4050 8930			5000 11020	3330 7340	7.02 (23.0)

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.

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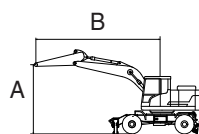
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▲ Failure to comply to the rated load can cause serious injury, death, or property damage. Make adjustments to the rated load as necessary for non-standard configurations.

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HW210A	2-PIECE BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5400	2700	4100	-	310	Down	-	-	Down

·  : 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)
9.0 m (29.5 ft)	kg lb									*5310 *11710	*5310 *11710	3.87 (12.7)
7.5 m (24.6 ft)	kg lb									*4030 *8880	*4030 *8880	5.87 (19.3)
6.0 m (19.7 ft)	kg lb			*4450 *9810	*4450 *9810	*4510 *9940	*4510 *9940			*3610 *7960	*3610 *7960	7.02 (23.0)
4.5 m (14.8 ft)	kg lb	*7030 *15500	*7030 *15500	*5540 *12210	*5540 *12210	*4940 *10890	*4940 *10890	*4820 *10630	4520 9960	*3460 *7630	*3460 *7630	7.71 (25.3)
3.0 m (9.8 ft)	kg lb			*7250 *15980	*7250 *15980	*5720 *12610	*5720 *12610	*5100 *11240	4440 9790	*3480 *7670	*3480 *7670	8.05 (26.4)
1.5 m (4.9 ft)	kg lb			*8940 *19710	*8940 *19710	*6580 *14510	5970 13160	*5530 *12190	4330 9550	*3640 *8020	*3640 *8020	8.11 (26.6)
0.0 m (0.0 ft)	kg lb	*6490 *14310	*6490 *14310	*10010 *22070	8850 19510	*7270 *16030	5820 12830	*5890 *12990	4270 9410	*3990 *8800	*3990 *8800	7.88 (25.8)
-1.5 m (-4.9 ft)	kg lb	*12120 *26720	*12120 *26720	*10360 *22840	8790 19380	*7590 *16730	5770 12720			*4660 *10270	4410 9720	7.33 (24.1)
-3.0 m (-9.8 ft)	kg lb			*9890 *21800	8900 19620							

Note 1. Lifting capacity are based on ISO 10567.

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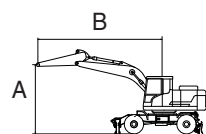
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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HW210A	2-PIECE BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5400	2700	4100	-	310	Up	-	-	Up

·  : 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)
9.0 m (29.5 ft)	kg									*5310	*5310	3.87
	lb									*11710	*11710	(12.7)
7.5 m (24.6 ft)	kg									*4030	*4030	5.87
	lb									*8880	*8880	(19.3)
6.0 m (19.7 ft)	kg			*4450	*4450	*4510	*4510			*3610	*3610	7.02
	lb			*9810	*9810	*9940	*9940			*7960	*7960	(23.0)
4.5 m (14.8 ft)	kg	*7030	*7030	*5540	*5540	*4940	4750	4820	3330	*3460	3170	7.71
	lb	*15500	*15500	*12210	*12210	*10890	10470	10630	7340	*7630	6990	(25.3)
3.0 m (9.8 ft)	kg			*7250	6830	*5720	4530	4740	3250	*3480	2900	8.05
	lb			*15980	15060	*12610	9990	10450	7170	*7670	6390	(26.4)
1.5 m (4.9 ft)	kg			*8940	6390	6430	4320	4630	3160	*3640	2820	8.11
	lb			*19710	14090	14180	9520	10210	6970	*8020	6220	(26.6)
0.0 m (0.0 ft)	kg	*6490	*6490	9720	6160	6270	4170	4560	3090	*3990	2900	7.88
	lb	*14310	*14310	21430	13580	13820	9190	10050	6810	*8800	6390	(25.8)
-1.5 m (-4.9 ft)	kg	*12120	11360	9660	6110	6220	4130			*4660	3200	7.33
	lb	*26720	25040	21300	13470	13710	9110			*10270	7050	(24.1)
-3.0 m (-9.8 ft)	kg			9770	6200							
	lb			21540	13670							

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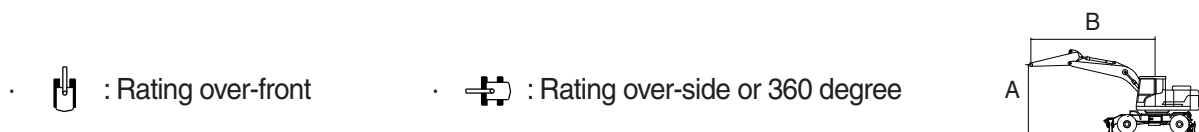
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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HW210A	2-PIECE BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5400	2700	4100	-	310	-	Down	Down	-



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									*5310 *11710	*5310 *11710	3.87 (12.7)
7.5 m (24.6 ft)	kg lb									*4030 *8880	*4030 *8880	5.87 (19.3)
6.0 m (19.7 ft)	kg lb			*4450 *9810	*4450 *9810	*4510 *9940	*4510 *9940			*3610 *7960	*3610 *7960	7.02 (23.0)
4.5 m (14.8 ft)	kg lb	*7030 *15500	*7030 *15500	*5540 *12210	*5540 *12210	*4940 *10890	*4940 *10890	*4820 *10630	4310 9500	*3460 *7630	*3460 *7630	7.71 (25.3)
3.0 m (9.8 ft)	kg lb			*7250 *15980	*7250 *15980	*5720 *12610	*5720 *12610	*5100 *11240	4230 9330	*3480 *7670	*3480 *7670	8.05 (26.4)
1.5 m (4.9 ft)	kg lb			*8940 *19710	8630 19030	*6580 *14510	5680 12520	*5530 *12190	4130 9110	*3640 *8020	*3640 *8020	8.11 (26.6)
0.0 m (0.0 ft)	kg lb	*6490 *14310	*6490 *14310	*10010 *22070	8380 18470	*7270 *16030	5530 12190	*5890 *12990	4060 8950	*3990 *8800	3800 8380	7.88 (25.8)
-1.5 m (-4.9 ft)	kg lb	*12120 *26720	*12120 *26720	*10360 *22840	8330 18360	*7590 *16730	5480 12080			*4660 *10270	4200 9260	7.33 (24.1)
-3.0 m (-9.8 ft)	kg lb			*9890 *21800	8430 18580							

