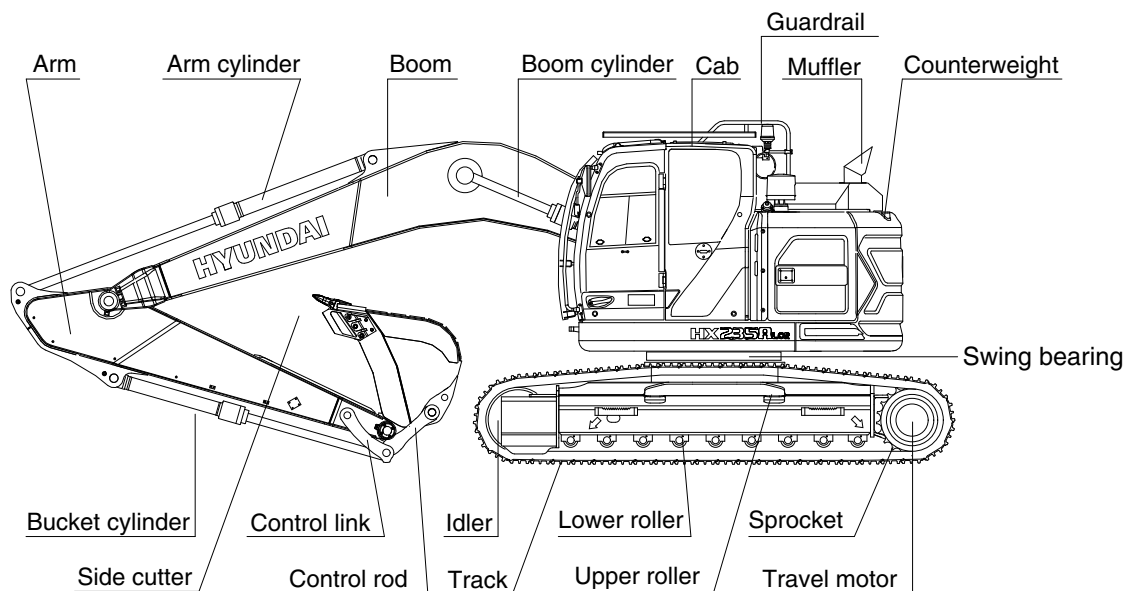
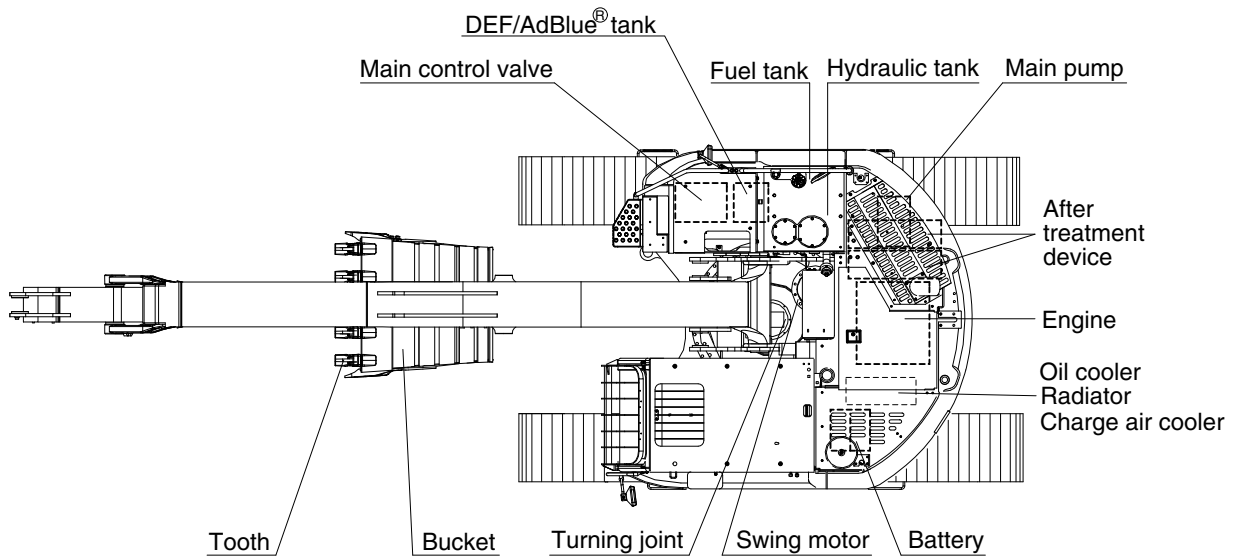


# SPECIFICATIONS

(Machine Serial No. -#0442)

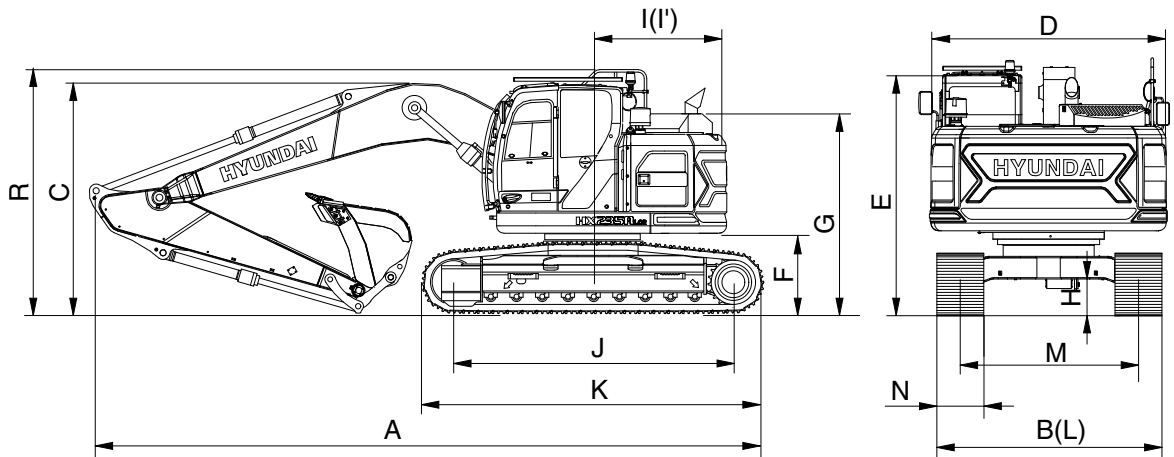
## 1. MAJOR COMPONENT



235A2SP01

## 2. SPECIFICATIONS

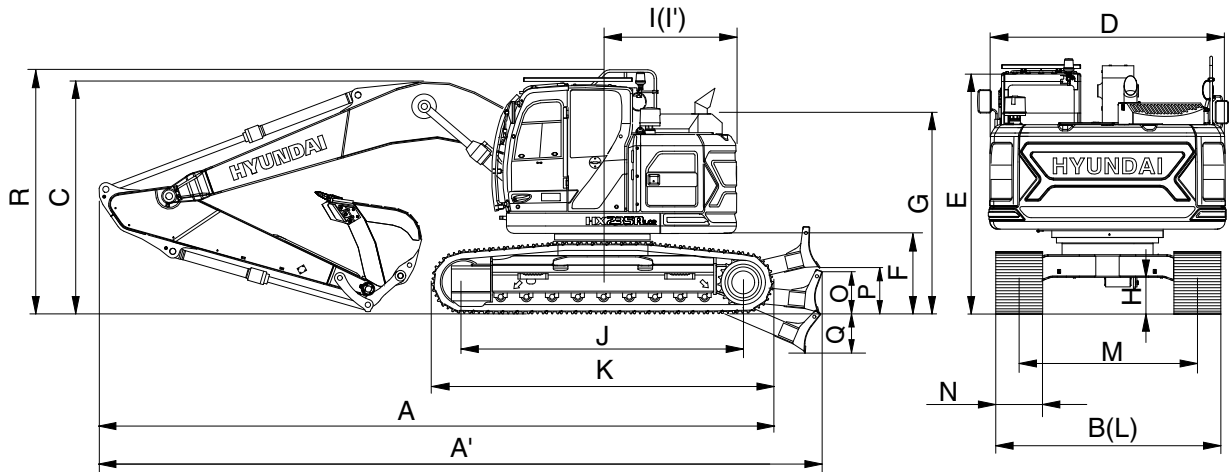
### 1) HX235A LCR, MONO BOOM, WITHOUT DOZER



235A2SP02

Description		Unit		Specification		
		m (ft-in)	Boom	5.68 (18' 8")		
			Arm	2.92 (9' 7")	2.00 (6' 7")	2.40 (7' 10")
		mm (in)	Shoe	600 (24)		
Operating weight		kg (lb)		24480 (53970)	24320 (53620)	24390 (53770)
Bucket capacity (SAE heaped) standard		m³ (yd³)		0.8 (1.04)	0.8 (1.04)	0.8 (1.04)
Overall length	A	mm (ft-in)		8910 (29' 3")	9030 (29' 8")	8940 (29' 4")
Overall width	B			2990 (9' 10")	2990 (9' 10")	2990 (9' 10")
Overall height of boom	C			2960 (9' 9")	3130 (10' 3")	3040 (10' 0")
Superstructure width	D			2980 (9' 9")	2980 (9' 9")	2980 (9' 9")
Overall height of cab	E			3080 (10' 1")	3080 (10' 1")	3080 (10' 1")
Ground clearance of counterweight	F			1060 (3' 6")	1060 (3' 6")	1060 (3' 6")
Overall height of engine hood	G			2680 (8' 10")	2680 (8' 10")	2680 (8' 10")
Overall height of guardrail	R			3270 (10' 9")	3270 (10' 9")	3270 (10' 9")
Minimum ground clearance	H			480 (1' 7")	480 (1' 7")	480 (1' 7")
Rear-end distance	I			1780 (5' 10")	1780 (5' 10")	1780 (5' 10")
Rear-end swing radius	I'			1780 (5' 10")	1780 (5' 10")	1780 (5' 10")
Distance between tumblers	J			3640 (11' 11")	3640 (11' 11")	3640 (11' 11")
Undercarriage length	K			4440 (14' 7")	4440 (14' 7")	4440 (14' 7")
Undercarriage width	L			2990 (9' 10")	2990 (9' 10")	2990 (9' 10")
Track gauge	M			2390 (7' 10")	2390 (7' 10")	2390 (7' 10")
Track shoe width, standard	N			600 (2' 0")	600 (2' 0")	600 (2' 0")
Travel speed (low/high)		km/hr (mph)		3.5/5.5 (2.2/3.4)	3.5/5.5 (2.2/3.4)	3.5/5.5 (2.2/3.4)
Swing speed		rpm		12.69	12.69	12.69
Gradeability		Degree (%)		35 (70)	35 (70)	35 (70)
Ground pressure		kgf/cm² (psi)		0.52 (7.41)	0.52 (7.36)	0.52 (7.38)
Max traction force		kg (lb)		21100 (46517)	21100 (46517)	21100 (46517)

