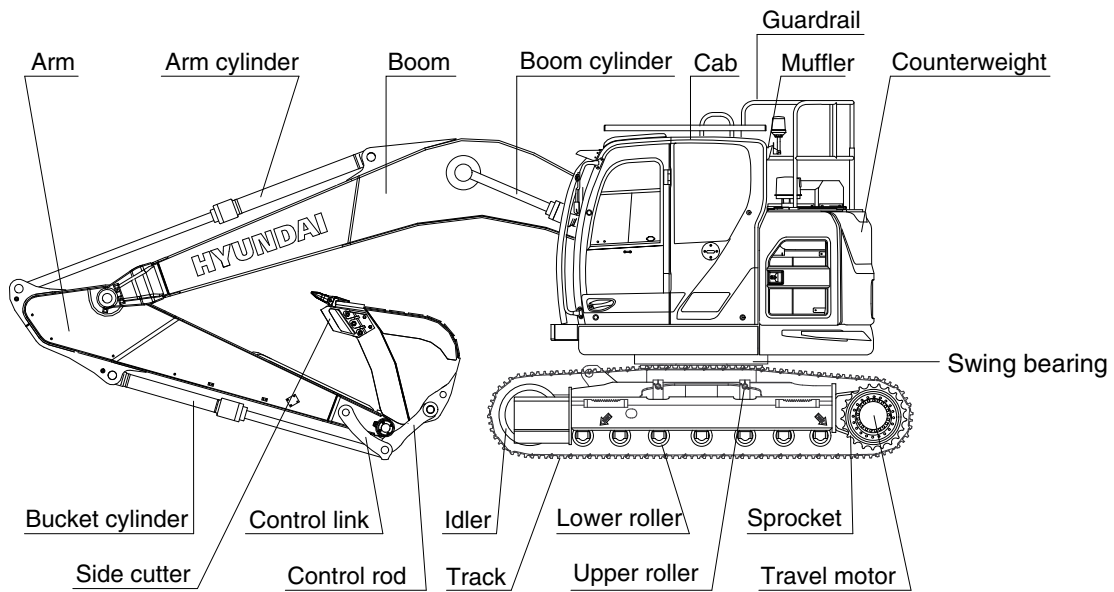
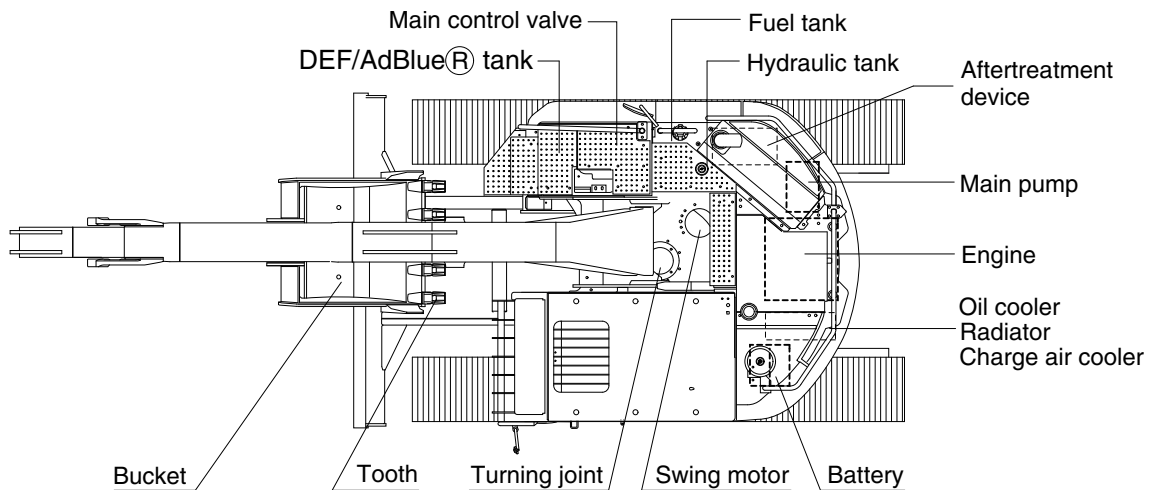


SPECIFICATIONS

(Machine Serial No. -#0836)