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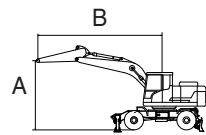
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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HW210A	2-PIECE BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5400	2700	4100	-	310	-	Up	Up	-

·  : 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)
9.0 m (29.5 ft)	kg lb									*5310 *11710	*5310 *11710	3.87 (12.7)
7.5 m (24.6 ft)	kg lb									*4030 *8880	*4030 *8880	5.87 (19.3)
6.0 m (19.7 ft)	kg lb			*4450 *9810	*4450 *9810	*4510 *9940	*4510 *9940			*3610 *7960	*3610 *7960	7.02 (23.0)
4.5 m (14.8 ft)	kg lb	*7030 *15500	*7030 *15500	*5540 *12210	*5540 *12210	*4940 *10890	4680 10320	4810 10600	3280 7230	*3460 *7630	3130 6900	7.71 (25.3)
3.0 m (9.8 ft)	kg lb			*7250 *15980	6740 14860	*5720 *12610	4460 9830	4720 10410	3200 7050	*3480 *7670	2860 6310	8.05 (26.4)
1.5 m (4.9 ft)	kg lb			*8940 *19710	6290 13870	6410 14130	4250 9370	4620 10190	3110 6860	*3640 *8020	2770 6110	8.11 (26.6)
0.0 m (0.0 ft)	kg lb	*6490 *14310	*6490 *14310	9690 21360	6060 13360	6250 13780	4110 9060	4550 10030	3040 6700	*3990 *8800	2850 6280	7.88 (25.8)
-1.5 m (-4.9 ft)	kg lb	*12120 *26720	11190 24670	9630 21230	6010 13250	6200 13670	4060 8950			*4660 *10270	3150 6940	7.33 (24.1)
-3.0 m (-9.8 ft)	kg lb			9740 21470	6110 13470							

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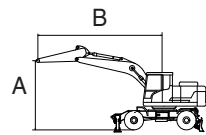
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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HW210A	2-PIECE BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5400	2700	4100	-	310	-	-	Down	Down

·  : 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)
9.0 m (29.5 ft)	kg lb									*5310 *11710	*5310 *11710	3.87 (12.7)
7.5 m (24.6 ft)	kg lb									*4030 *8880	*4030 *8880	5.87 (19.3)
6.0 m (19.7 ft)	kg lb			*4450 *9810	*4450 *9810	*4510 *9940	*4510 *9940			*3610 *7960	*3610 *7960	7.02 (23.0)
4.5 m (14.8 ft)	kg lb	*7030 *15500	*7030 *15500	*5540 *12210	*5540 *12210	*4940 *10890	*4940 *10890	*4820 *10630	*4820 *10630	*3460 *7630	*3460 *7630	7.71 (25.3)
3.0 m (9.8 ft)	kg lb			*7250 *15980	*7250 *15980	*5720 *12610	*5720 *12610	*5100 *11240	4960 10930	*3480 *7670	*3480 *7670	8.05 (26.4)
1.5 m (4.9 ft)	kg lb			*8940 *19710	*8940 *19710	*6580 *14510	*6580 *14510	*5530 *12190	4860 10710	*3640 *8020	*3640 *8020	8.11 (26.6)
0.0 m (0.0 ft)	kg lb	*6490 *14310	*6490 *14310	*10010 *22070	*10010 *22070	*7270 *16030	6580 14510	*5890 *12990	4790 10560	*3990 *8800	*3990 *8800	7.88 (25.8)
-1.5 m (-4.9 ft)	kg lb	*12120 *26720	*12120 *26720	*10360 *22840	10130 22330	*7590 *16730	6530 14400			*4660 *10270	*4660 *10270	7.33 (24.1)
-3.0 m (-9.8 ft)	kg lb			*9890 *21800	*9890 *21800							

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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HW210A	2-PIECE BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5400	2920	4100	-	310	-	-	Up	Up



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									*5310 *11710	*5310 *11710	3.87 (12.7)
7.5 m (24.6 ft)	kg lb									*4030 *8880	*4030 *8880	5.87 (19.3)
6.0 m (19.7 ft)	kg lb			*4450 *9810	*4450 *9810	*4510 *9940	*4510 *9940			*3610 *7960	*3610 *7960	7.02 (23.0)
4.5 m (14.8 ft)	kg lb	*7030 *15500	*7030 *15500	*5540 *12210	*5540 *12210	*4940 *10890	4670 10300	4810 10600	3280 7230	*3460 *7630	3120 6880	7.71 (25.3)
3.0 m (9.8 ft)	kg lb			*7250 *15980	6730 14840	*5720 *12610	4460 9830	4720 10410	3200 7050	*3480 *7670	2850 6280	8.05 (26.4)
1.5 m (4.9 ft)	kg lb			*8940 *19710	6280 13850	6410 14130	4240 9350	4620 10190	3100 6830	*3640 *8020	2770 6110	8.11 (26.6)
0.0 m (0.0 ft)	kg lb	*6490 *14310	*6490 *14310	9690 21360	6050 13340	6250 13780	4100 9040	4550 10030	3040 6700	*3990 *8800	2850 6280	7.88 (25.8)
-1.5 m (-4.9 ft)	kg lb	*12120 *26720	11170 24630	9630 21230	6000 13230	6200 13670	4050 8930			*4660 *10270	3140 6920	7.33 (24.1)
-3.0 m (-9.8 ft)	kg lb			9740 21470	6100 13450							