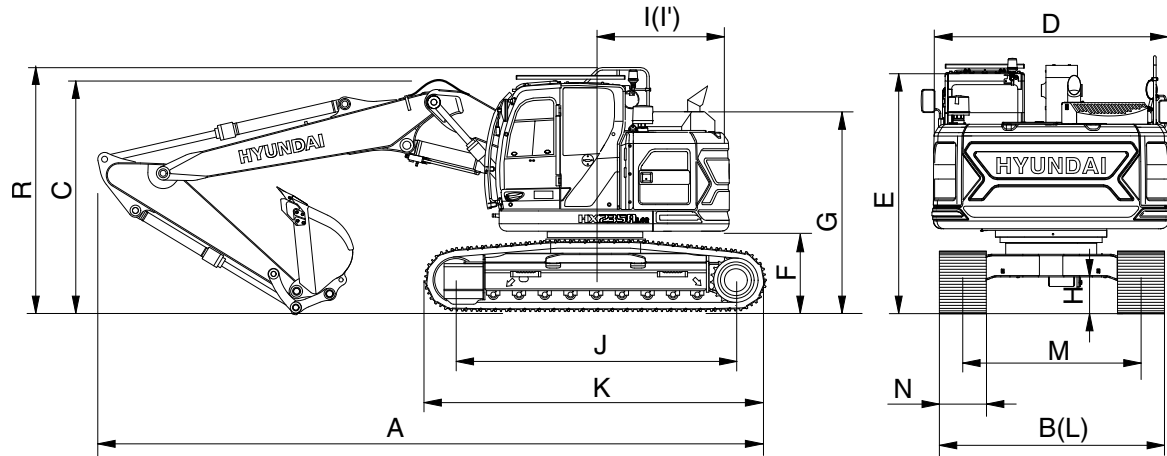
## 2) HX235A LCR, MONO BOOM, WITH DOZER



235A2SP03

Description		Unit		Specification		
		m (ft-in)	Boom	5.68 (18' 8")		
			Arm	2.92 (9' 7")	2.00 (6' 7")	2.40 (7' 10")
		mm (in)	Shoe	600 (24)		
Operating weight		kg (lb)		25950 (57210)	25790 (56860)	25860 (57010)
Bucket capacity (SAE heaped), standard		m³ (yd³)		0.80 (1.04)	0.80 (1.04)	0.80 (1.04)
Overall length	A	mm (ft-in)		9850 (32' 4")	9980 (32' 9")	9890 (32' 5")
Overall width	B			2990 (9' 10")	2990 (9' 10")	2990 (9' 10")
Overall height of boom	C			2960 (9' 9")	3130 (10' 3")	3040 (10' 0")
Superstructure width	D			2980 (9' 9")	2980 (9' 9")	2980 (9' 9")
Overall height of cab	E			3080 (10' 1")	3080 (10' 1")	3080 (10' 1")
Ground clearance of counterweight	F			1060 (3' 6")	1060 (3' 6")	1060 (3' 6")
Overall height of engine hood	G			2680 (8' 10")	2680 (8' 10")	2680 (8' 10")
Overall height of guardrail	R			3270 (10' 9")	3270 (10' 9")	3270 (10' 9")
Minimum ground clearance	H			480 (1' 7")	480 (1' 7")	480 (1' 7")
Rear-end distance	I			1780 (5' 10")	1780 (5' 10")	1780 (5' 10")
Rear-end swing radius	I'			1780 (5' 10")	1780 (5' 10")	1780 (5' 10")
Distance between tumblers	J			3640 (11' 11")	3640 (11' 11")	3640 (11' 11")
Undercarriage length	K			4440 (14' 7")	4440 (14' 7")	4440 (14' 7")
Undercarriage width	L			2990 (9' 10")	2990 (9' 10")	2990 (9' 10")
Track gauge	M			2390 (7' 10")	2390 (7' 10")	2390 (7' 10")
Track shoe width, standard	N			600 (2' 0")	600 (2' 0")	600 (2' 0")
Height of blade	O			739 (2' 5")	739 (2' 5")	739 (2' 5")
Ground clearance of blade up	P			550 (1' 10")	550 (1' 10")	550 (1' 10")
Depth of blade down	Q			413 (1' 4")	413 (1' 4")	413 (1' 4")
Travel speed (low/high)		km/hr (mph)		3.5/5.5 (2.2/3.4)	3.5/5.5 (2.2/3.4)	3.5/5.5 (2.2/3.4)
Swing speed		rpm		12.69	12.69	12.69
Gradeability		Degree (%)		35 (70)	35 (70)	35 (70)
Ground pressure		kgf/cm² (psi)		0.55 (7.86)	0.55 (7.81)	0.55 (7.83)
Max traction force		kg (lb)		21100 (46517)	21100 (46517)	21100 (46517)

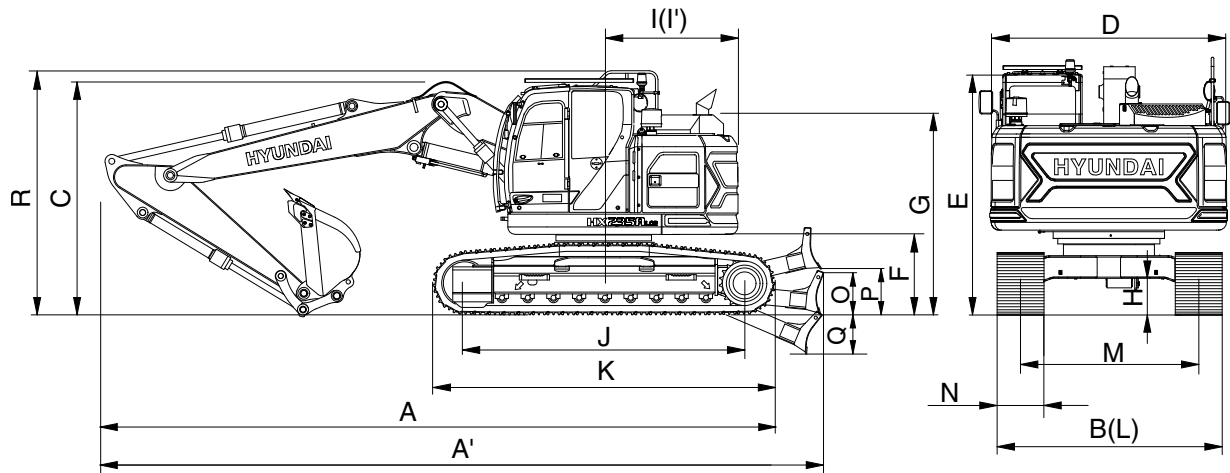
### 3) HX235A LCR, 2 PCS, WITHOUT DOZER



235A2SP04

Description		Unit		Specification		
		m (ft-in)	Boom	5.65 (18' 6")		
			Arm	2.92 (9' 7")	2.00 (6' 7")	2.40 (7' 10")
		mm (in)	Shoe	600 (24)		
Operating weight		kg (lb)		25240 (55640)	25080 (55290)	25140 (55420)
Bucket capacity (SAE heaped), standard		m <sup>3</sup> (yd <sup>3</sup> )		0.80 (1.04)	0.80 (1.04)	0.80 (1.04)
Overall length	A	mm (ft-in)		8900 (29' 2")	8900 (29' 2")	8910 (29' 3")
Overall width	B			2990 (9' 10")	2990 (9' 10")	2990 (9' 10")
Overall height of boom	C			2990 (9' 10")	3040 (10' 0")	2990 (9' 10")
Superstructure width	D			2980 (9' 9")	2980 (9' 9")	2980 (9' 9")
Overall height of cab	E			3080 (10' 1")	3080 (10' 1")	3080 (10' 1")
Ground clearance of counterweight	F			1060 (3' 6")	1060 (3' 6")	1060 (3' 6")
Overall height of engine hood	G			2680 (8' 10")	2680 (8' 10")	2680 (8' 10")
Overall height of guardrail	R			3270 (10' 9")	3270 (10' 9")	3270 (10' 9")
Minimum ground clearance	H			480 (1' 7")	480 (1' 7")	480 (1' 7")
Rear-end distance	I			1780 (5' 10")	1780 (5' 10")	1780 (5' 10")
Rear-end swing radius	I'			1780 (5' 10")	1780 (5' 10")	1780 (5' 10")
Distance between tumblers	J			3640 (11' 11")	3640 (11' 11")	3640 (11' 11")
Undercarriage length	K			4440 (14' 7")	4440 (14' 7")	4440 (14' 7")
Undercarriage width	L			2990 (9' 10")	2990 (9' 10")	2990 (9' 10")
Track gauge	M			2390 (7' 10")	2390 (7' 10")	2390 (7' 10")
Track shoe width, standard	N			600 (2' 0")	600 (2' 0")	600 (2' 0")
Travel speed (low/high)		km/hr (mph)		3.5/5.5 (2.2/3.4)	3.5/5.5 (2.2/3.4)	3.5/5.5 (2.2/3.4)
Swing speed		rpm		12.69	12.69	12.69
Gradeability		Degree (%)		35 (70)	35 (70)	35 (70)
Ground pressure		kgf/cm <sup>2</sup> (psi)		0.54 (7.64)	0.53 (7.59)	0.54 (7.61)
Max traction force		kg (lb)		21100 (46517)	21100 (46517)	21100 (46517)