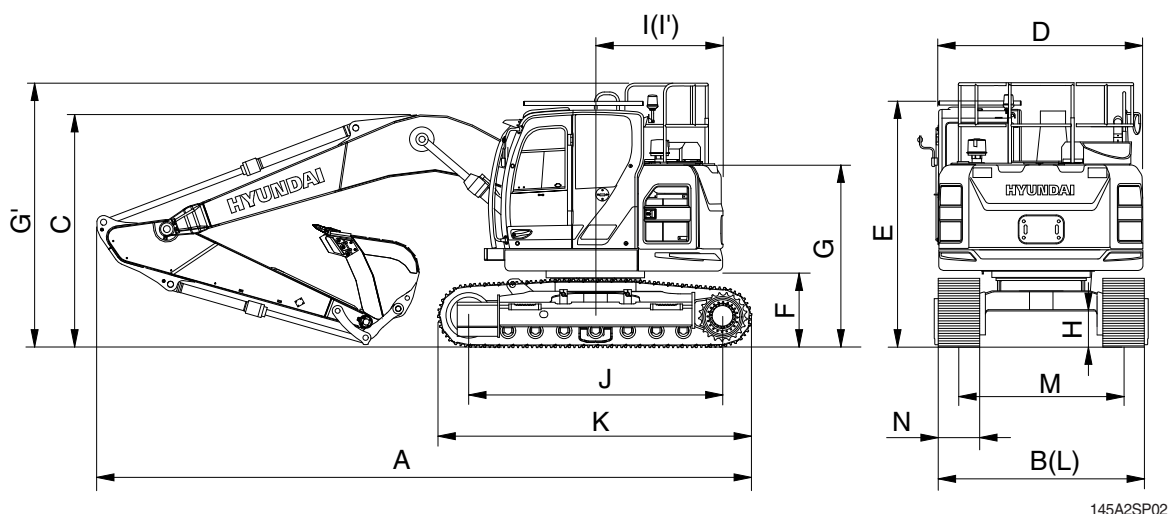
1. MAJOR COMPONENT



145A2SP01

2. SPECIFICATIONS

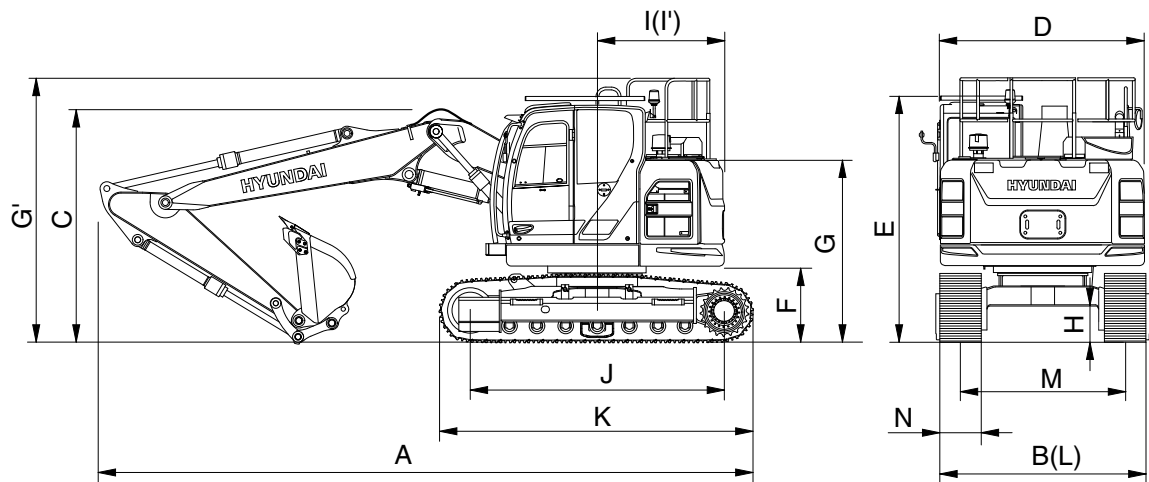
1) HX145A LCR, MONO BOOM



145A2SP02

Description		Unit		Specification			
		m (ft-in)	Boom	4.6 (15' 1")			4.6 (15' 1")
			Arm	2.5 (8' 2")	2.1 (6' 11")	3.0 (9' 10")	1.9 (6' 3")
			Shoe	600 (24)			
Operating weight		kg (lb)		15430 (34020)	15365 (33870)	15430 (34020)	15295 (33720)
Overall length	A	mm (ft-in)		6965 (22' 10")	6990 (22' 11")	6885 (22' 7")	6490 (21' 4")
Overall width	B			2590 (8' 6")	2590 (8' 6")	2590 (8' 6")	2590 (8' 6")
Overall width with add footboard	B'			2590 (8' 6")	2590 (8' 6")	2590 (8' 6")	2590 (8' 6")
Overall height of boom	C			2925 (9' 7")	2895 (9' 6")	3260 (10' 8")	3005 (9' 10")
Overall width of upper structure	D			2484 (8' 2")	2484 (8' 2")	2484 (8' 2")	2484 (8' 2")
Overall height of cab	E			2835 (9' 4")	2835 (9' 4")	2835 (9' 4")	2835 (9' 4")
Ground clearance of counterweight	F			918 (3' 0")	918 (3' 0")	918 (3' 0")	918 (3' 0")
Overall height of engine hood	G			2485 (8' 2")	2485 (8' 2")	2485 (8' 2")	2485 (8' 2")
Overall height of guardrail	G'			3105 (10' 2")	3105 (10' 2")	3105 (10' 2")	3105 (10' 2")
Minimum ground clearance	H			429 (1' 5")	429 (1' 5")	429 (1' 5")	429 (1' 5")
Rear-end distance	I			1530 (5' 0")	1530 (5' 0")	1530 (5' 0")	1530 (5' 0")
Rear-end swing radius	I'			1530 (5' 0")	1530 (5' 0")	1530 (5' 0")	1530 (5' 0")
Distance between tumblers	J			3090 (10' 2")	3090 (10' 2")	3090 (10' 2")	3090 (10' 2")
Undercarriage length (without grouser)	K			3786 (12' 5")	3786 (12' 5")	3786 (12' 5")	3786 (12' 5")
Undercarriage length (with grouser)	K			3836 (12' 7")	3836 (12' 7")	3836 (12' 7")	3836 (12' 7")
Undercarriage width	L			2590 (8' 6")	2590 (8' 6")	2590 (8' 6")	2590 (8' 6")
Undercarriage width with add footboard	L			2590 (8' 6")	2590 (8' 6")	2590 (8' 6")	2590 (8' 6")
Track gauge	M			1990 (6' 6")	1990 (6' 6")	1990 (6' 6")	1990 (6' 6")
Track shoe width, standard	N			600 (2' 0")	600 (2' 0")	600 (2' 0")	600 (2' 0")
Track shoe link quantity		EA		47	47	47	47
Travel speed (low/high)		km/hr (mph)		3.3/5.6 (2.1/3.5)	3.3/5.6 (2.1/3.5)	3.3/5.6 (2.1/3.5)	3.3/5.6 (2.1/3.5)
Swing speed		rpm		11.4	11.4	11.4	11.4
Gradeability		Degree (%)		35 (70)	35 (70)	35 (70)	35 (70)
Ground pressure		kgf/cm ² (psi)		0.39 (5.48)	0.38 (5.46)	0.39 (5.48)	0.38 (5.43)
Max traction force		kg (lb)		12672 (27940)	12672 (27940)	12672 (27940)	12672 (27940)