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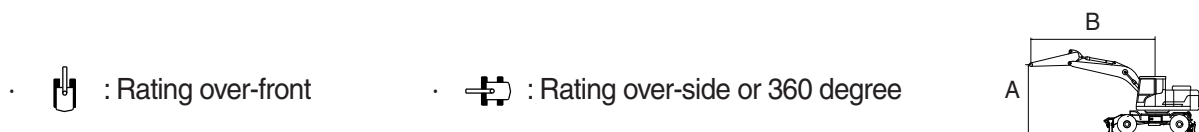
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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HW210A	2-PIECE BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5400	2920	4100	-	310	Down	-	-	Down



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									*4500 *9920	*4500 *9920	4.31 (14.2)
7.5 m (24.6 ft)	kg lb					*4450 *9810	*4450 *9810			*3510 *7740	*3510 *7740	6.17 (20.3)
6.0 m (19.7 ft)	kg lb					*4230 *9330	*4230 *9330			*3160 *6970	*3160 *6970	7.27 (23.9)
4.5 m (14.8 ft)	kg lb			*5190 *11440	*5190 *11440	*4680 *10320	*4680 *10320	*4560 *10050	4500 9920	*3030 *6680	*3030 *6680	7.93 (26.0)
3.0 m (9.8 ft)	kg lb			*6890 *15190	*6890 *15190	*5480 *12080	*5480 *12080	*4890 *10780	4400 9700	*3040 *6700	*3040 *6700	8.27 (27.1)
1.5 m (4.9 ft)	kg lb			*8620 *19000	*8620 *19000	*6370 *14040	5930 13070	*5350 *11790	4290 9460	*3180 *7010	*3180 *7010	8.33 (27.3)
0.0 m (0.0 ft)	kg lb	*6800 *14990	*6800 *14990	*9780 *21560	8770 19330	*7100 *15650	5750 12680	*5750 *12680	4200 9260	*3470 *7650	*3470 *7650	8.10 (26.6)
-1.5 m (-4.9 ft)	kg lb	*11610 *25600	*11610 *25600	*10240 *22580	8690 19160	*7480 *16490	5690 12540	*5030 *11090	4200 9260	*4010 *8840	*4010 *8840	7.57 (24.8)
-3.0 m (-9.8 ft)	kg lb			*9920 *21870	8780 19360	*7230 *15940	5750 12680					

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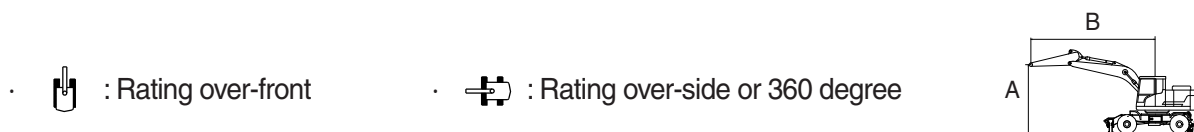
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The difference between the weight of a work tool attachment must be subtracted.

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▲ Failure to comply to the rated load can cause 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	
HW210A	2-PIECE BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5400	2920	4100	-	310	Up	-	-	Up



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									*4500 *9920	*4500 *9920	4.31 (14.2)
7.5 m (24.6 ft)	kg lb					*4450 *9810	*4450 *9810			*3510 *7740	*3510 *7740	6.17 (20.3)
6.0 m (19.7 ft)	kg lb					*4230 *9330	*4230 *9330			*3160 *6970	*3160 *6970	7.27 (23.9)
4.5 m (14.8 ft)	kg lb			*5190 *11440	*5190 *11440	*4680 *10320	*4680 *10320	*4560 *10050	3310 7300	*3030 *6680	2990 6590	7.93 (26.0)
3.0 m (9.8 ft)	kg lb			*6890 *15190	6830 15060	*5480 *12080	4500 9920	4700 10360	3220 7100	*3040 *6700	2740 6040	8.27 (27.1)
1.5 m (4.9 ft)	kg lb			*8620 *19000	6350 14000	*6370 *14040	4270 9410	4590 10120	3110 6860	*3180 *7010	2660 5860	8.33 (27.3)
0.0 m (0.0 ft)	kg lb	*6800 *14990	*6800 *14990	9650 21270	6080 13400	6210 13690	4110 9060	4500 9920	3030 6680	*3470 *7650	2730 6020	8.10 (26.6)
-1.5 m (-4.9 ft)	kg lb	*11610 *25600	11170 24630	9560 21080	6010 13250	6140 13540	4050 8930	4500 9920	3030 6680	*4010 *8840	3000 6610	7.57 (24.8)
-3.0 m (-9.8 ft)	kg lb			9650 21270	6080 13400	6210 13690	4110 9060					

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.

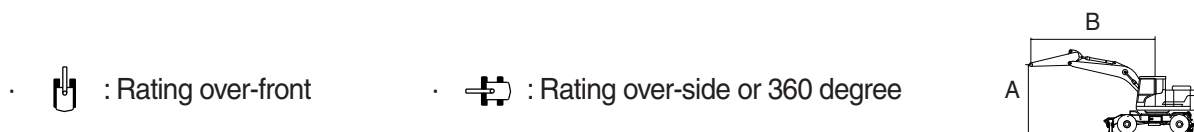
Lifting capacities will vary with different work tools, ground conditions and attachments.