#### 4) HX235A LCR, 2 PCS, WITH DOZER

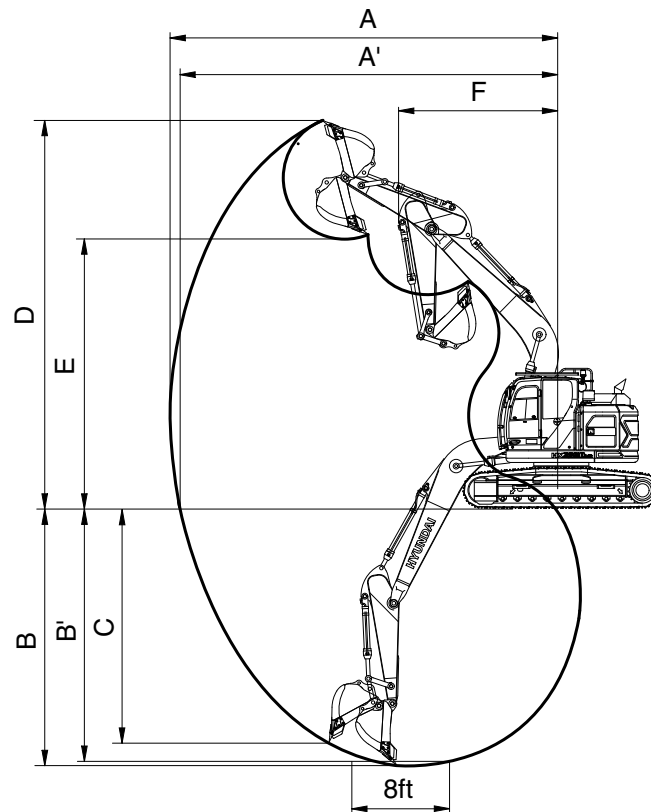


235A2SP05

Description	Unit		Specification		
	m (ft-in)	Boom	5.65 (18' 6")		
		Arm	2.92 (9' 7")	2.00 (6' 7")	2.40 (7' 10")
	mm (in)	Shoe	600 (24)		
Operating weight	kg (lb)		26700 (58860)	26530 (58490)	26600 (58640)
Bucket capacity (SAE heaped), standard	m <sup>3</sup> (yd <sup>3</sup> )		0.80 (1.04)	0.80 (1.04)	0.80 (1.04)
Overall length	A	mm (ft-in)	9840 (32' 3")	9940 (32' 7")	9860 (32' 4")
Overall width	B		2990 (9' 10")	2990 (9' 10")	2990 (9' 10")
Overall height of boom	C		2990 (9' 10")	3040 (10' 0")	2990 (9' 10")
Superstructure width	D		2980 (9' 9")	2980 (9' 9")	2980 (9' 9")
Overall height of cab	E		3080 (10' 1")	3080 (10' 1")	3080 (10' 1")
Ground clearance of counterweight	F		1060 (3' 6")	1060 (3' 6")	1060 (3' 6")
Overall height of engine hood	G		2680 (8' 10")	2680 (8' 10")	2680 (8' 10")
Overall height of guardrail	R		3270 (10' 9")	3270 (10' 9")	3270 (10' 9")
Minimum ground clearance	H		480 (1' 7")	480 (1' 7")	480 (1' 7")
Rear-end distance	I		1780 (5' 10")	1780 (5' 10")	1780 (5' 10")
Rear-end swing radius	I'		1780 (5' 10")	1780 (5' 10")	1780 (5' 10")
Distance between tumblers	J		3640 (11' 11")	3640 (11' 11")	3640 (11' 11")
Undercarriage length	K		4440 (14' 7")	4440 (14' 7")	4440 (14' 7")
Undercarriage width	L		2990 (9' 10")	2990 (9' 10")	2990 (9' 10")
Track gauge	M		2390 (7' 10")	2390 (7' 10")	2390 (7' 10")
Track shoe width, standard	N		600 (2' 0")	600 (2' 0")	600 (2' 0")
Height of blade	O		739 (2' 5")	739 (2' 5")	739 (2' 5")
Ground clearance of blade up	P		550 (1' 10")	550 (1' 10")	550 (1' 10")
Depth of blade down	Q		413 (1' 4")	413 (1' 4")	413 (1' 4")
Travel speed (low/high)	km/hr (mph)		3.5/5.5 (2.2/3.4)	3.5/5.5 (2.2/3.4)	3.5/5.5 (2.2/3.4)
Swing speed	rpm		12.69	12.69	12.69
Gradeability	Degree (%)		35 (70)	35 (70)	35 (70)
Ground pressure	kgf/cm <sup>2</sup> (psi)		0.57 (8.08)	0.56 (8.03)	0.57 (8.05)
Max traction force	kg (lb)		21100 (46517)	21100 (46517)	21100 (46517)

### 3. WORKING RANGE AND DIGGING FORCE

#### 1) HX235A LCR, MONO BOOM

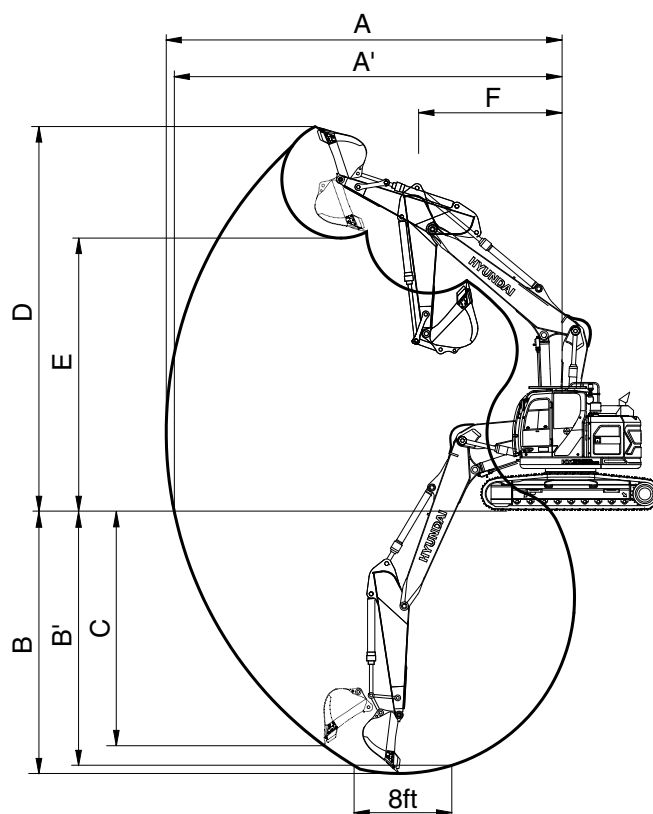


235A2SP06

Description	m (ft-in)	Boom	5.68 (18' 8")		
		Arm	2.92 (9' 7")	2.00 (6' 7")	2.40 (7' 10")
Max digging reach	mm (ft-in)	A	9910 (32' 6")	9040 (29' 8")	9430 (30' 11")
Max digging reach on ground		A'	9750 (32' 0")	8860 (29' 1")	9260 (30' 5")
Max digging depth		B	6670 (21' 11")	5750 (18' 10")	6150 (20' 2")
Max digging depth (8 ft level)		B'	6490 (21' 4")	5490 (18' 0")	5940 (19' 6")
Max vertical wall digging depth		C	6090 (20' 0")	5120 (16' 10")	5570 (18' 3")
Max digging height		D	10820 (35' 6")	10130 (33' 3")	10460 (34' 4")
Max dumping height		E	7900 (25' 11")	7220 (23' 8")	7540 (24' 9")
Min swing radius		F	2350 (7' 9")	2860 (9' 5")	2550 (8' 4")
Bucket digging force	kN	SAE	133.4 [144.8]	133.4 [144.8]	133.4 [144.8]
	kgf		13600 [14770]	13600 [14770]	13600 [14770]
	lbf		29980 [32560]	29980 [32560]	29980 [32560]
	kN	ISO	152.0 [165.0]	152.0 [165.0]	152.0 [165.0]
	kgf		15500 [16830]	15500 [16830]	15500 [16830]
	lbf		34170 [37100]	34170 [37100]	34170 [37100]
Arm digging force	kN	SAE	102.0 [110.7]	144.2 [156.5]	119.6 [129.9]
	kgf		10400 [11290]	14700 [15960]	12200 [13250]
	lbf		22930 [24890]	32410 [35190]	26900 [29210]
	kN	ISO	106.9 [116.0]	151.0 [164.0]	125.5 [136.3]
	kgf		10900 [11830]	15400 [16720]	12800 [13900]
	lbf		24030 [26080]	33950 [36860]	28220 [30640]

[ ] : Power boost

## 2) HX235A LCR, 2-PIECE BOOM



235A2SP07

Description	m (ft-in)	Boom	5.65 (18' 6")		
		Arm	2.92 (9' 7")	2.00 (6' 7")	2.40 (7' 10")
Max digging reach	mm (ft-in)	A	10020 (32' 10")	9050 (29' 8")	9460 (31' 0")
Max digging reach on ground		A'	9860 (32' 4")	8880 (29' 2")	9290 (30' 6")
Max digging depth		B	6380 (20' 11")	5460 (17' 11")	5860 (19' 3")
Max digging depth (8 ft level)		B'	6270 (20' 7")	5340 (17' 6")	5750 (18' 10")
Max vertical wall digging depth		C	5520 (18' 1")	4530 (14' 10")	4970 (16' 4")
Max digging height		D	11470 (37' 8")	10600 (34' 9")	10990 (36' 1")
Max dumping height		E	8540 (28' 0")	7680 (25' 2")	8090 (26' 7")
Min swing radius		F	2000 (6' 7")	2130 (7' 0")	2030 (6' 8")
Bucket digging force	kN	SAE	133.4 [144.8]	133.4 [144.8]	133.4 [144.8]
	kgf		13600 [14770]	13600 [14770]	13600 [14770]
	lbf		29980 [32560]	29980 [32560]	29980 [32560]
	kN	ISO	152.0 [165.0]	152.0 [165.0]	152.0 [165.0]
	kgf		15500 [16830]	15500 [16830]	15500 [16830]
	lbf		34170 [37100]	34170 [37100]	34170 [37100]
Arm digging force	kN	SAE	102.0 [110.7]	144.2 [156.5]	119.6 [129.9]
	kgf		10400 [11290]	14700 [15960]	12200 [13250]
	lbf		22930 [24890]	32410 [35190]	26900 [29210]
	kN	ISO	106.9 [116.0]	151.0 [164.0]	125.5 [136.3]
	kgf		10900 [11830]	15400 [16720]	12800 [13900]
	lbf		24030 [26080]	33950 [36860]	28220 [30640]

[ ] : Power boost

## 4. WEIGHT

Item	HX235A LCR	
	kg	lb
Upperstructure assembly		
· Main frame weld assembly	2060	4540
· Engine assembly	580	1280
· Aftertreatment assy	70	150
· Main pump assembly	140	310
· Main control valve assembly	230	510
· Swing motor assembly	180	400
· Fuel&HYD Tank Assy	430	950
· Counterweight	5300	11680
· Cab assembly	480	1060
Lower chassis assembly		
· Track frame weld assembly	2590	5710
· Swing bearing	441	970
· Travel motor assembly (2EA)	610	1340
· Turning joint	60	130
· Sprocket (2EA)	112	250
· Track recoil spring (2EA)	283	620
· Idler (2EA)	308	680
· Carrier roller (2EA)	82	180
· Track roller (18EA)	675	1490
· Dozer blade (600mm T/C base)	930	2050
· Track-chain assembly (600 mm triple grouser shoe) (2EA)	2894	5980
· Track-chain assembly (700 mm triple grouser shoe) (2EA)	3178	7020
· Track-chain assembly (800 mm triple grouser shoe) (2EA)	3460	7650
Front attachment assembly		
· 5.68 m boom assembly	1530	3370
· 2.92 m arm assembly	760	1680
· 0.80 m³ SAE heaped bucket	820	1810
· 4.70 m boom assembly	1400	3090
· 2pc boom assembly	1920	4230
· 2.00 m arm assembly	600	1320
· 2.40 m arm assembly	670	1480
· Boom cylinder assembly (2EA)	400	880
· Arm cylinder assembly	270	600
· Bucket cylinder assembly	160	350
· Bucket control linkage total	200	440

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

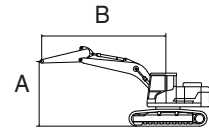
※ Refer to Transportation for actual weight information and Specifications for operating weight.











## 5. LIFTING CAPACITIES

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX235A LCR	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5680	2000	5300	600	-	-	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)		Lift-point radius (B)								At max. reach		
		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach
												m (ft)
7.5 m (24.6 ft)	kg lb			*5910 *13030	*5910 *13030					*5940 *13100	*5940 *13100	4.93 (16.2)
6.0 m (19.7 ft)	kg lb			*5980 *13180	*5980 *13180	*5520 *12170	4980 10980			*5530 *12190	4600 10140	6.28 (20.6)
4.5 m (14.8 ft)	kg lb			*6990 *15410	*6990 *15410	*5780 *12740	4860 10710			*5410 *11930	3750 8270	7.07 (23.2)
3.0 m (9.8 ft)	kg lb			*8390 *18500	7010 15450	*6330 *13960	4650 10250			*5410 *11930	3360 7410	7.48 (24.5)
1.5 m (4.9 ft)	kg lb					*6820 *15040	4460 9830	5310 11710	3270 7210	5240 11550	3220 7100	7.57 (24.8)
0.0 m (0.0 ft)	kg lb			*9410 *20750	6480 14290	*6980 *15390	4340 9570			5410 11930	3310 7300	7.36 (24.1)
-1.5 m (-4.9 ft)	kg lb			*8790 *19380	6490 14310	*6610 *14570	4330 9550			*5560 *12260	3680 8110	6.81 (22.3)
-3.0 m (-9.8 ft)	kg lb	*9470 *20880	*9470 *20880	*7370 *16250	6630 14620					*5390 *11880	4630 10210	5.83 (19.1)
-4.5 m (-14.8 ft)	kg lb											

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.