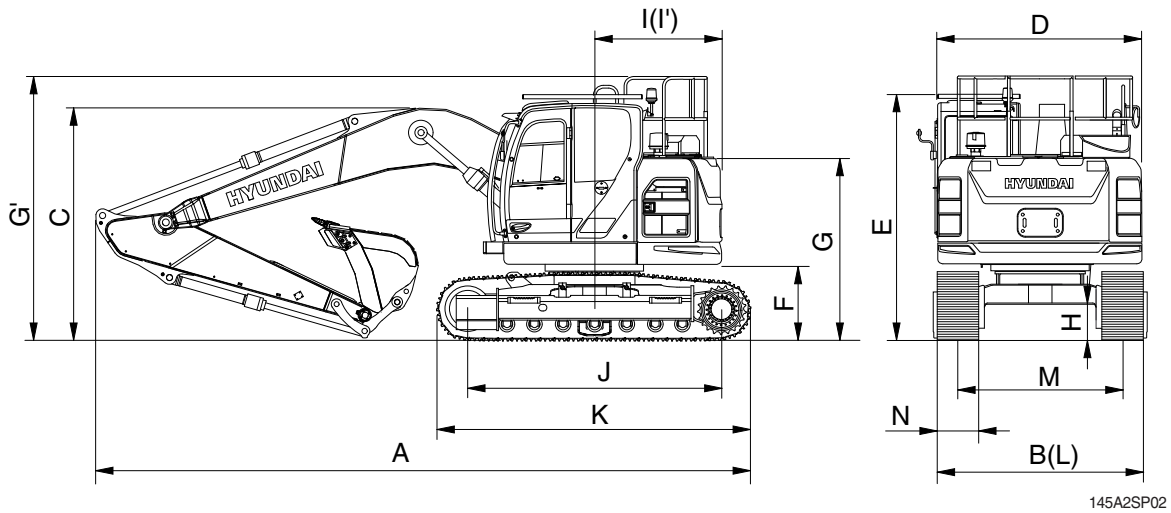
2) HX145A LCR, 2-PIECE BOOM



145A2SP03

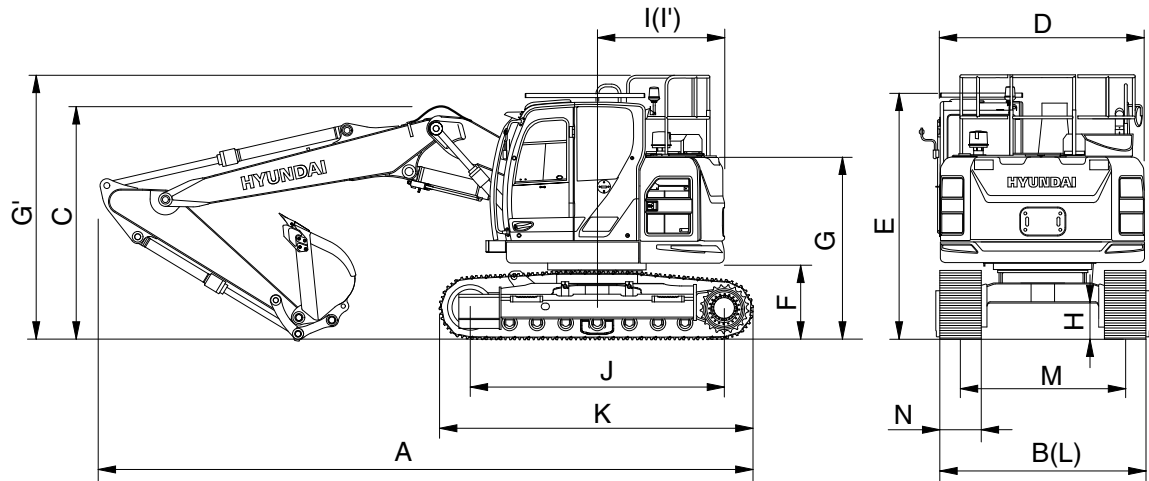
Description	Unit		Specification	
	m (ft-in)	Boom	4.9 (16' 1")	
		Arm	2.5 (8' 2")	2.1 (6' 11")
	mm (in)	Shoe	600 (24)	
Operating weight	kg (lb)		15845 (34930)	15780 (34790)
Overall length	A	mm (ft-in)	7290 (23' 11")	7310 (24' 0")
Overall width	B		2590 (8' 6")	2590 (8' 6")
Overall width with add footboard	B'		2590 (8' 6")	2590 (8' 6")
Overall height of boom	C		2670 (8' 9")	2660 (8' 9")
Overall width of upper structure	D		2484 (8' 2")	2484 (8' 2")
Overall height of cab	E		2835 (9' 4")	2835 (9' 4")
Ground clearance of counterweight	F		918 (3' 0")	918 (3' 0")
Overall height of engine hood	G		2485 (8' 2")	2485 (8' 2")
Overall height of guardrail	G'		3105 (10' 2")	3105 (10' 2")
Minimum ground clearance	H		429 (1' 5")	429 (1' 5")
Rear-end distance	I		1530 (5' 0")	1530 (5' 0")
Rear-end swing radius	I'		1530 (5' 0")	1530 (5' 0")
Distance between tumblers	J		3090 (10' 2")	3090 (10' 2")
Undercarriage length (without grouser)	K		3786 (12' 5")	3786 (12' 5")
Undercarriage length (with grouser)	K'		3836 (12' 7")	3836 (12' 7")
Undercarriage width	L		2590 (8' 6")	2590 (8' 6")
Undercarriage width with add footboard	L'		2590 (8' 6")	2590 (8' 6")
Track gauge	M		1990 (6' 6")	1990 (6' 6")
Track shoe width, standard	N		600 (2' 0")	600 (2' 0")
Track shoe link quantity	EA		43	43
Travel speed (low/high)	km/hr (mph)		3.3/5.6 (2.1/3.5)	3.3/5.6 (2.1/3.5)
Swing speed	rpm		11.4	11.4
Gradeability	Degree (%)		35 (70)	35 (70)
Ground pressure	kgf/cm ² (psi)		0.40 (5.63)	0.39 (5.6)
Max traction force	kg (lb)		12672 (27940)	12672 (27940)