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	
HW210A	2-PIECE BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5400	2920	4100	-	310	-	Down	Down	-



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									*4500 *9920	*4500 *9920	4.31 (14.2)
7.5 m (24.6 ft)	kg lb					*4450 *9810	*4450 *9810			*3510 *7740	*3510 *7740	6.17 (20.3)
6.0 m (19.7 ft)	kg lb					*4230 *9330	*4230 *9330			*3160 *6970	*3160 *6970	7.27 (23.9)
4.5 m (14.8 ft)	kg lb			*5190 *11440	*5190 *11440	*4680 *10320	*4680 *10320	*4560 *10050	4290 9460	*3030 *6680	*3030 *6680	7.93 (26.0)
3.0 m (9.8 ft)	kg lb			*6890 *15190	*6890 *15190	*5480 *12080	*5480 *12080	*4890 *10780	4190 9240	*3040 *6700	*3040 *6700	8.27 (27.1)
1.5 m (4.9 ft)	kg lb			*8620 *19000	8600 18960	*6370 *14040	5640 12430	*5350 *11790	4080 8990	*3180 *7010	*3180 *7010	8.33 (27.3)
0.0 m (0.0 ft)	kg lb	*6800 *14990	*6800 *14990	*9780 *21560	8300 18300	*7100 *15650	5470 12060	*5750 *12680	4000 8820	*3470 *7650	*3470 *7650	8.10 (26.6)
-1.5 m (-4.9 ft)	kg lb	*11610 *25600	*11610 *25600	*10240 *22580	8220 18120	*7480 *16490	5400 11900	*5030 *11090	4000 8820	*4010 *8840	3950 8710	7.57 (24.8)
-3.0 m (-9.8 ft)	kg lb			*9920 *21870	8310 18320	*7230 *15940	5470 12060					

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.

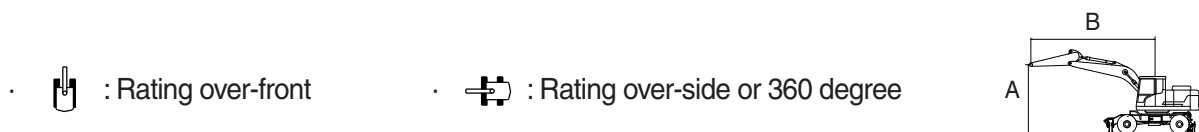
Lifting capacities will vary with different work tools, ground conditions and attachments.











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	
HW210A	2-PIECE BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5400	2920	4100	-	310	-	Up	Up	-



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									*4500 *9920	*4500 *9920	4.31 (14.2)
7.5 m (24.6 ft)	kg lb					*4450 *9810	*4450 *9810			*3510 *7740	*3510 *7740	6.17 (20.3)
6.0 m (19.7 ft)	kg lb					*4230 *9330	*4230 *9330			*3160 *6970	*3160 *6970	7.27 (23.9)
4.5 m (14.8 ft)	kg lb			*5190 *11440	*5190 *11440	*4680 *10320	4670 10300	*4560 *10050	3260 7190	*3030 *6680	2940 6480	7.93 (26.0)
3.0 m (9.8 ft)	kg lb			*6890 *15190	6740 14860	*5480 *12080	4440 9790	4690 10340	3170 6990	*3040 *6700	2700 5950	8.27 (27.1)
1.5 m (4.9 ft)	kg lb			*8620 *19000	6260 13800	*6370 *14040	4210 9280	4570 10080	3060 6750	*3180 *7010	2620 5780	8.33 (27.3)
0.0 m (0.0 ft)	kg lb	*6800 *14990	*6800 *14990	9620 21210	5990 13210	6190 13650	4040 8910	4490 9900	2980 6570	*3470 *7650	2690 5930	8.10 (26.6)
-1.5 m (-4.9 ft)	kg lb	*11610 *25600	11010 24270	9530 21010	5910 13030	6120 13490	3980 8770	4490 9900	2980 6570	*4010 *8840	2950 6500	7.57 (24.8)
-3.0 m (-9.8 ft)	kg lb			9620 21210	5990 13210	6190 13650	4040 8910					

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.

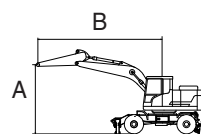
Consult with your local HD Hyundai Construction Equipment dealer regarding the lifting capacities for specific work tools and attachments.











▲ 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	
HW210A	2-PIECE BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5400	2920	4100	-	310	-	-	Down	Down

·  : 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)
9.0 m (29.5 ft)	kg lb									*4500 *9920	*4500 *9920	4.31 (14.2)
7.5 m (24.6 ft)	kg lb					*4450 *9810	*4450 *9810			*3510 *7740	*3510 *7740	6.17 (20.3)
6.0 m (19.7 ft)	kg lb					*4230 *9330	*4230 *9330			*3160 *6970	*3160 *6970	7.27 (23.9)
4.5 m (14.8 ft)	kg lb			*5190 *11440	*5190 *11440	*4680 *10320	*4680 *10320	*4560 *10050	*4560 *10050	*3030 *6680	*3030 *6680	7.93 (26.0)
3.0 m (9.8 ft)	kg lb			*6890 *15190	*6890 *15190	*5480 *12080	*5480 *12080	*4890 *10780	*4890 *10780	*3040 *6700	*3040 *6700	8.27 (27.1)
1.5 m (4.9 ft)	kg lb			*8620 *19000	*8620 *19000	*6370 *14040	*6370 *14040	*5350 *11790	4810 10600	*3180 *7010	*3180 *7010	8.33 (27.3)
0.0 m (0.0 ft)	kg lb	*6800 *14990	*6800 *14990	*9780 *21560	*9780 *21560	*7100 *15650	6520 14370	*5750 *12680	4730 10430	*3470 *7650	*3470 *7650	8.10 (26.6)
-1.5 m (-4.9 ft)	kg lb	*11610 *25600	*11610 *25600	*10240 *22580	10030 22110	*7480 *16490	6450 14220	*5030 *11090	4730 10430	*4010 *8840	*4010 *8840	7.57 (24.8)
-3.0 m (-9.8 ft)	kg lb			*9920 *21870	*9920 *21870	*7230 *15940	6520 14370					

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.

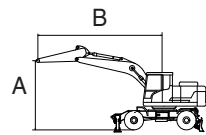
Consult with your local HD Hyundai Construction Equipment dealer regarding the lifting capacities for specific work tools and attachments.