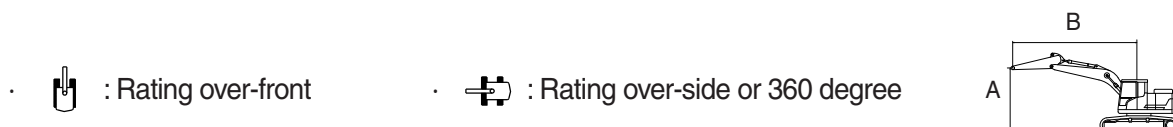
Lifting capacities will vary with different work tools, ground conditions and attachments.











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		Outtriger	
HX235A LCR	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5680	2400	5300	600	-	-	-	-	-



Lift-point height (A)		Lift-point radius (B)								At max. reach		
		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach
												m (ft)
9.0 m (29.5 ft)	kg lb									*6690 *14750	*6690 *14750	3.26 (10.7)
7.5 m (24.6 ft)	kg lb			*5320 *11730	*5320 *11730					*5080 *11200	*5080 *11200	5.52 (18.1)
6.0 m (19.7 ft)	kg lb			*5510 *12150	*5510 *12150	*5130 *11310	5040 11110			*4620 *10190	4120 9080	6.75 (22.1)
4.5 m (14.8 ft)	kg lb	*9060 *19970	*9060 *19970	*6520 *14370	*6520 *14370	*5480 *12080	4890 10780			*4490 *9900	3420 7540	7.49 (24.6)
3.0 m (9.8 ft)	kg lb			*7970 *17570	7100 15650	*6080 *13400	4670 10300	*5190 *11440	3340 7360	*4580 *10100	3090 6810	7.87 (25.8)
1.5 m (4.9 ft)	kg lb			*9100 *20060	6650 14660	*6650 *14660	4450 9810	5290 11660	3250 7170	4850 10690	2980 6570	7.96 (26.1)
0.0 m (0.0 ft)	kg lb			*9410 *20750	6450 14220	*6920 *15260	4310 9500	5220 11510	3180 7010	4980 10980	3040 6700	7.76 (25.4)
-1.5 m (-4.9 ft)	kg lb	*11240 *24780	*11240 *24780	*8990 *19820	6420 14150	*6710 *14790	4270 9410			*5250 *11570	3340 7360	7.24 (23.8)
-3.0 m (-9.8 ft)	kg lb	*10430 *22990	*10430 *22990	*7820 *17240	6520 14370	*5700 *12570	4360 9610			*5170 *11400	4070 8970	6.33 (20.8)
-4.5 m (-14.8 ft)	kg lb			*5130 *11310	*5130 *11310					*4560 *10050	*4560 *10050	4.81 (15.8)

Note 1. Lifting capacity are based on ISO 10567.

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

※ Lifting capacities are based upon a standard machine conditions.

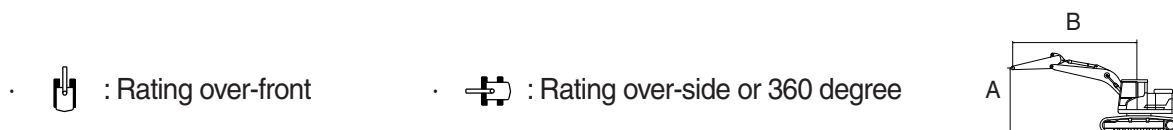
Lifting capacities will vary with different work tools, ground conditions and attachments.













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

Consult 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		Outtriger	
HX235A LCR	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5680	2920	5300	600	-	-	-	-	-



Lift-point height (A)		Lift-point radius (B)										At max. reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach
														m (ft)
9.0 m (29.5 ft)	kg lb											*4150 *9150	*4150 *9150	4.32 (14.2)
7.5 m (24.6 ft)	kg lb					*4610 *10160	*4610 *10160	*4230 *9330	*4230 *9330			*3370 *7430	*3370 *7430	6.20 (20.3)
6.0 m (19.7 ft)	kg lb					*4880 *10760	*4880 *10760	*4640 *10230	*4640 *10230			*3100 *6830	*3100 *6830	7.31 (24.0)
4.5 m (14.8 ft)	kg lb			*7640 *16840	*7640 *16840	*5880 *12960	*5880 *12960	*5060 *11160	4940 10890	*4650 *10250	3440 7580	*3020 *6660	*3020 *6660	8.00 (26.2)
3.0 m (9.8 ft)	kg lb					*7360 *16230	7220 15920	*5720 *12610	4700 10360	*4910 *10820	3340 7360	*3080 *6790	2790 6150	8.36 (27.4)
1.5 m (4.9 ft)	kg lb					*8690 *19160	6710 14790	*6380 *14070	4450 9810	*5210 *11490	3220 7100	*3250 *7170	2690 5930	8.44 (27.7)
0.0 m (0.0 ft)	kg lb			*6320 *13930	*6320 *13930	*9290 *20480	6420 14150	*6790 *14970	4280 9440	5170 11400	3130 6900	*3590 *7910	2740 6040	8.25 (27.1)
-1.5 m (-4.9 ft)	kg lb	*6580 *14510	*6580 *14510	*10750 *23700	*10750 *23700	*9140 *20150	6330 13960	*6760 *14900	4200 9260	5140 11330	3100 6830	*4210 *9280	2970 6550	7.77 (25.5)
-3.0 m (-9.8 ft)	kg lb	*11250 *24800	*11250 *24800	*11470 *25290	*11470 *25290	*8270 *18230	6390 14090	*6120 *13490	4230 9330			*4900 *10800	3510 7740	6.93 (22.7)
-4.5 m (-14.8 ft)	kg lb			*8610 *18980	*8610 *18980	*6290 *13870	*6290 *13870					*4630 *10210	*4630 *10210	5.58 (18.3)

Note 1. Lifting capacity are based on ISO 10567.

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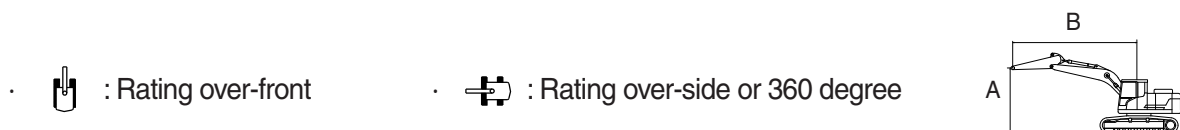
Lifting capacities will vary with different work tools, ground conditions and attachments.











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

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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outtriger	
HX235A LCR	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5680	2000	5300	600	-	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			*5910 *13030	*5910 *13030					*5940 *13100	*5940 *13100	4.93 (16.2)
6.0 m (19.7 ft)	kg lb			*5980 *13180	*5980 *13180	*5520 *12170	*5520 *12170			*5530 *12190	5190 11440	6.28 (20.6)
4.5 m (14.8 ft)	kg lb			*6990 *15410	*6990 *15410	*5780 *12740	5480 12080			*5410 *11930	4240 9350	7.07 (23.2)
3.0 m (9.8 ft)	kg lb			*8390 *18500	7970 17570	*6330 *13960	5270 11620			*5410 *11930	3810 8400	7.48 (24.5)
1.5 m (4.9 ft)	kg lb					*6820 *15040	5070 11180	*5510 *12150	3720 8200	*5470 *12060	3670 8090	7.57 (24.8)
0.0 m (0.0 ft)	kg lb			*9410 *20750	7430 16380	*6980 *15390	4960 10930			*5530 *12190	3780 8330	7.36 (24.1)
-1.5 m (-4.9 ft)	kg lb			*8790 *19380	7440 16400	*6610 *14570	4950 10910			*5560 *12260	4200 9260	6.81 (22.3)
-3.0 m (-9.8 ft)	kg lb	*9470 *20880	*9470 *20880	*7370 *16250	*7370 *16250					*5390 *11880	5280 11640	5.83 (19.1)
-4.5 m (-14.8 ft)	kg lb											

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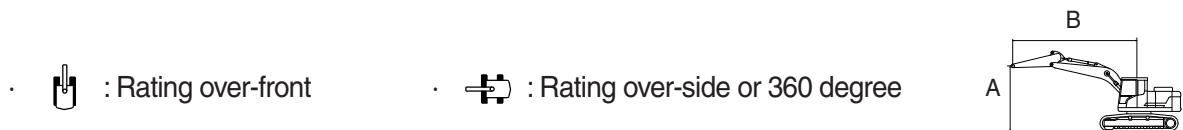
Lifting capacities will vary with different work tools, ground conditions and attachments.











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		Outtriger	
HX235A LCR	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5680	2000	5300	600	-	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			*5910 *13030	*5910 *13030					*5940 *13100	*5940 *13100	4.93 (16.2)
6.0 m (19.7 ft)	kg lb			*5980 *13180	*5980 *13180	*5520 *12170	5280 11640			*5530 *12190	4890 10780	6.28 (20.6)
4.5 m (14.8 ft)	kg lb			*6990 *15410	*6990 *15410	*5780 *12740	5160 11380			*5410 *11930	3990 8800	7.07 (23.2)
3.0 m (9.8 ft)	kg lb			*8390 *18500	7450 16420	*6330 *13960	4950 10910			*5410 *11930	3580 7890	7.48 (24.5)
1.5 m (4.9 ft)	kg lb					*6820 *15040	4760 10490	5310 11710	3490 7690	5240 11550	3450 7610	7.57 (24.8)
0.0 m (0.0 ft)	kg lb			*9410 *20750	6920 15260	*6980 *15390	4640 10230			5410 11930	3540 7800	7.36 (24.1)
-1.5 m (-4.9 ft)	kg lb			*8790 *19380	6930 15280	*6610 *14570	4630 10210			*5560 *12260	3940 8690	6.81 (22.3)
-3.0 m (-9.8 ft)	kg lb	*9470 *20880	*9470 *20880	*7370 *16250	7070 15590					*5390 *11880	4950 10910	5.83 (19.1)
-4.5 m (-14.8 ft)	kg lb											

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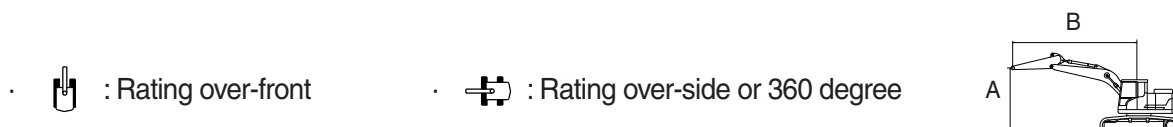
Lifting capacities will vary with different work tools, ground conditions and attachments.