3) HX145A HW, MONO BOOM



Description	Unit		Specification			
	m (ft-in)	Boom	4.6 (15' 1")			4.1 (13' 5")
		Arm	2.5 (8' 2")	2.1 (6' 11")	3.0 (9' 10")	1.9 (6' 3")
		Shoe	800 (32)			
Operating weight		kg (lb)	18120 (39950)	18055 (39800)	18165 (40050)	17980 (39640)
Overall length	A	mm (ft-in)	6965 (22' 10")	6990 (22' 11")	6885 (22' 7")	6490 (21' 4")
Overall width	B		2840 (9' 4")	2840 (9' 4")	2840 (9' 4")	2840 (9' 4")
Overall width with add footboard	B'		2840 (9' 4")	2840 (9' 4")	2840 (9' 4")	2840 (9' 4")
Overall height of boom	C		2930 (9' 7")	2940 (9' 8")	3275 (10' 9")	3055 (10' 0")
Overall width of upper structure	D		2484 (8' 2")	2484 (8' 2")	2484 (8' 2")	2484 (8' 2")
Overall height of cab	E		3155 (10' 4")	3155 (10' 4")	3155 (10' 4")	3155 (10' 4")
Ground clearance of counterweight	F		1193 (3' 11")	1193 (3' 11")	1193 (3' 11")	1193 (3' 11")
Overall height of engine hood	G		2760 (9' 1")	2760 (9' 1")	2760 (9' 1")	2760 (9' 1")
Overall height of guardrail	G'		3380 (11' 1")	3380 (11' 1")	3380 (11' 1")	3380 (11' 1")
Minimum ground clearance	H		603 (2' 0")	603 (2' 0")	603 (2' 0")	603 (2' 0")
Rear-end distance	I		1530 (5' 0")	1530 (5' 0")	1530 (5' 0")	1530 (5' 0")
Rear-end swing radius	I'		1530 (5' 0")	1530 (5' 0")	1530 (5' 0")	1530 (5' 0")
Distance between tumblers	J		3030 (9' 11")	3030 (9' 11")	3030 (9' 11")	3030 (9' 11")
Undercarriage length (without grouser)	K		3770 (12' 4")	3770 (12' 4")	3770 (12' 4")	3770 (12' 4")
Undercarriage length (with grouser)	K		3820 (12' 6")	3820 (12' 6")	3820 (12' 6")	3820 (12' 6")
Undercarriage width	L		2840 (9' 4")	2840 (9' 4")	2840 (9' 4")	2840 (9' 4")
Undercarriage width with add footboard	L		2840 (9' 4")	2840 (9' 4")	2840 (9' 4")	2840 (9' 4")
Track gauge	M		2040 (6' 8")	2040 (6' 8")	2040 (6' 8")	2040 (6' 8")
Track shoe width, standard	N		800 (2' 7")	800 (2' 7")	800 (2' 7")	800 (2' 7")
Track shoe link quantity		EA	47	47	47	47
Travel speed (low/high)		km/hr (mph)	2.5/4.4 (1.6/2.7)	2.5/4.4 (1.6/2.7)	2.5/4.4 (1.6/2.7)	2.5/4.4 (1.6/2.7)
Swing speed		rpm	11.4	11.4	11.4	11.4
Gradeability		Degree (%)	35 (70)	35 (70)	35 (70)	35 (70)
Ground pressure		kgf/cm ² (psi)	0.34 (4.89)	0.34 (4.88)	0.35 (4.91)	0.34 (4.85)
Max traction force		kg (lb)	16717 (36850)	16717 (36850)	16717 (36850)	16717 (36850)