▲ 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	
HW210A	2-PIECE BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5400	2920	4100	-	310	-	-	Up	Up

·  : 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)
9.0 m (29.5 ft)	kg lb									*4500 *9920	*4500 *9920	4.31 (14.2)
7.5 m (24.6 ft)	kg lb					*4450 *9810	*4450 *9810			*3510 *7740	*3510 *7740	6.17 (20.3)
6.0 m (19.7 ft)	kg lb					*4230 *9330	*4230 *9330			*3160 *6970	*3160 *6970	7.27 (23.9)
4.5 m (14.8 ft)	kg lb			*5190 *11440	*5190 *11440	*4680 *10320	4660 10270	*4560 *10050	3250 7170	*3030 *6680	2940 6480	7.93 (26.0)
3.0 m (9.8 ft)	kg lb			*6890 *15190	6730 14840	*5480 *12080	4430 9770	4690 10340	3160 6970	*3040 *6700	2690 5930	8.27 (27.1)
1.5 m (4.9 ft)	kg lb			*8620 *19000	6250 13780	*6370 *14040	4200 9260	4570 10080	3050 6720	*3180 *7010	2610 5750	8.33 (27.3)
0.0 m (0.0 ft)	kg lb	*6800 *14990	*6800 *14990	9620 21210	5980 13180	6190 13650	4040 8910	4490 9900	2980 6570	*3470 *7650	2680 5910	8.10 (26.6)
-1.5 m (-4.9 ft)	kg lb	*11610 *25600	10990 24230	9530 21010	5900 13010	6120 13490	3980 8770	4490 9900	2980 6570	*4010 *8840	2940 6480	7.57 (24.8)
-3.0 m (-9.8 ft)	kg lb			9620 21210	5980 13180	6190 13650	4040 8910					

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.

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

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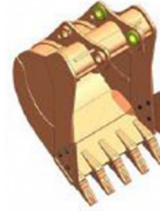
## 6. BUCKET SELECTION GUIDE

### 1) FRONT DOZER UP, REAR OUTRIGGER UP

(counterweight : mono boom-3400 kg, 2-piece boom-4100 kg)



General bucket



Heavy duty

Type	Capacity		Width	Weight	Tooth	MONO			2-PIECE		
	SAE Heaped	CECE heaped	Without side cutter			Recommendation					
						5.65 m (18' 6") Boom			5.40 m (17' 9") Boom		
						mm (ft-in)					
m³ (yd³)	m³ (yd³)	mm (in)	kg (lb)	EA	2.4 m (7' 10') Arm	2.7 m (8' 10') Arm	2.92 m (9' 7") Arm	2.4 m (7' 10') Arm	2.7 m (8' 10') Arm	2.92 m (9' 7") Arm	
General bucket	0.80 (1.05)	0.70 (0.92)	1070 (42.1")	770 (1700)	5	●	●	◐	●	●	●
	0.86 (1.12)	0.75 (0.98)	1140 (44.9")	740 (1630)	5	◐	◐	■	●	●	●
	0.92 (1.20)	0.80 (1.05)	1190 (46.9")	820 (1810)	5	◐	◐	■	●	●	◐
	1.20 (1.57)	1.05 (1.37)	1390 (54.7")	920 (2030)	5	▲	▲	▲	■	■	▲
	1.34 (1.75)	1.17 (1.53)	1525 (60.0")	990 (2180)	6	▲	X	X	■	▲	▲
Heavy duty	0.85 (1.11)	0.76 (0.99)	960 (37.8")	860 (1900)	4	◐	◐	■	●	●	●
	1.00 (1.31)	0.89 (1.16)	1110 (43.7")	950 (2090)	5	■	■	▲	◐	◐	■
	1.15 (1.50)	1.01 (1.32)	1260 (49.6")	1030 (2270)	6	▲	▲	▲	■	■	▲

●	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.



## 2) FRONT DOZER DOWN, REAR OUTRIGGER DOWN

(counterweight : mono boom-3400 kg, 2-piece boom-4100 kg)



General bucket



Heavy duty

Type	Capacity		Width	Weight	Tooth	MONO			2-PIECE		
	SAE Heaped	CECE heaped	Without side cutter			Recommendation					
						5.65 m (18' 6") Boom			5.40 m (17' 9") Boom		
						mm (ft-in)	mm (ft-in)	mm (ft-in)	mm (ft-in)	mm (ft-in)	mm (ft-in)
m³ (yd³)	m³ (yd³)	mm (in)	kg (lb)	EA	2.4 m (7' 10') Arm	2.7 m (8' 10') Arm	2.92 m (9' 7") Arm	2.4 m (7' 10') Arm	2.7 m (8' 10') Arm	2.92 m (9' 7") Arm	
General bucket	0.80 (1.05)	0.70 (0.92)	1070 (42.1")	770 (1700)	5	●	●	●	●	●	●
	0.86 (1.12)	0.75 (0.98)	1140 (44.9")	740 (1630)	5	●	●	●	●	●	●
	0.92 (1.20)	0.80 (1.05)	1190 (46.9")	820 (1810)	5	●	●	●	●	●	●
	1.20 (1.57)	1.05 (1.37)	1390 (54.7")	920 (2030)	5	●	◐	◐	●	●	●
	1.34 (1.75)	1.17 (1.53)	1525 (60.0")	990 (2180)	6	◐	◐	●	●	●	◐
Heavy duty	0.85 (1.11)	0.76 (0.99)	960 (37.8")	860 (1900)	4	●	●	●	●	●	●
	1.00 (1.31)	0.89 (1.16)	1110 (43.7")	950 (2090)	5	●	●	●	●	●	●
	1.15 (1.50)	1.01 (1.32)	1260 (49.6")	1030 (2270)	6	●	◐	◐	●	●	●

●	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.

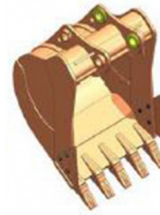
Select an optimum combination according to the working conditions and the type of work that is being done.