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		Outtriger	
HX235A LCR	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5680	2400	5300	600	-	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									*6690 *14750	*6690 *14750	3.26 (10.7)
7.5 m (24.6 ft)	kg lb			*5320 *11730	*5320 *11730					*5080 *11200	*5080 *11200	5.52 (18.1)
6.0 m (19.7 ft)	kg lb			*5510 *12150	*5510 *12150	*5130 *11310	*5130 *11310			*4620 *10190	*4620 *10190	6.75 (22.1)
4.5 m (14.8 ft)	kg lb	*9060 *19970	*9060 *19970	*6520 *14370	*6520 *14370	*5480 *12080	*5480 *12080			*4490 *9900	3880 8550	7.49 (24.6)
3.0 m (9.8 ft)	kg lb			*7970 *17570	*7970 *17570	*6080 *13400	5290 11660	*5190 *11440	3800 8380	*4580 *10100	3520 7760	7.87 (25.8)
1.5 m (4.9 ft)	kg lb			*9100 *20060	7610 16780	*6650 *14660	5070 11180	*5400 *11900	3700 8160	*4870 *10740	3400 7500	7.96 (26.1)
0.0 m (0.0 ft)	kg lb			*9410 *20750	7400 16310	*6920 *15260	4930 10870	*5430 *11970	3640 8020	*5200 *11460	3480 7670	7.76 (25.4)
-1.5 m (-4.9 ft)	kg lb	*11240 *24780	*11240 *24780	*8990 *19820	7370 16250	*6710 *14790	4890 10780			*5250 *11570	3820 8420	7.24 (23.8)
-3.0 m (-9.8 ft)	kg lb	*10430 *22990	*10430 *22990	*7820 *17240	7480 16490	*5700 *12570	4970 10960			*5170 *11400	4640 10230	6.33 (20.8)
-4.5 m (-14.8 ft)	kg lb			*5130 *11310	*5130 *11310					*4560 *10050	*4560 *10050	4.81 (15.8)

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).

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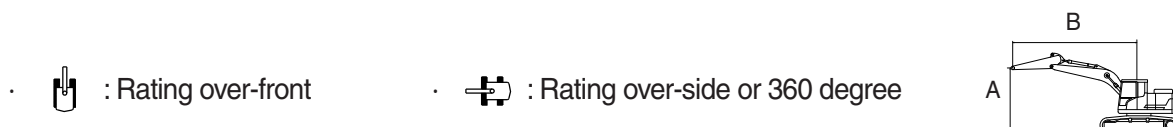
Lifting capacities will vary with different work tools, ground conditions and attachments.











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		Outtriger	
HX235A LCR	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5680	2400	5300	600	-	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									*6690 *14750	*6690 *14750	3.26 (10.7)
7.5 m (24.6 ft)	kg lb			*5320 *11730	*5320 *11730					*5080 *11200	*5080 *11200	5.52 (18.1)
6.0 m (19.7 ft)	kg lb			*5510 *12150	*5510 *12150	*5130 *11310	*5130 *11310			*4620 *10190	4380 9660	6.75 (22.1)
4.5 m (14.8 ft)	kg lb	*9060 *19970	*9060 *19970	*6520 *14370	*6520 *14370	*5480 *12080	5190 11440			*4490 *9900	3650 8050	7.49 (24.6)
3.0 m (9.8 ft)	kg lb			*7970 *17570	7540 16620	*6080 *13400	4970 10960	*5190 *11440	3570 7870	*4580 *10100	3310 7300	7.87 (25.8)
1.5 m (4.9 ft)	kg lb			*9100 *20060	7090 15630	*6650 *14660	4750 10470	5290 11660	3470 7650	4850 10690	3190 7030	7.96 (26.1)
0.0 m (0.0 ft)	kg lb			*9410 *20750	6890 15190	*6920 *15260	4610 10160	5220 11510	3410 7520	4980 10980	3260 7190	7.76 (25.4)
-1.5 m (-4.9 ft)	kg lb	*11240 *24780	*11240 *24780	*8990 *19820	6860 15120	*6710 *14790	4570 10080			*5250 *11570	3580 7890	7.24 (23.8)
-3.0 m (-9.8 ft)	kg lb	*10430 *22990	*10430 *22990	*7820 *17240	6960 15340	*5700 *12570	4660 10270			*5170 *11400	4350 9590	6.33 (20.8)
-4.5 m (-14.8 ft)	kg lb			*5130 *11310	*5130 *11310					*4560 *10050	*4560 *10050	4.81 (15.8)

Note 1. Lifting capacity are based on ISO 10567.

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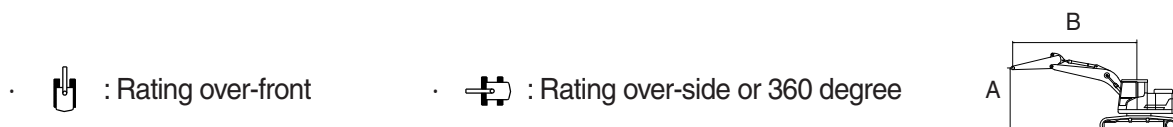
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


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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outtriger	
HX235A LCR	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5680	2920	5300	600	-	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)
9.0 m (29.5 ft)	kg lb											*4150 *9150	*4150 *9150	4.32 (14.2)
7.5 m (24.6 ft)	kg lb					*4610 *10160	*4610 *10160	*4230 *9330	*4230 *9330			*3370 *7430	*3370 *7430	6.20 (20.3)
6.0 m (19.7 ft)	kg lb					*4880 *10760	*4880 *10760	*4640 *10230	*4640 *10230			*3100 *6830	*3100 *6830	7.31 (24.0)
4.5 m (14.8 ft)	kg lb			*7640 *16840	*7640 *16840	*5880 *12960	*5880 *12960	*5060 *11160	*5060 *11160	*4650 *10250	3900 8600	*3020 *6660	*3020 *6660	8.00 (26.2)
3.0 m (9.8 ft)	kg lb					*7360 *16230	*7360 *16230	*5720 *12610	5320 11730	*4910 *10820	3790 8360	*3080 *6790	*3080 *6790	8.36 (27.4)
1.5 m (4.9 ft)	kg lb					*8690 *19160	7660 16890	*6380 *14070	5070 11180	*5210 *11490	3680 8110	*3250 *7170	3080 6790	8.44 (27.7)
0.0 m (0.0 ft)	kg lb			*6320 *13930	*6320 *13930	*9290 *20480	7370 16250	*6790 *14970	4890 10780	*5370 *11840	3590 7910	*3590 *7910	3140 6920	8.25 (27.1)
-1.5 m (-4.9 ft)	kg lb	*6580 *14510	*6580 *14510	*10750 *23700	*10750 *23700	*9140 *20150	7280 16050	*6760 *14900	4820 10630	*5180 *11420	3560 7850	*4210 *9280	3400 7500	7.77 (25.5)
-3.0 m (-9.8 ft)	kg lb	*11250 *24800	*11250 *24800	*11470 *25290	*11470 *25290	*8270 *18230	7340 16180	*6120 *13490	4850 10690			*4900 *10800	4010 8840	6.93 (22.7)
-4.5 m (-14.8 ft)	kg lb			*8610 *18980	*8610 *18980	*6290 *13870	*6290 *13870					*4630 *10210	*4630 *10210	5.58 (18.3)

Note 1. Lifting capacity are based on ISO 10567.

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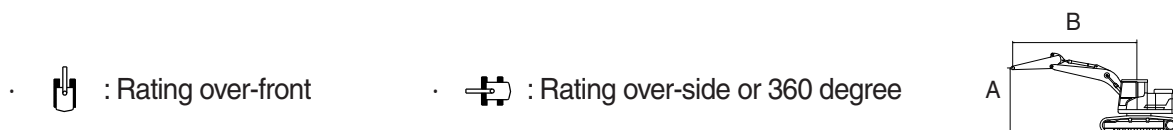
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




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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outtriger	
HX235A LCR	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5680	2920	5300	600	-	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)
9.0 m (29.5 ft)	kg lb											*4150 *9150	*4150 *9150	4.32 (14.2)
7.5 m (24.6 ft)	kg lb					*4610 *10160	*4610 *10160	*4230 *9330	*4230 *9330			*3370 *7430	*3370 *7430	6.20 (20.3)
6.0 m (19.7 ft)	kg lb					*4880 *10760	*4880 *10760	*4640 *10230	*4640 *10230			*3100 *6830	*3100 *6830	7.31 (24.0)
4.5 m (14.8 ft)	kg lb			*7640 *16840	*7640 *16840	*5880 *12960	*5880 *12960	*5060 *11160	*5060 *11160	*4650 *10250	3670 8090	*3020 *6660	*3020 *6660	8.00 (26.2)
3.0 m (9.8 ft)	kg lb					*7360 *16230	*7360 *16230	*5720 *12610	5000 11020	*4910 *10820	3570 7870	*3080 *6790	2990 6590	8.36 (27.4)
1.5 m (4.9 ft)	kg lb					*8690 *19160	7150 15760	*6380 *14070	4750 10470	*5210 *11490	3450 7610	*3250 *7170	2890 6370	8.44 (27.7)
0.0 m (0.0 ft)	kg lb			*6320 *13930	*6320 *13930	*9290 *20480	6860 15120	*6790 *14970	4580 10100	5170 11400	3360 7410	*3590 *7910	2940 6480	8.25 (27.1)
-1.5 m (-4.9 ft)	kg lb	*6580 *14510	*6580 *14510	*10750 *23700	*10750 *23700	*9140 *20150	6770 14930	*6760 *14900	4500 9920	5140 11330	3330 7340	*4210 *9280	3190 7030	7.77 (25.5)
-3.0 m (-9.8 ft)	kg lb	*11250 *24800	*11250 *24800	*11470 *25290	*11470 *25290	*8270 *18230	6830 15060	*6120 *13490	4530 9990			*4900 *10800	3760 8290	6.93 (22.7)
-4.5 m (-14.8 ft)	kg lb			*8610 *18980	*8610 *18980	*6290 *13870	*6290 *13870					*4630 *10210	*4630 *10210	5.58 (18.3)

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.

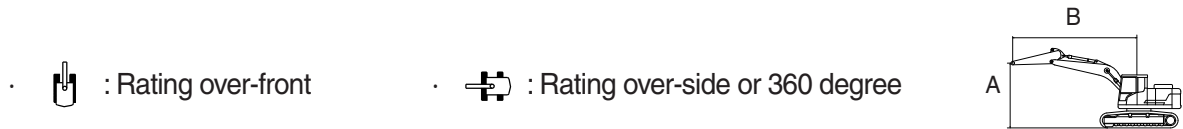
Lifting capacities will vary with different work tools, ground conditions and attachments.