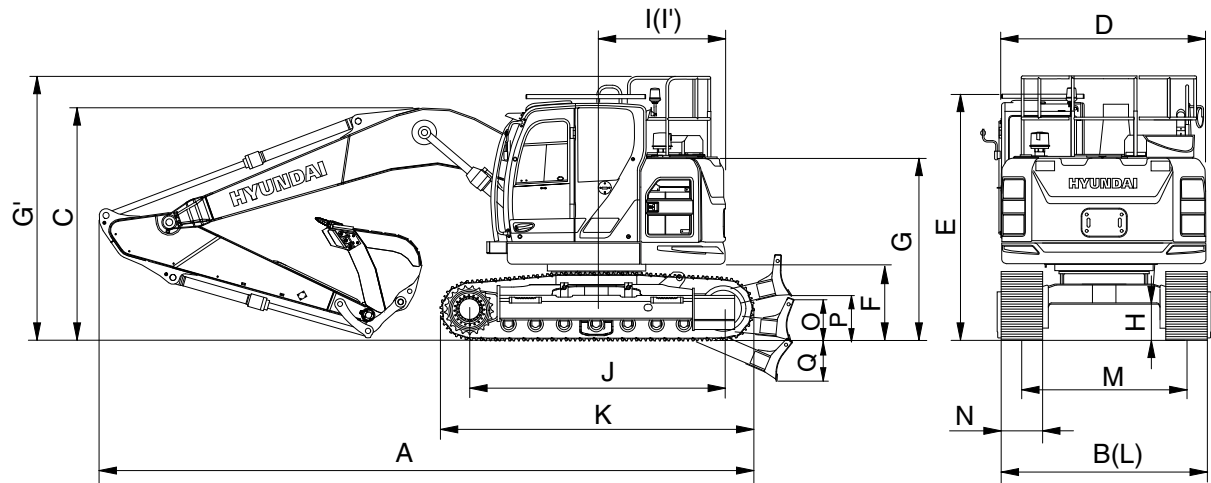
4) HX145A HW, 2-PIECE BOOM



145A2SP03

Description	Unit		Specification	
	m (ft-in)	Boom	4.9 (16' 1")	
		Arm	2.5 (8' 2")	2.1 (6' 11")
	mm (in)	Shoe	800 (32)	
Operating weight	kg (lb)		18530 (40850)	18465 (40710)
Overall length	A	mm (ft-in)	7290 (23' 11")	7310 (24' 0")
Overall width	B		2840 (9' 4")	2840 (9' 4")
Overall width with add footboard	B'		2840 (9' 4")	2840 (9' 4")
Overall height of boom	C		2790 (9' 2")	2785 (9' 2")
Overall width of upper structure	D		2484 (8' 2")	2484 (8' 2")
Overall height of cab	E		3155 (10' 4")	3155 (10' 4")
Ground clearance of counterweight	F		1193 (3' 11")	1193 (3' 11")
Overall height of engine hood	G		2760 (9' 1")	2760 (9' 1")
Overall height of guardrail	G'		3380 (11' 1")	3380 (11' 1")
Minimum ground clearance	H		603 (2' 0")	603 (2' 0")
Rear-end distance	I		1530 (5' 0")	1530 (5' 0")
Rear-end swing radius	I'		1530 (5' 0")	1530 (5' 0")
Distance between tumblers	J		3030 (9' 11")	3030 (9' 11")
Undercarriage length (without grouser)	K		3770 (12' 4")	3770 (12' 4")
Undercarriage length (with grouser)	K'		3820 (12' 6")	3820 (12' 6")
Undercarriage width	L		2840 (9' 4")	2840 (9' 4")
Undercarriage width with add footboard	L'		2840 (9' 4")	2840 (9' 4")
Track gauge	M		2040 (6' 8")	2040 (6' 8")
Track shoe width, standard	N		800 (2' 7")	800 (2' 7")
Track shoe link quantity	EA		47	47
Travel speed (low/high)	km/hr (mph)		2.5/4.4 (1.6/2.7)	2.5/4.4 (1.6/2.7)
Swing speed	rpm		11.4	11.4
Gradeability	Degree (%)		35 (70)	35 (70)
Ground pressure	kgf/cm ² (psi)		0.35 (5.01)	0.35 (4.98)
Max traction force	kg (lb)		16717 (36850)	16717 (36850)