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

**3) FRONT OUTRIGGER UP, REAR OUTRIGGER UP**  
(counterweight : mono boom-3400 kg, 2-piece boom-4100 kg)



General bucket



Heavy duty

Type	Capacity		Width	Weight	Tooth	MONO			2-PIECE		
	SAE Heaped	CECE heaped	Without side cutter			Recommendation					
						5.65 m (18' 6") Boom			5.40 m (17' 9") Boom		
						mm (ft-in)	mm (ft-in)	mm (ft-in)	mm (ft-in)	mm (ft-in)	mm (ft-in)
m³ (yd³)	m³ (yd³)	mm (in)	kg (lb)	EA	2.4 m (7' 10') Arm	2.7 m (8' 10') Arm	2.92 m (9' 7") Arm	2.4 m (7' 10') Arm	2.7 m (8' 10') Arm	2.92 m (9' 7") Arm	
General bucket	0.80 (1.05)	0.70 (0.92)	1070 (42.1")	770 (1700)	5	●	◐	◐	●	●	●
	0.86 (1.12)	0.75 (0.98)	1140 (44.9")	740 (1630)	5	◐	◐	■	●	●	◐
	0.92 (1.20)	0.80 (1.05)	1190 (46.9")	820 (1810)	5	◐	■	■	●	●	◐
	1.20 (1.57)	1.05 (1.37)	1390 (54.7")	920 (2030)	5	▲	▲	X	■	■	▲
	1.34 (1.75)	1.17 (1.53)	1525 (60.0")	990 (2180)	6	▲	X	X	▲	▲	▲
Heavy duty	0.85 (1.11)	0.76 (0.99)	960 (37.8")	860 (1900)	4	◐	◐	■	●	●	◐
	1.00 (1.31)	0.89 (1.16)	1110 (43.7")	950 (2090)	5	■	■	▲	◐	◐	■
	1.15 (1.50)	1.01 (1.32)	1260 (49.6")	1030 (2270)	6	▲	▲	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.

**4) FRONT OUTRIGGER DOWN, REAR OUTRIGGER DOWN**  
(counterweight : mono boom-3400 kg, 2-piece boom-4100 kg)



General bucket



Heavy duty

Type	Capacity		Width	Weight	Tooth	MONO			2-PIECE		
	SAE Heaped	CECE heaped	Without side cutter			Recommendation			mm (ft-in)		
				5.65 m (18' 6") Boom			5.40 m (17' 9") Boom				
				m³ (yd³)	m³ (yd³)	mm (in)	kg (lb)	EA	2.4 m (7' 10') Arm	2.7 m (8' 10') Arm	2.92 m (9' 7") Arm
General bucket	0.80 (1.05)	0.70 (0.92)	1070 (42.1")	770 (1700)	5	●	●	●	●	●	●
	0.86 (1.12)	0.75 (0.98)	1140 (44.9")	740 (1630)	5	●	●	●	●	●	●
	0.92 (1.20)	0.80 (1.05)	1190 (46.9")	820 (1810)	5	●	●	●	●	●	●
	1.20 (1.57)	1.05 (1.37)	1390 (54.7")	920 (2030)	5	●	●	●	●	●	●
	1.34 (1.75)	1.17 (1.53)	1525 (60.0")	990 (2180)	6	●	◐	◐	●	●	●
Heavy duty	0.85 (1.11)	0.76 (0.99)	960 (37.8")	860 (1900)	4	●	●	●	●	●	●
	1.00 (1.31)	0.89 (1.16)	1110 (43.7")	950 (2090)	5	●	●	●	●	●	●
	1.15 (1.50)	1.01 (1.32)	1260 (49.6")	1030 (2270)	6	●	●	●	●	●	●

●	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.

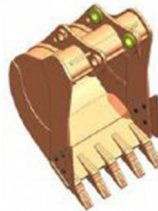
Consult your HD Hyundai Construction Equipment dealer for information on selecting the correct boom–arm–bucket combination.

## 5) FRONT DOZER UP, REAR DOZER UP

(counterweight : mono boom-3400 kg, 2-piece boom-4100 kg)



General bucket



Heavy duty

Type	Capacity		Width	Weight	Tooth	MONO			2-PIECE		
	SAE Heaped	CECE heaped	Without side cutter			Recommendation					
						5.65 m (18' 6") Boom			5.40 m (17' 9") Boom		
						mm (ft-in)	mm (ft-in)	mm (ft-in)	mm (ft-in)	mm (ft-in)	mm (ft-in)
m³ (yd³)	m³ (yd³)	mm (in)	kg (lb)	EA	2.4 m (7' 10') Arm	2.7 m (8' 10') Arm	2.92 m (9' 7") Arm	2.4 m (7' 10') Arm	2.7 m (8' 10') Arm	2.92 m (9' 7") Arm	
General bucket	0.80 (1.05)	0.70 (0.92)	1070 (42.1")	770 (1700)	5	●	●	◐	●	●	●
	0.86 (1.12)	0.75 (0.98)	1140 (44.9")	740 (1630)	5	◐	◐	■	●	●	●
	0.92 (1.20)	0.80 (1.05)	1190 (46.9")	820 (1810)	5	◐	■	■	●	●	◐
	1.20 (1.57)	1.05 (1.37)	1390 (54.7")	920 (2030)	5	▲	▲	▲	■	■	▲
	1.34 (1.75)	1.17 (1.53)	1525 (60.0")	990 (2180)	6	▲	X	X	■	▲	▲
Heavy duty	0.85 (1.11)	0.76 (0.99)	960 (37.8")	860 (1900)	4	◐	◐	■	●	●	●
	1.00 (1.31)	0.89 (1.16)	1110 (43.7")	950 (2090)	5	■	■	▲	◐	◐	■
	1.15 (1.50)	1.01 (1.32)	1260 (49.6")	1030 (2270)	6	▲	▲	▲	■	■	▲

●	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.