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	
HX235A LCR	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5680	2920	5300	800	-	-	-	-	-



Lift-point height (A)		Lift-point radius (B)										At max. reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach
														m (ft)
9.0 m (29.5 ft)	kg lb											*4150 *9150	*4150 *9150	4.32 (14.2)
7.5 m (24.6 ft)	kg lb					*4610 *10160	*4610 *10160	*4230 *9330	*4230 *9330			*3370 *7430	*3370 *7430	6.20 (20.3)
6.0 m (19.7 ft)	kg lb					*4880 *10760	*4880 *10760	*4640 *10230	*4640 *10230			*3100 *6830	*3100 *6830	7.31 (24.0)
4.5 m (14.8 ft)	kg lb			*7640 *16840	*7640 *16840	*5880 *12960	*5880 *12960	*5060 *11160	*5060 *11160	*4650 *10250	3540 7800	*3020 *6660	*3020 *6660	8.00 (26.2)
3.0 m (9.8 ft)	kg lb					*7360 *16230	*7360 *16230	*5720 *12610	4820 10630	*4910 *10820	3430 7560	*3080 *6790	2880 6350	8.36 (27.4)
1.5 m (4.9 ft)	kg lb					*8690 *19160	6890 15190	*6380 *14070	4580 10100	*5210 *11490	3320 7320	*3250 *7170	2770 6110	8.44 (27.7)
0.0 m (0.0 ft)	kg lb			*6320 *13930	*6320 *13930	*9290 *20480	6600 14550	*6790 *14970	4400 9700	5320 11730	3230 7120	*3590 *7910	2820 6220	8.25 (27.1)
-1.5 m (-4.9 ft)	kg lb	*6580 *14510	*6580 *14510	*10750 *23700	*10750 *23700	*9140 *20150	6520 14370	*6760 *14900	4330 9550	*5180 *11420	3200 7050	*4210 *9280	3060 6750	7.77 (25.5)
-3.0 m (-9.8 ft)	kg lb	*11250 *24800	*11250 *24800	*11470 *25290	*11470 *25290	*8270 *18230	6570 14480	*6120 *13490	4360 9610			*4900 *10800	3620 7980	6.93 (22.7)
-4.5 m (-14.8 ft)	kg lb			*8610 *18980	*8610 *18980	*6290 *13870	*6290 *13870					*4630 *10210	*4630 *10210	5.58 (18.3)

Note 1. Lifting capacity are based on ISO 10567.

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

※ Lifting capacities are based upon a standard machine conditions.

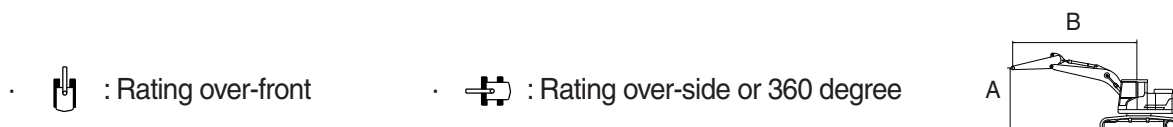
Lifting capacities will vary with different work tools, ground conditions and attachments.













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

Consult 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		Outtriger	
HX235A LCR	2 PCS BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5650	2000	5300	600	-	-	-	-	-



Lift-point height (A)		Lift-point radius (B)										At max. reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach
														m (ft)
9.0 m (29.5 ft)	kg lb	*14220 *31350	*14220 *31350									*12400 *27340	*12400 *27340	2.15 (7.1)
7.5 m (24.6 ft)	kg lb			*8790 *19380	*8790 *19380	*6930 *15280	*6930 *15280					*6640 *14640	*6640 *14640	4.96 (16.3)
6.0 m (19.7 ft)	kg lb			*9450 *20830	*9450 *20830	*6960 *15340	*6960 *15340	*5570 *12280	5110 11270			*5430 *11970	4690 10340	6.30 (20.7)
4.5 m (14.8 ft)	kg lb					*7950 *17530	7780 17150	*5760 *12700	4990 11000			*4950 *10910	3800 8380	7.09 (23.2)
3.0 m (9.8 ft)	kg lb					*9290 *20480	7180 15830	*6310 *13910	4750 10470			*4800 *10580	3400 7500	7.49 (24.6)
1.5 m (4.9 ft)	kg lb							*6870 *15150	4540 10010	*4960 *10930	3320 7320	*4890 *10780	3270 7210	7.58 (24.9)
0.0 m (0.0 ft)	kg lb					*8240 *18170	6590 14530	*6330 *13960	4420 9740			*4580 *10100	3360 7410	7.37 (24.2)
-1.5 m (-4.9 ft)	kg lb					*6520 *14370	*6520 *14370	*5060 *11160	4410 9720			*3850 *8490	3750 8270	6.83 (22.4)
-3.0 m (-9.8 ft)	kg lb													

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.

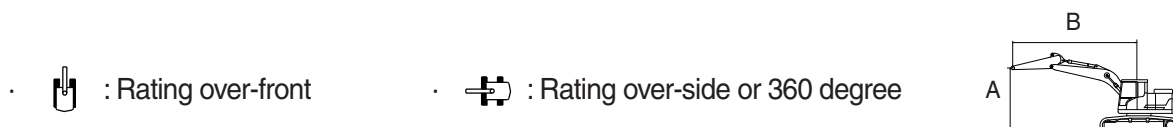
Lifting capacities will vary with different work tools, ground conditions and attachments.













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		Outtriger	
HX235A LCR	2 PCS BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5650	2400	5300	600	-	-	-	-	-



Lift-point height (A)		Lift-point radius (B)										At max. reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach
														m (ft)
9.0 m (29.5 ft)	kg lb			*7900 *17420	*7900 *17420							*6590 *14530	*6590 *14530	3.32 (10.9)
7.5 m (24.6 ft)	kg lb			*7890 *17390	*7890 *17390	*6450 *14220	*6450 *14220					*4880 *10760	*4880 *10760	5.55 (18.2)
6.0 m (19.7 ft)	kg lb			*7600 *16760	*7600 *16760	*6570 *14480	*6570 *14480	*5250 *11570	5190 11440			*4360 *9610	4180 9220	6.78 (22.2)
4.5 m (14.8 ft)	kg lb			*11890 *26210	*11890 *26210	*7440 *16400	*7440 *16400	*5490 *12100	5030 11090	*4350 *9590	3480 7670	*4200 *9260	3470 7650	7.51 (24.6)
3.0 m (9.8 ft)	kg lb					*9080 *20020	7290 16070	*6040 *13320	4780 10540	*4580 *10100	3410 7520	*4230 *9330	3130 6900	7.90 (25.9)
1.5 m (4.9 ft)	kg lb					*9310 *20530	6780 14950	*6750 *14880	4540 10010	*4790 *10560	3300 7280	*4420 *9740	3010 6640	7.98 (26.2)
0.0 m (0.0 ft)	kg lb					*8590 *18940	6560 14460	*6470 *14260	4390 9680	*4760 *10490	3240 7140	*4340 *9570	3080 6790	7.78 (25.5)
-1.5 m (-4.9 ft)	kg lb			*7720 *17020	*7720 *17020	*7080 *15610	6540 14420	*5440 *11990	4350 9590			*3730 *8220	3400 7500	7.27 (23.8)
-3.0 m (-9.8 ft)	kg lb					*4700 *10360	*4700 *10360	*3300 *7280	*3300 *7280					

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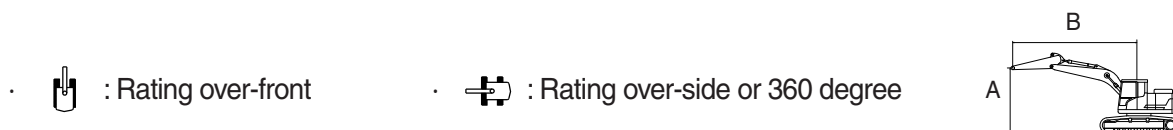
Lifting capacities will vary with different work tools, ground conditions and attachments.













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

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		Outtriger	
HX235A LCR	2 PCS BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5650	2920	5300	600	-	-	-	-	-



Lift-point height (A)		Lift-point radius (B)										At max. reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach
														m (ft)
9.0 m (29.5 ft)	kg lb			*6690 *14750	*6690 *14750							*3930 *8660	*3930 *8660	4.40 (14.4)
7.5 m (24.6 ft)	kg lb			*6080 *13400	*6080 *13400	*5960 *13140	*5960 *13140	*4360 *9610	*4360 *9610			*3130 *6900	*3130 *6900	6.25 (20.5)
6.0 m (19.7 ft)	kg lb			*5760 *12700	*5760 *12700	*6100 *13450	*6100 *13450	*4900 *10800	*4900 *10800			*2830 *6240	*2830 *6240	7.36 (24.1)
4.5 m (14.8 ft)	kg lb			*9130 *20130	*9130 *20130	*6830 *15060	*6830 *15060	*5160 *11380	5100 11240	*4170 *9190	3520 7760	*2730 *6020	*2730 *6020	8.04 (26.4)
3.0 m (9.8 ft)	kg lb					*8480 *18700	7440 16400	*5690 *12540	4820 10630	*4330 *9550	3410 7520	*2750 *6060	*2750 *6060	8.40 (27.6)
1.5 m (4.9 ft)	kg lb					*9250 *20390	6850 15100	*6400 *14110	4550 10030	*4580 *10100	3280 7230	*2870 *6330	2720 6000	8.48 (27.8)
0.0 m (0.0 ft)	kg lb			*6080 *13400	*6080 *13400	*8880 *19580	6530 14400	*6590 *14530	4350 9590	*4820 *10630	3190 7030	*3130 *6900	2770 6110	8.29 (27.2)
-1.5 m (-4.9 ft)	kg lb			*9500 *20940	*9500 *20940	*7660 *16890	6440 14200	*5800 *12790	4280 9440	*4090 *9020	3160 6970	*3590 *7910	3010 6640	7.81 (25.6)
-3.0 m (-9.8 ft)	kg lb			*6440 *14200	*6440 *14200	*5610 *12370	*5610 *12370	*4170 *9190	*4170 *9190			*2760 *6080	*2760 *6080	6.98 (22.9)

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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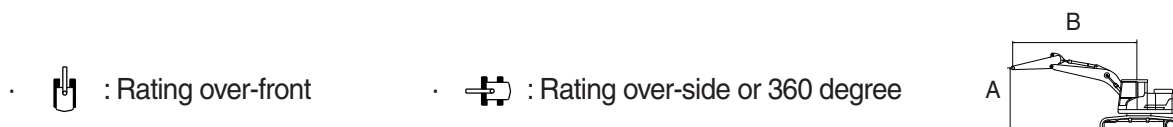
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






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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outtriger	
HX235A LCR	2 PCS BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5650	2000	5300	600	-	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)
9.0 m (29.5 ft)	kg lb	*14220 *31350	*14220 *31350									*12400 *27340	*12400 *27340	2.15 (7.1)
7.5 m (24.6 ft)	kg lb			*8790 *19380	*8790 *19380	*6930 *15280	*6930 *15280					*6640 *14640	*6640 *14640	4.96 (16.3)
6.0 m (19.7 ft)	kg lb			*9450 *20830	*9450 *20830	*6960 *15340	*6960 *15340	*5570 *12280	*5570 *12280			*5430 *11970	5280 11640	6.30 (20.7)
4.5 m (14.8 ft)	kg lb					*7950 *17530	*7950 *17530	*5760 *12700	5620 12390			*4950 *10910	4300 9480	7.09 (23.2)
3.0 m (9.8 ft)	kg lb					*9290 *20480	8150 17970	*6310 *13910	5380 11860			*4800 *10580	3860 8510	7.49 (24.6)
1.5 m (4.9 ft)	kg lb							*6870 *15150	5160 11380	*4960 *10930	3780 8330	*4890 *10780	3720 8200	7.58 (24.9)
0.0 m (0.0 ft)	kg lb					*8240 *18170	7550 16640	*6330 *13960	5040 11110			*4580 *10100	3830 8440	7.37 (24.2)
-1.5 m (-4.9 ft)	kg lb					*6520 *14370	*6520 *14370	*5060 *11160	5040 11110			*3850 *8490	*3850 *8490	6.83 (22.4)
-3.0 m (-9.8 ft)	kg lb													

Note 1. Lifting capacity are based on ISO 10567.