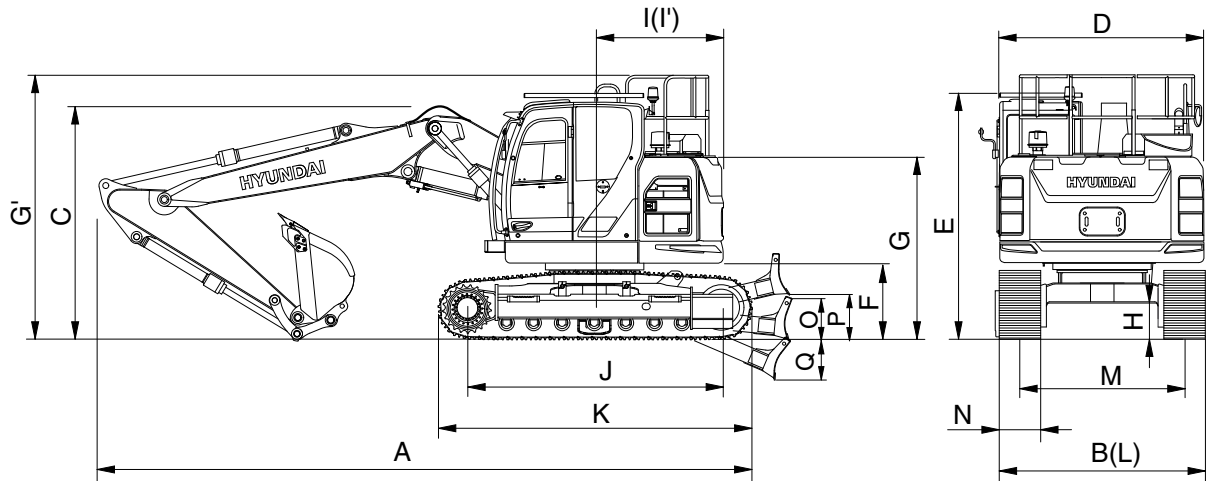
5) HX145A LCRD, MONO BOOM



145A2SP04

Description	Unit		Specification			
	m (ft-in)	Boom	4.6 (15' 1")			4.1 (13' 5")
		Arm	2.5 (8' 2")	2.1 (6' 11")	3.0 (9' 10")	1.9 (6' 3")
	mm (in)	Shoe	600 (24)			
Operating weight	kg (lb)		16240 (35800)	16175 (35660)	16290 (35910)	16100 (35490)
Overall length	A	mm (ft-in)	6965 (22' 10")	6990 (22' 11")	6885 (22' 7")	6490 (21' 4")
Overall width	B		2590 (8' 6")	2590 (8' 6")	2590 (8' 6")	2590 (8' 6")
Overall width with add footboard	B'		2590 (8' 6")	2590 (8' 6")	2590 (8' 6")	2590 (8' 6")
Overall height of boom	C		2925 (9' 7")	2895 (9' 6")	3260 (10' 8")	3005 (9' 10")
Overall width of upper structure	D		2484 (8' 2")	2484 (8' 2")	2484 (8' 2")	2484 (8' 2")
Overall height of cab	E		2835 (9' 4")	2835 (9' 4")	2835 (9' 4")	2835 (9' 4")
Ground clearance of counterweight	F		918 (3' 0")	918 (3' 0")	918 (3' 0")	918 (3' 0")
Overall height of engine hood	G		2485 (8' 2")	2485 (8' 2")	2485 (8' 2")	2485 (8' 2")
Overall height of guardrail	G'		3105 (10' 2")	3105 (10' 2")	3105 (10' 2")	3105 (10' 2")
Minimum ground clearance	H		282 (0' 11")	282 (0' 11")	282 (0' 11")	282 (0' 11")
Rear-end distance	I		1530 (5' 0")	1530 (5' 0")	1530 (5' 0")	1530 (5' 0")
Rear-end swing radius	I'		1530 (5' 0")	1530 (5' 0")	1530 (5' 0")	1530 (5' 0")
Distance between tumblers	J		3090 (10' 2")	3090 (10' 2")	3090 (10' 2")	3090 (10' 2")
Undercarriage length (without grouser)	K		3786 (12' 5")	3786 (12' 5")	3786 (12' 5")	3786 (12' 5")
Undercarriage length (with grouser)	K'		3836 (12' 7")	3836 (12' 7")	3836 (12' 7")	3836 (12' 7")
Undercarriage width	L		2590 (8' 6")	2590 (8' 6")	2590 (8' 6")	2590 (8' 6")
Undercarriage width with add footboard	L'		2590 (8' 6")	2590 (8' 6")	2590 (8' 6")	2590 (8' 6")
Track gauge	M		1990 (6' 6")	1990 (6' 6")	1990 (6' 6")	1990 (6' 6")
Track shoe width, standard	N		600 (2' 0")	600 (2' 0")	600 (2' 0")	600 (2' 0")
Height of blade	O		575 (1' 11")	575 (1' 11")	575 (1' 11")	575 (1' 11")
Ground clearance of blade up	P		423 (1' 5")	423 (1' 5")	423 (1' 5")	423 (1' 5")
Depth of blade down	Q		430 (1' 5")	430 (1' 5")	430 (1' 5")	430 (1' 5")
Track shoe link quantity	EA		47	47	47	47
Travel speed (low/high)	km/hr (mph)		3.3/5.6 (2.1/3.5)	3.3/5.6 (2.1/3.5)	3.3/5.6 (2.1/3.5)	3.3/5.6 (2.1/3.5)
Swing speed	rpm		11.4	11.4	11.4	11.4
Gradeability	Degree (%)		35 (70)	35 (70)	35 (70)	35 (70)
Ground pressure	kgf/cm ² (psi)		0.41 (5.76)	0.40 (5.75)	0.41 (5.79)	0.40 (5.72)
Max traction force	kg (lb)		12672 (27940)	12672 (27940)	12672 (27940)	12672 (27940)

6) HX145A LCRD, 2-PIECE BOOM

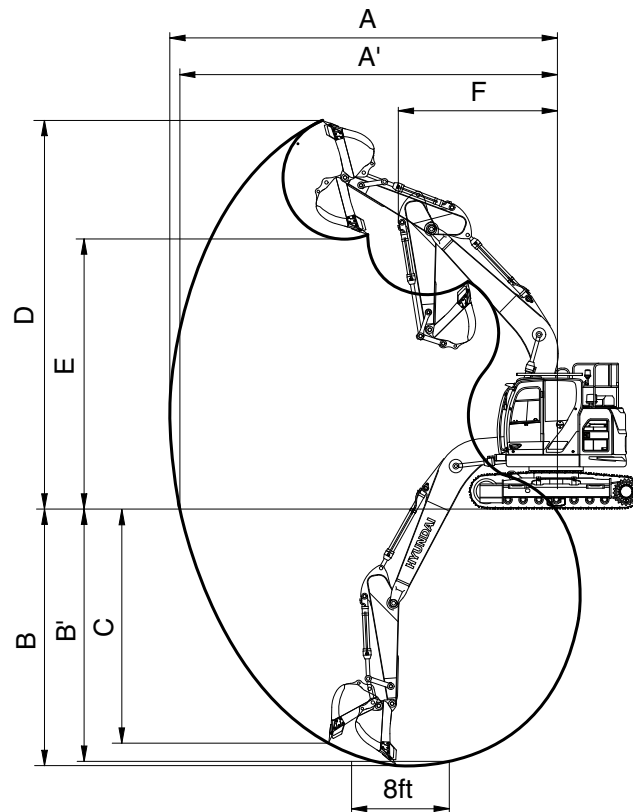


145A2SP05

Description		Unit		Specification	
		m (ft-in)	Boom	4.9 (16' 1")	
			Arm	2.5 (8' 2")	2.1 (6' 11")
		mm (in)	Shoe	600 (24)	
Operating weight		kg (lb)		16650 (36710)	16585 (36560)
Overall length	A	mm (ft-in)		7290 (23' 11")	7310 (24' 0")
Overall width	B			2590 (8' 6")	2590 (8' 6")
Overall width with add footboard	B'			2590 (8' 6")	2590 (8' 6")
Overall height of boom	C			2670 (8' 9")	2660 (8' 9")
Overall width of upper structure	D			2484 (8' 2")	2484 (8' 2")
Overall height of cab	E			2835 (9' 4")	2835 (9' 4")
Ground clearance of counterweight	F			918 (3' 0")	918 (3' 0")
Overall height of engine hood	G			2485 (8' 2")	2485 (8' 2")
Overall height of guardrail	G'			3105 (10' 2")	3105 (10' 2")
Minimum ground clearance	H			282 (0' 11")	282 (0' 11")
Rear-end distance	I			1530 (5' 0")	1530 (5' 0")
Rear-end swing radius	I'			1530 (5' 0")	1530 (5' 0")
Distance between tumblers	J			3090 (10' 2")	3090 (10' 2")
Undercarriage length (without grouser)	K			3786 (12' 5")	3786 (12' 5")
Undercarriage length (with grouser)	K'			3836 (12' 7")	3836 (12' 7")
Undercarriage width	L			2590 (8' 6")	2590 (8' 6")
Undercarriage width with add footboard	L'			2590 (8' 6")	2590 (8' 6")
Track gauge	M			1990 (6' 6")	1990 (6' 6")
Track shoe width, standard	N			600 (2' 0")	600 (2' 0")
Height of blade	O			575 (1' 11")	575 (1' 11")
Ground clearance of blade up	P			423 (1' 5")	423 (1' 5")
Depth of blade down	Q			430 (1' 5")	430 (1' 5")
Track shoe link quantity		EA		47	47
Travel speed (low/high)		km/hr (mph)		3.3/5.6 (2.1/3.5)	3.3/5.6 (2.1/3.5)
Swing speed		rpm		11.4	11.4
Gradeability		Degree (%)		35 (70)	35 (70)
Ground pressure		kgf/cm ² (psi)		0.42 (5.92)	0.41 (5.89)
Max traction force		kg (lb)		12672 (27940)	12672 (27940)