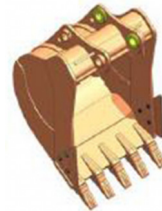
Consult your HD Hyundai Construction Equipment dealer for information on selecting the correct boom–arm–bucket combination.

## 6) FRONT DOZER DOWN, REAR DOZER DOWN

(counterweight : mono boom-3400 kg, 2-piece boom-4100 kg)



General bucket



Heavy duty

Type	Capacity		Width	Weight	Tooth	MONO			2-PIECE		
	SAE Heaped	CECE heaped	Without side cutter			Recommendation					
						5.65 m (18' 6") Boom			5.40 m (17' 9") Boom		
						mm (ft-in)	mm (ft-in)	mm (ft-in)	mm (ft-in)	mm (ft-in)	mm (ft-in)
m³ (yd³)	m³ (yd³)	mm (in)	kg (lb)	EA	2.4 m (7' 10') Arm	2.7 m (8' 10') Arm	2.92 m (9' 7") Arm	2.4 m (7' 10') Arm	2.7 m (8' 10') Arm	2.92 m (9' 7") Arm	
General bucket	0.80 (1.05)	0.70 (0.92)	1070 (42.1")	770 (1700)	5	●	●	●	●	●	●
	0.86 (1.12)	0.75 (0.98)	1140 (44.9")	740 (1630)	5	●	●	●	●	●	●
	0.92 (1.20)	0.80 (1.05)	1190 (46.9")	820 (1810)	5	●	●	◐	●	●	●
	1.20 (1.57)	1.05 (1.37)	1390 (54.7")	920 (2030)	5	■	■	▲	◐	◐	■
	1.34 (1.75)	1.17 (1.53)	1525 (60.0")	990 (2180)	6	▲	▲	▲	■	■	■
Heavy duty	0.85 (1.11)	0.76 (0.99)	960 (37.8")	860 (1900)	4	●	●	◐	●	●	●
	1.00 (1.31)	0.89 (1.16)	1110 (43.7")	950 (2090)	5	◐	◐	■	●	●	◐
	1.15 (1.50)	1.01 (1.32)	1260 (49.6")	1030 (2270)	6	■	■	▲	◐	◐	■

●	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

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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) REAR DOZER UP

(counterweight : mono boom-3400 kg, 2-piece boom-4100 kg)



General bucket



Heavy duty

Type	Capacity		Width	Weight	Tooth	MONO			2-PIECE		
	SAE Heaped	CECE heaped	Without side cutter			Recommendation					
						5.65 m (18' 6") Boom			5.40 m (17' 9") Boom		
						mm (ft-in)	mm (ft-in)	mm (ft-in)	mm (ft-in)	mm (ft-in)	mm (ft-in)
m³ (yd³)	m³ (yd³)	mm (in)	kg (lb)	EA	2.4 m (7' 10') Arm	2.7 m (8' 10') Arm	2.92 m (9' 7") Arm	2.4 m (7' 10') Arm	2.7 m (8' 10') Arm	2.92 m (9' 7") Arm	
General bucket	0.80 (1.05)	0.70 (0.92)	1070 (42.1")	770 (1700)	5	●	◐	◐	●	●	●
	0.86 (1.12)	0.75 (0.98)	1140 (44.9")	740 (1630)	5	●	■	■	●	●	◐
	0.92 (1.20)	0.80 (1.05)	1190 (46.9")	820 (1810)	5	■	■	■	●	◐	◐
	1.20 (1.57)	1.05 (1.37)	1390 (54.7")	920 (2030)	5	▲	▲	X	■	■	▲
	1.34 (1.75)	1.17 (1.53)	1525 (60.0")	990 (2180)	6	X	X	X	▲	▲	▲
Heavy duty	0.85 (1.11)	0.76 (0.99)	960 (37.8")	860 (1900)	4	◐	■	■	●	●	◐
	1.00 (1.31)	0.89 (1.16)	1110 (43.7")	950 (2090)	5	■	▲	▲	◐	◐	■
	1.15 (1.50)	1.01 (1.32)	1260 (49.6")	1030 (2270)	6	▲	▲	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

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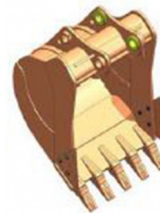
Consult your HD Hyundai Construction Equipment dealer for information on selecting the correct boom–arm–bucket combination.

## 8) REAR DOZER DOWN

(counterweight : mono boom-3400 kg, 2-piece boom-4100 kg)



General bucket



Heavy duty

Type	Capacity		Width	Weight	Tooth	MONO			2-PIECE		
	SAE Heaped	CECE heaped	Without side cutter			Recommendation					
						5.65 m (18' 6") Boom			5.40 m (17' 9") Boom		
						mm (ft-in)	mm (ft-in)	mm (ft-in)	mm (ft-in)	mm (ft-in)	mm (ft-in)
m³ (yd³)	m³ (yd³)	mm (in)	kg (lb)	EA	2.4 m (7' 10") Arm	2.7 m (8' 10") Arm	2.92 m (9' 7") Arm	2.4 m (7' 10") Arm	2.7 m (8' 10") Arm	2.92 m (9' 7") Arm	
General bucket	0.80 (1.05)	0.70 (0.92)	1070 (42.1")	770 (1700)	5	●	◐	◐	●	●	●
	0.86 (1.12)	0.75 (0.98)	1140 (44.9")	740 (1630)	5	●	◐	◐	●	●	●
	0.92 (1.20)	0.80 (1.05)	1190 (46.9")	820 (1810)	5	◐	■	■	●	●	◐
	1.20 (1.57)	1.05 (1.37)	1390 (54.7")	920 (2030)	5	▲	▲	▲	■	■	■
	1.34 (1.75)	1.17 (1.53)	1525 (60.0")	990 (2180)	6	▲	X	X	■	▲	▲
Heavy duty	0.85 (1.11)	0.76 (0.99)	960 (37.8")	860 (1900)	4	●	◐	◐	●	●	●
	1.00 (1.31)	0.89 (1.16)	1110 (43.7")	950 (2090)	5	■	■	▲	●	◐	◐
	1.15 (1.50)	1.01 (1.32)	1260 (49.6")	1030 (2270)	6	▲	▲	▲	■	■	■