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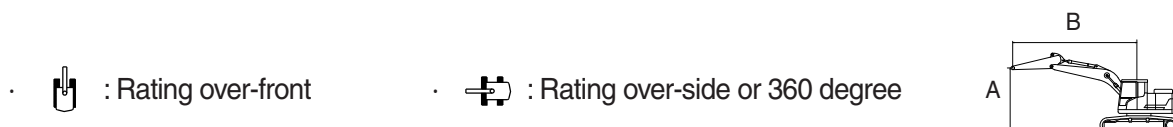
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




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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		Outtriger	
HX235A LCR	2 PCS BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5650	2000	5300	600	-	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)
9.0 m (29.5 ft)	kg lb	*14220 *31350	*14220 *31350									*12400 *27340	*12400 *27340	2.15 (7.1)
7.5 m (24.6 ft)	kg lb			*8790 *19380	*8790 *19380	*6930 *15280	*6930 *15280					*6640 *14640	*6640 *14640	4.96 (16.3)
6.0 m (19.7 ft)	kg lb			*9450 *20830	*9450 *20830	*6960 *15340	*6960 *15340	*5570 *12280	5410 11930			*5430 *11970	4970 10960	6.30 (20.7)
4.5 m (14.8 ft)	kg lb					*7950 *17530	*7950 *17530	*5760 *12700	5290 11660			*4950 *10910	4050 8930	7.09 (23.2)
3.0 m (9.8 ft)	kg lb					*9290 *20480	7620 16800	*6310 *13910	5050 11130			*4800 *10580	3630 8000	7.49 (24.6)
1.5 m (4.9 ft)	kg lb							*6870 *15150	4840 10670	*4960 *10930	3550 7830	*4890 *10780	3490 7690	7.58 (24.9)
0.0 m (0.0 ft)	kg lb					*8240 *18170	7030 15500	*6330 *13960	4720 10410			*4580 *10100	3590 7910	7.37 (24.2)
-1.5 m (-4.9 ft)	kg lb					*6520 *14370	*6520 *14370	*5060 *11160	4710 10380			*3850 *8490	*3850 *8490	6.83 (22.4)
-3.0 m (-9.8 ft)	kg lb													

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.

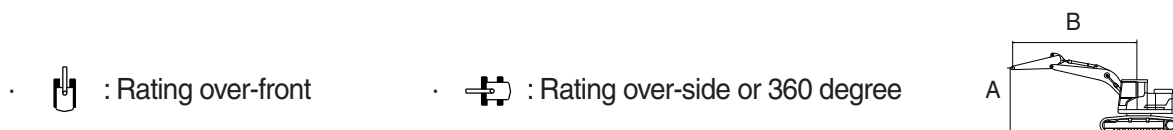
Lifting capacities will vary with different work tools, ground conditions and attachments.













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		Outtriger	
HX235A LCR	2 PCS BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5650	2400	5300	600	-	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)
9.0 m (29.5 ft)	kg lb			*7900 *17420	*7900 *17420							*6590 *14530	*6590 *14530	3.32 (10.9)
7.5 m (24.6 ft)	kg lb			*7890 *17390	*7890 *17390	*6450 *14220	*6450 *14220					*4880 *10760	*4880 *10760	5.55 (18.2)
6.0 m (19.7 ft)	kg lb			*7600 *16760	*7600 *16760	*6570 *14480	*6570 *14480	*5250 *11570	*5250 *11570			*4360 *9610	*4360 *9610	6.78 (22.2)
4.5 m (14.8 ft)	kg lb			*11890 *26210	*11890 *26210	*7440 *16400	*7440 *16400	*5490 *12100	*5490 *12100	*4350 *9590	3940 8690	*4200 *9260	3930 8660	7.51 (24.6)
3.0 m (9.8 ft)	kg lb					*9080 *20020	8270 18230	*6040 *13320	5410 11930	*4580 *10100	3870 8530	*4230 *9330	3560 7850	7.90 (25.9)
1.5 m (4.9 ft)	kg lb					*9310 *20530	7750 17090	*6750 *14880	5170 11400	*4790 *10560	3760 8290	*4420 *9740	3440 7580	7.98 (26.2)
0.0 m (0.0 ft)	kg lb					*8590 *18940	7520 16580	*6470 *14260	5010 11050	*4760 *10490	3700 8160	*4340 *9570	3520 7760	7.78 (25.5)
-1.5 m (-4.9 ft)	kg lb			*7720 *17020	*7720 *17020	*7080 *15610	*7080 *15610	*5440 *11990	4970 10960			*3730 *8220	*3730 *8220	7.27 (23.8)
-3.0 m (-9.8 ft)	kg lb					*4700 *10360	*4700 *10360	*3300 *7280	*3300 *7280					

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.

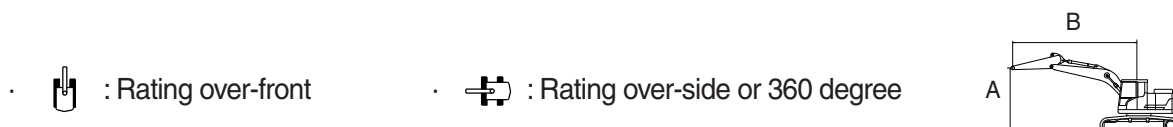
Lifting capacities will vary with different work tools, ground conditions and attachments.













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		Outtriger	
HX235A LCR	2 PCS BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5650	2400	5300	600	-	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)
9.0 m (29.5 ft)	kg lb			*7900 *17420	*7900 *17420							*6590 *14530	*6590 *14530	3.32 (10.9)
7.5 m (24.6 ft)	kg lb			*7890 *17390	*7890 *17390	*6450 *14220	*6450 *14220					*4880 *10760	*4880 *10760	5.55 (18.2)
6.0 m (19.7 ft)	kg lb			*7600 *16760	*7600 *16760	*6570 *14480	*6570 *14480	*5250 *11570	*5250 *11570			*4360 *9610	*4360 *9610	6.78 (22.2)
4.5 m (14.8 ft)	kg lb			*11890 *26210	*11890 *26210	*7440 *16400	*7440 *16400	*5490 *12100	5330 11750	*4350 *9590	3710 8180	*4200 *9260	3690 8140	7.51 (24.6)
3.0 m (9.8 ft)	kg lb					*9080 *20020	7730 17040	*6040 *13320	5080 11200	*4580 *10100	3630 8000	*4230 *9330	3340 7360	7.90 (25.9)
1.5 m (4.9 ft)	kg lb					*9310 *20530	7220 15920	*6750 *14880	4840 10670	*4790 *10560	3530 7780	*4420 *9740	3220 7100	7.98 (26.2)
0.0 m (0.0 ft)	kg lb					*8590 *18940	7000 15430	*6470 *14260	4690 10340	*4760 *10490	3470 7650	*4340 *9570	3300 7280	7.78 (25.5)
-1.5 m (-4.9 ft)	kg lb			*7720 *17020	*7720 *17020	*7080 *15610	6980 15390	*5440 *11990	4650 10250			*3730 *8220	3630 8000	7.27 (23.8)
-3.0 m (-9.8 ft)	kg lb					*4700 *10360	*4700 *10360	*3300 *7280	*3300 *7280					

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.

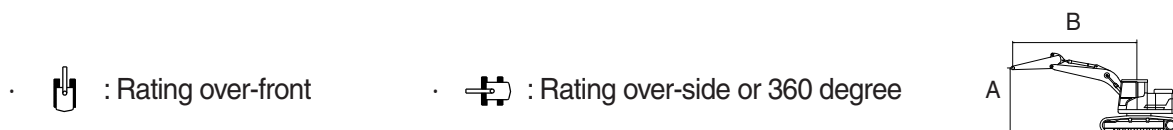
Lifting capacities will vary with different work tools, ground conditions and attachments.













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		Outtriger	
HX235A LCR	2 PCS BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5650	2920	5300	600	-	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)
9.0 m (29.5 ft)	kg lb			*6690 *14750	*6690 *14750							*3930 *8660	*3930 *8660	4.40 (14.4)
7.5 m (24.6 ft)	kg lb			*6080 *13400	*6080 *13400	*5960 *13140	*5960 *13140	*4360 *9610	*4360 *9610			*3130 *6900	*3130 *6900	6.25 (20.5)
6.0 m (19.7 ft)	kg lb			*5760 *12700	*5760 *12700	*6100 *13450	*6100 *13450	*4900 *10800	*4900 *10800			*2830 *6240	*2830 *6240	7.36 (24.1)
4.5 m (14.8 ft)	kg lb			*9130 *20130	*9130 *20130	*6830 *15060	*6830 *15060	*5160 *11380	*5160 *11380	*4170 *9190	3990 8800	*2730 *6020	*2730 *6020	8.04 (26.4)
3.0 m (9.8 ft)	kg lb					*8480 *18700	8420 18560	*5690 *12540	5450 12020	*4330 *9550	3880 8550	*2750 *6060	*2750 *6060	8.40 (27.6)
1.5 m (4.9 ft)	kg lb					*9250 *20390	7830 17260	*6400 *14110	5180 11420	*4580 *10100	3740 8250	*2870 *6330	*2870 *6330	8.48 (27.8)
0.0 m (0.0 ft)	kg lb			*6080 *13400	*6080 *13400	*8880 *19580	7500 16530	*6590 *14530	4980 10980	*4820 *10630	3650 8050	*3130 *6900	*3130 *6900	8.29 (27.2)
-1.5 m (-4.9 ft)	kg lb			*9500 *20940	*9500 *20940	*7660 *16890	7410 16340	*5800 *12790	4900 10800	*4090 *9020	3620 7980	*3590 *7910	3450 7610	7.81 (25.6)
-3.0 m (-9.8 ft)	kg lb			*6440 *14200	*6440 *14200	*5610 *12370	*5610 *12370	*4170 *9190	*4170 *9190			*2760 *6080	*2760 *6080	6.98 (22.9)

Note 1. Lifting capacity are based on ISO 10567.

2. Lifting capacity of the HX series does not exceed 75% of tipping load with the machine on firm, level ground or 87% of full hydraulic capacity.

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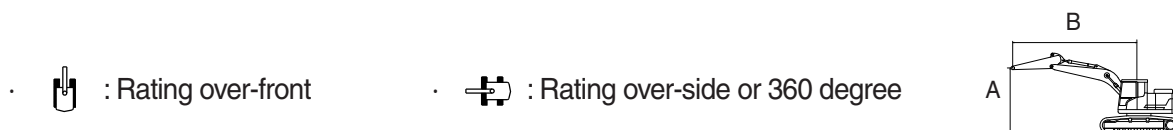
Lifting capacities will vary with different work tools, ground conditions and attachments.