3. WORKING RANGE AND DIGGING FORCE

1) HX145A LCR, MONO BOOM

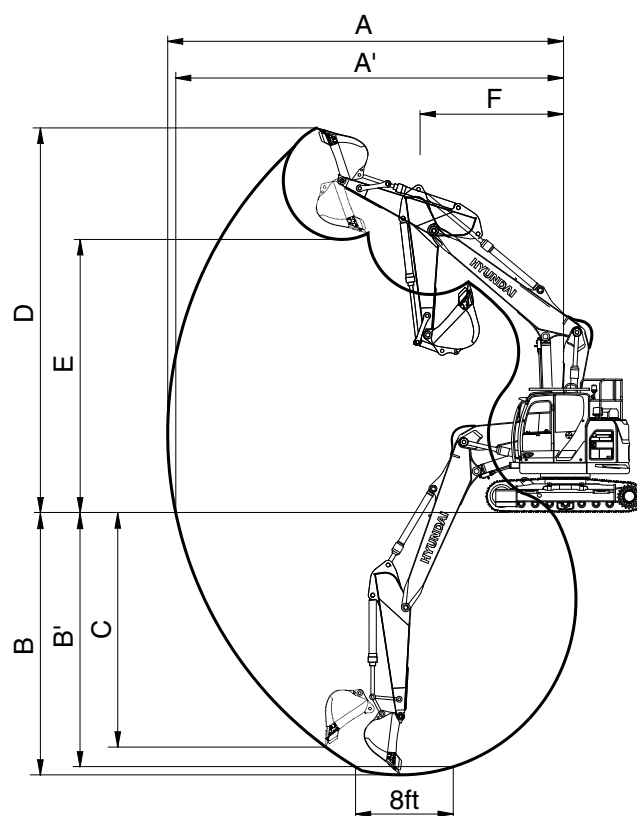


145A2SP06

Description	m (ft-in)	Boom	4.6 (15' 1")			4.1 (13' 6")
		Arm	2.5 (8' 2")	2.1 (6' 11")	3.0 (9' 10")	1.9 (6' 3")
Max digging reach	mm (ft-in)	A	8300 (27' 3")	7890 (25' 11")	8765 (28' 9")	7210 (23' 8")
Max digging reach on ground		A'	8160 (26' 9")	7740 (25' 5")	8630 (28' 4")	7040 (23' 1")
Max digging depth		B	5440 (17' 10")	5040 (16' 6")	5940 (19' 6")	4375 (14' 4")
Max digging depth (8 ft level)		B'	5230 (17' 2")	4800 (15' 9")	5760 (18' 11")	4130 (13' 7")
Max vertical wall digging depth		C	4990 (16' 4")	4590 (15' 1")	5490 (18' 0")	3930 (12' 11")
Max digging height		D	9370 (30' 9")	8990 (29' 6")	9750 (32' 0")	8395 (27' 7")
Max dumping height		E	6880 (22' 7")	6500 (21' 4")	7255 (23' 10")	5900 (19' 4")
Min swing radius		F	2050 (6' 9")	2100 (6' 11")	2330 (7' 8")	2010 (6' 7")
Bucket digging force	kN	SAE	87.9 [95.4]	87.9 [95.4]	87.8 [95.3]	87.8 [95.3]
	kgf		8960 [9730]	8960 [9730]	8956 [9720]	8955 [9720]
	lbf		19754 [21451]	19754 [21451]	19745 [21429]	19742 [21429]
	kN	ISO	102.9 [111.8]	102.9 [111.8]	102.9 [111.7]	102.9 [111.7]
	kgf		10497 [11400]	10497 [11400]	10492 [11390]	10490 [11390]
	lbf		23142 [25133]	23142 [25133]	23131 [25111]	23127 [25111]
Arm digging force	kN	SAE	62.7 [68.1]	73.6 [79.9]	56 [60.8]	82 [89]
	kgf		6396 [6940]	7506 [8150]	5711 [6200]	8360 [9080]
	lbf		14100 [15300]	16547 [17968]	12591 [13669]	18430 [20018]
	kN	ISO	65.4 [71]	77.1 [83.7]	58.1 [63.1]	86.1 [93.6]
	kgf		6665 [7240]	7863 [8540]	5924 [6430]	8785 [9540]
	lbf		14694 [15961]	17334 [18827]	13060 [14176]	19367 [21032]