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▲	Applicable for materials with density of 1200 kg/m <sup>3</sup> (2000 lb/yd <sup>3</sup> ) or less
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## 7. 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 1300 rpm
Engine oil quantity	24.4 ℓ (6.4 U.S. gal)
Wet weight or Dry weight	583 kg (1285 lb)
Starter motor	24 V-4.8 kW
Alternator	24 V-95 A
Battery	2 × 12 × 100 Ah

### 2) MAIN PUMP

Item	Specification
Type	Variable displacement piston pump
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 × 208 ℓ /min (55.0 U.S. gpm / 45.8 U.K. gpm)
Rated speed	1600 rpm

[ ]: Power boost

### 3) GEAR PUMP

Item	Specification
Type	Fixed displacement gear pump single stage
Capacity	10cc/rev
Maximum pressure	40 kgf/cm <sup>2</sup> (570 psi)
Rated oil flow	16 ℓ /min (4.2 U.S. gpm/3.5 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 <sup>2</sup> (4980 psi) [380 kgf/cm <sup>2</sup> (5400 psi)]
Overload relief valve pressure	400 kgf/cm <sup>2</sup> (5690 psi)
Overload relief valve pressure (dozer & outrigger only)	280 kgf/cm <sup>2</sup> (3980 psi)

[ ]: Power boost

### 5) SWING MOTOR

Item	Specification
Type	Aixal piston motor with reduction gear (piston type)
Capacity	142.8 cc/rev
Relief pressure	265 kgf/cm <sup>2</sup> (3769 psi)
Braking system	Automatic, spring applied hydraulic released
Braking torque	Above 76.8 kgf · m (555.5 lbf · ft)
Brake release pressure	21.2~35.7 kgf/cm <sup>2</sup> (301~508 psi)
Reduction gear type	-

### 6) TRAVEL MOTOR

Item	Specification
Type	Variable displacement bent-axis axial piston motor
Relief pressure	380 kgf/cm <sup>2</sup> (5400 psi)
Counter balance valve	Applied
Capacity (max/min)	160/61 cc/rev

## 7) POWER TRAIN

Item	Description		Specification
Transmission	Type		2 speed power shift transmission
	Gear ratio	1st	4.87
		2nd	1.20
	Clutch pressure		30~32 kgf /cm <sup>2</sup> (427~455 psi)
Parking brake	Type		Multi disc brake integrated in transmission
	Maximum braking torque		3286 kgf · m (23768 lbf · ft)
Axle	Type		4 wheel drive with differential
	Gear ratio		16.0
	Brake		Multi disc brake
	Brake pressure		81.6 kgf /cm <sup>2</sup> (1160 psi)
	Steering pressure		180 kgf /cm <sup>2</sup> (2560 psi)

## 8) POWER TRAIN GEAR PUMP

Item	Description
Capacity	Steering + brake : 19.4 + 8.2 cc / rev (engine PTO) Steering + brake & rotating : 22.4 + 8.2 cc / rev (engine PTO)
Rated flow	Steering + brake : 31.0 + 13.1 L/min (engine PTO) [8.1 + 3.5 U.S.gpm / 6.8 + 2.8 U.K.gpm] Steering + brake & rotating : 35.8 + 13.1 L/min (engine PTO) [9.5 + 3.5 U.S.gpm / 7.9 + 2.8 U.K.gpm]

## 9) CYLINDER

Item		Specification
Boom cylinder	Bore dia × Rod dia × Stroke	Ø 120 × Ø 85 × 1275 mm
	Cushion	Extend only
Arm cylinder	Bore dia × Rod dia × Stroke	Ø 140 × Ø 100 × 1510 mm
	Cushion	Extend and retract
Bucket cylinder	Bore dia × Rod dia × Stroke	Ø 120 × Ø 85 × 1055 mm
	Cushion	Extend only
Dozer cylinder (front, rear)	Bore dia × Rod dia × Stroke	Ø 125 × Ø 75 × 252 mm
	Cushion	-
Outrigger cylinder	Bore dia × Rod dia × Stroke	Ø 130 × Ø 80 × 436 mm
	Cushion	-
Adjust cylinder	Bore dia × Rod dia × Stroke	Ø 170 × Ø 105 × 720 mm
	Cushion	-
2-piece boom cylinder	Bore dia × Rod dia × Stroke	Ø 120 × Ø 85 × 1080 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.

## 8. 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	24.4 (6.4)	★SAE 0W-40									
			★SAE 5W-30									
Transmission case		2.5 (0.66)	SAE 5W-40									
			SAE 15W-40									
DEF/ AdBlue® tank	Mixture of urea and deionized water	47.5 (12.5)	ISO 22241, High-purity urea + deionized water (32.5:67.5)									
Swing drive	Gear oil	6.2 (1.6)	★SAE 75W-90									
			SAE 80W-90									
Front axle casing	Gear oil	Std : 9.6 (2.54) Wide : 13.5 (3.46)	SAE 85W-90 LSD or UTTO									
Rear axle casing		Std : 11.0 (2.91) Wide : 15.0 (3.96)										
Hub casing		2.5 (0.66)×2										
Hydraulic tank	Hydraulic oil	Tank: 165 (43.6)	★ISO VG 15									
			ISO VG 32									
		System: 340 (89.8)	ISO VG 46, HBHO★ <sup>3</sup>									
			ISO VG 68									
Fuel tank	Diesel fuel★ <sup>1</sup>	310 (81.9)	★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>2</sup>	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)

★<sup>1</sup> : Ultra low sulfur diesel  
- sulfur content ≤ 10 ppm

★<sup>2</sup> : Soft water  
City water or distilled water

★<sup>3</sup> : 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 dealers.