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

Consult 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		Outtriger	
HX235A LCR	2 PCS BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5650	2920	5300	600	-	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)
9.0 m (29.5 ft)	kg lb			*6690 *14750	*6690 *14750							*3930 *8660	*3930 *8660	4.40 (14.4)
7.5 m (24.6 ft)	kg lb			*6080 *13400	*6080 *13400	*5960 *13140	*5960 *13140	*4360 *9610	*4360 *9610			*3130 *6900	*3130 *6900	6.25 (20.5)
6.0 m (19.7 ft)	kg lb			*5760 *12700	*5760 *12700	*6100 *13450	*6100 *13450	*4900 *10800	*4900 *10800			*2830 *6240	*2830 *6240	7.36 (24.1)
4.5 m (14.8 ft)	kg lb			*9130 *20130	*9130 *20130	*6830 *15060	*6830 *15060	*5160 *11380	*5160 *11380	*4170 *9190	3750 8270	*2730 *6020	*2730 *6020	8.04 (26.4)
3.0 m (9.8 ft)	kg lb					*8480 *18700	7880 17370	*5690 *12540	5120 11290	*4330 *9550	3640 8020	*2750 *6060	*2750 *6060	8.40 (27.6)
1.5 m (4.9 ft)	kg lb					*9250 *20390	7290 16070	*6400 *14110	4850 10690	*4580 *10100	3510 7740	*2870 *6330	*2870 *6330	8.48 (27.8)
0.0 m (0.0 ft)	kg lb			*6080 *13400	*6080 *13400	*8880 *19580	6970 15370	*6590 *14530	4660 10270	*4820 *10630	3410 7520	*3130 *6900	2970 6550	8.29 (27.2)
-1.5 m (-4.9 ft)	kg lb			*9500 *20940	*9500 *20940	*7660 *16890	6880 15170	*5800 *12790	4580 10100	*4090 *9020	3390 7470	*3590 *7910	3230 7120	7.81 (25.6)
-3.0 m (-9.8 ft)	kg lb			*6440 *14200	*6440 *14200	*5610 *12370	*5610 *12370	*4170 *9190	*4170 *9190			*2760 *6080	*2760 *6080	6.98 (22.9)

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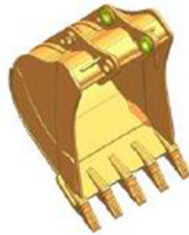
▲ Failure to comply to the rated load can cause serious injury, death, or property damage. Make adjustments to the rated load as necessary for non-standard configurations.

## 6. BUCKET SELECTION GUIDE

### 1) BUCKET SELECTION



General bucket



Heavy duty  
(without side cutter)



Heavy duty  
(with side cutter)

Type	Capacity		Width	Weight	Tooth	MONO			2-PIECE		
	SAE Heaped	CECE heaped	Without side cutter			Recommendation      mm (ft-in)					
						5.68 m (18' 8") Boom			5.65 m (18' 6") Boom		
						m³ (yd³)	m³ (yd³)	mm (in)	kg (lb)	EA	2.0 m (6' 7") Arm
General bucket	0.80 (1.05)	0.70 (0.92)	1,000 (39")	770 (1,700)	5	●	●	●	●	●	●
	0.87 (1.14)	0.75 (0.98)	1,090 (43")	805 (1,770)	5	●	●	●	●	●	●
	0.92 (1.20)	0.80 (1.05)	1,150 (45")	820 (1,810)	5	●	●	◐	●	●	◐
	1.34 (1.75)	1.15 (1.50)	1,550 (61")	990 (2,180)	6	■	■	▲	■	■	▲
Heavy duty	0.90 (1.18)	0.80 (1.05)	1,095 (43")	880 (1,940)	5	●	●	◐	●	●	◐
	★0.85 (1.11)	1.00 (1.31)	1,410 (56")	860 (1,900)	4	●	●	●	●	●	●
	★1.00 (1.31)	0.92 (1.20)	1,290 (51")	945 (2,080)	5	●	◐	◐	●	●	◐
	★1.15 (1.50)	0.75 (0.98)	1,140 (45")	1,030 (2,270)	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

#### ★ Heavy duty (with side cutter)

※ These recommendations are for general conditions and average use.

Work tools and ground conditions have effects on machine performance.

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

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

## 7. UNDERCARRIAGE

### 1) TYPES OF SHOES

Model	Description	Unit		Triple grouser							
	width	mm	(in)	600	(24)	700	(32)	800	(32)	900	(32)
HX235A LCR without dozer	Operating weight	kg	(lb)	24480	53970	24780	54630	25070	55270	22990	50680
	Ground pressure	kgf/cm <sup>2</sup>	(psi)	0.47	6.68	0.41	5.83	0.36	5.12	0.33	4.65
	Overall width	mm	(ft-in)	2990	( 9' 10" )	3090	( 10' 2" )	3190	( 10' 6" )	3190	( 10' 6" )
	Link quantity	EA		49		49		49		49	
HX235A LCR with dozer	Operating weight	kg	(lb)	25980	57280	26280	57940	26570	58580	-	-
	Ground pressure	kgf/cm <sup>2</sup>	(psi)	0.50	7.09	0.43	6.18	0.38	5.43	-	-
	Overall width	mm	(ft-in)	2990	( 9' 10" )	3090	( 10' 2" )	3190	( 10' 6" )	-	-
	Link quantity	EA		49		49		49		-	
HX235A LCR 2 pcs without dozer	Operating weight	kg	(lb)	25210	55580	25510	56240	25800	56880	-	-
	Ground pressure	kgf/cm <sup>2</sup>	(psi)	0.48	6.88	0.42	6.00	0.37	5.27	-	-
	Overall width	mm	(ft-in)	2990	( 9' 10" )	3090	( 10' 2" )	3190	( 10' 6" )	-	-
	Link quantity	EA		49		49		49		-	
HX235A LCR 2 pcs with dozer	Operating weight	kg	(lb)	26690	58840	27010	59550	27310	60210	24910	54920
	Ground pressure	kgf/cm <sup>2</sup>	(psi)	0.51	7.31	0.45	6.34	0.39	5.61	0.35	5.04
	Overall width	mm	(ft-in)	2990	( 9' 10" )	3090	( 10' 2" )	3190	( 10' 6" )	3290	( 10' 10" )
	Link quantity	EA		49		49		49		49	

### 2) SELECTION OF TRACK SHOE

Suitable track shoes should be selected according to operating conditions.

#### Method of selecting shoes

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

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

**Table 1**

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

**Table 2**

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

## 8. SPECIFICATIONS FOR MAJOR COMPONENTS

### 1) ENGINE

Item	Specification
Maker / Model	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 2,200 rpm
Net power	170 hp (127 kW) at 2,200 rpm
Max. power	195 hp (145 kW) at 2,000 rpm
Peak Torque	881 N·m (650 lb·ft) at 1,300 rpm
Engine oil quantity	23.7 ℓ (6.3 U.S. gal)
Wet weight	583 kg (1290 lb)
Starter motor	24 V-4.8 kW
Alternator	24 V-95 A

### 2) MAIN PUMP

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

[    ] : Power boost

### 3) GEAR PUMP

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

### 4) MAIN CONTROL VALVE

Item		Specification
Type		10 spools two-block
Operating method		Hydraulic pilot system
Main relief valve pressure		350 kgf/cm <sup>2</sup> (4980 psi) [380 kgf/cm <sup>2</sup> (5400 psi)]
Port relief valve pressure	Boom	400 kgf/cm <sup>2</sup> (5690 psi)
	Arm	400 kgf/cm <sup>2</sup> (5690 psi)
	Bucket	400 kgf/cm <sup>2</sup> (5690 psi)

[ ] : Power boost

### 5) SWING MOTOR

Item	Specification
Type	Axial piston motor
Capacity	142.8 cc/rev
Relief pressure	285 kgf/cm <sup>2</sup> (3770 psi)
Braking system	Automatic, spring applied hydraulic released
Braking torque	63.3 kgf · m (900 lbf · ft) over
Brake release pressure	20.9~35.5 kgf/cm <sup>2</sup> (151~257 psi) over
Reduction gear type	2 - stage planetary

### 6) TRAVEL MOTOR

Item	Specification
Type	Variable displacement axial piston motor
Capacity	171.2/108.5 cc/rev
Relief pressure	350 kgf/cm <sup>2</sup> (4980 psi)
Braking system	Automatic, spring applied hydraulic released
Braking torque	65.1 kgf · m (471 lbf · ft)
Brake release pressure	12.8~15.4 kgf/cm <sup>2</sup> (182~219 psi)
Reduction gear type	2-stage planetary

## 7) CYLINDER

Item		Specification
Boom cylinder	Bore dia × Stroke	Ø 120 × 1290 mm
	Cushion	Extend only
Arm cylinder	Bore dia × Stroke	Ø 140 × 1510 mm
	Cushion	Extend and retract
Bucket cylinder	Bore dia × Stroke	Ø 120 × 1055 mm
	Cushion	Extend only
Dozer cylinder (opt)	Bore dia × Stroke	Ø 130 × 240 mm
	Cushion	Extend only

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

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

## 9. RECOMMENDED OILS

HD Hyundai Construction Equipment genuine lubricating oils have been developed to offer the best performance and service life for your equipment. These oils have been tested according to the specifications of HD Hyundai Construction Equipment and, therefore, will meet the highest safety and quality requirements. We recommend that you use only HD Hyundai Construction Equipment genuine lubricating oils and grease officially approved by HD Hyundai Construction Equipment.

Service point	Kind of fluid	Capacity ℓ (U.S. gal)	Ambient temperature °C ( °F)							
			-50 (-58)	-30 (-22)	-20 (-4)	-10 (14)	0 (32)	10 (50)	20 (68)	30 (86)
Engine oil pan	Engine oil	23.7 (6.3)	★SAE 0W-30							
			SAE 5W-30							
			SAE 10W-30							
			SAE CI-4 and 10W-30							
			SAE 5W-40 or 15W-40							
DEF/ AdBlue® tank	Mixture of urea and deionized water	48 (12.6)	ISO 22241, High-purity urea + deionized water (32.5:67.5)							
Swing drive	Gear oil	7.0 (1.8)	★SAE 75W-90							
Final drive		6.0×2 (1.6×2)	SAE 80W-90							
Hydraulic tank	Hydraulic oil	Tank : 160 (42.3)	★ISO VG 15							
			ISO VG 32							
		System : 330 (87.2)	ISO VG 46, HBHO 46★ <sup>3</sup>							
			ISO VG 68							
Fuel tank	Diesel fuel	320 (84.5)	★ASTM D975 NO.1							
			ASTM D975 NO.2							
Fitting (grease nipple)	Grease	As required	★NLGI NO.1							
			NLGI NO.2							
Radiator (reservoir tank)	Mixture of antifreeze and soft water★ <sup>1</sup>	30 (7.9)	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 ≤ 15 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 HD Hyundai Construction Equipment dealer.