[] : Power boost

2) HX145A LCR, 2-PIECE BOOM



145A2SP07

Description	m (ft-in)	4.9 (16' 1")		
		Boom		
		Arm	2.5 (8' 2")	2.1 (6' 11")
Max digging reach	mm (ft-in)	A	8680 (28' 6")	8270 (27' 2")
Max digging reach on ground		A'	8540 (28' 0")	8130 (26' 8")
Max digging depth		B	5600 (18' 4")	5190 (17' 0")
Max digging depth (8 ft level)		B'	5490 (18' 0")	5080 (16' 8")
Max vertical wall digging depth		C	5000 (16' 5")	4540 (14' 11")
Max digging height		D	9750 (32' 0")	9370 (30' 9")
Max dumping height		E	7260 (23' 10")	6880 (22' 7")
Min swing radius		F	2250 (7' 5")	2310 (7' 7")
Bucket digging force	kN	SAE	87.9 [95.4]	87.9 [95.4]
	kgf		8960 [9730]	8960 [9730]
	lbf		19754 [21451]	19754 [21451]
	kN	ISO	102.9 [111.8]	102.9 [111.8]
	kgf		10497 [11400]	10497 [11400]
	lbf		23142 [25133]	23142 [25133]
Arm digging force	kN	SAE	62.7 [68.1]	73.6 [79.9]
	kgf		6396 [6940]	7506 [8150]
	lbf		14100 [15300]	16547 [17968]
	kN	ISO	65.4 [71]	77.1 [83.7]
	kgf		6665 [7240]	7863 [8540]
	lbf		14694 [15961]	17334 [18827]

[] : Power boost

4. WEIGHT

Item	Qty	HX 145A LCR		HX 145A LCRD		HX 145A LCR HW	
	EA	kg	lb	kg	lb	kg	lb
Upperstructure assembly							
· Main frame weld assembly	1	1238	2729	1238	2729	1238	2729
· Engine assembly	1	360	794	360	794	360	794
· Aftertreatment assy	1	48	106	48	106	48	106
· Main pump assembly	1	88	194	88	194	88	194
· Main control valve assembly	1	140	309	140	309	140	309
· Swing motor assembly	1	130	287	130	287	130	287
· Hydraulic oil tank WA	1	132	291	132	291	132	291
· Fuel tank WA	1	131	289	131	289	131	289
· Counterweight	1	2800	6173	2800	6173	2800	6173
· Cab assembly	1	450	992	450	992	450	992
Lower chassis assembly							
· Track frame weld assembly	1	1605	3538	1740	3836	2250	4960
· Dozer blade assembly	1	-	-	473	1042	-	-
· Swing bearing	1	214	472	214	472	214	472
· Travel motor assembly	2	278	613	278	613	300	661
· Turning joint	1	56	123	63	139	56	123
· Sprocket	2	40	87	40	87	49	109
· Track recoil spring	2	94	208	94	208	132	291
· Idler	2	105	232	105	232	151	332
· Upper roller	4	19	42	19	42	40	88
· Lower roller	14	35	77	35	77	40	88
· Track Guard (LCR/LCRD:2EA, LCR HW:4EA)	-	36	79	36	79	592	1306
· Track-chain assembly (500 mm, 47 link)	2	942	2077	942	2077	-	-
· Track-chain assembly (600 mm, 47 link)	2	1049	2312	1049	2312	-	-
· Track-chain assembly (700 mm, 47 link)	2	1156	2549	1156	2549	-	-
· Track-chain assembly (700 mm, 47 link)-HW	2	-	-	-	-	1250	2755
· Track-chain assembly (800 mm, 47 link)-HW	2	-	-	-	-	1367	3013
· Track-chain assembly (600 mm, 47 link)-r/pad, bolt on	2	1329	2929	1329	2929	-	-
· Track-chain assembly (500 mm, 47 link)-rubber pad	2	930	2049	930	2049	-	-

※ 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.

Item	Qty	HX 145A LCR		HX 145A LCRD		HX 145A LCR HW	
	EA	kg	lb	kg	lb	kg	lb
Front attachment assembly							
· 4.6 m mono boom assembly	1	831	1832	831	1832	831	1832
· 4.1 m mono boom assembly	1	791	1744	791	1744	791	1744
· 4.9 m 2-piece boom assembly	1	1029	2269	1029	2269	1029	2269
· 2.5 m arm assembly	1	450	992	450	992	450	992
· 2.1 m arm assembly	1	389	858	389	858	389	858
· 3.0 m arm assembly	1	485	1069	485	1069	485	1069
· 1.9 m arm assembly	1	368	811	368	811	368	811
· 2.5 m arm assembly (w/o reinforce)	1	436	961	436	961	436	961
· 3.0 m arm assembly (w/o reinforce)	1	471	1038	471	1038	471	1038
· 0.58 m ³ bucket assembly	1	439	968	439	968	439	968
· 0.52 m ³ bucket assembly	1	406	895	406	895	406	895
· 0.65 m ³ bucket assembly	1	459	1012	459	1012	459	1012
· 0.50 m ³ bucket assembly	1	439	968	439	968	439	968
· 0.61 m ³ bucket assembly	1	490	1080	490	1080	490	1080
· 0.66 m ³ bucket assembly	1	493	1087	493	1087	493	1087
· 0.77 m ³ bucket assembly	1	543	1197	543	1197	543	1197
· Boom cylinder assembly	2	119	262	119	262	119	262
· Arm cylinder assembly	1	145	320	145	320	145	320
· Bucket cylinder assembly	1	104	229	104	229	104	229
· 2-piece boom cylinder assembly	1	180	397	180	397	180	397
· Dozer cylinder assembly	2	-	-	54	120	-	-
· Bucket control linkage total	1	113	249	113	249	113	249

※ 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.

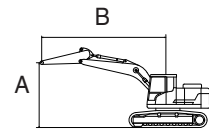
5. LIFTING CAPACITIES









1) HX145A LCR MONO BOOM

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX145A LCR	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4100	1900	2800	600	-	-	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)		Lift-point radius (B)						At max. reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		Capacity		Reach
										m (ft)
6.0 m (19.7 ft)	kg lb			*5570 *12280	*5570 *12280			*3050 *6720	*3050 *6720	3.83 (12.6)
4.5 m (14.8 ft)	kg lb			*6150 *13560	*6150 *13560	*5300 *11680	3710 8180	*2620 *5780	*2620 *5780	5.12 (16.8)
3.0 m (9.8 ft)	kg lb			*7960 *17550	6750 14880	*5770 *12720	3580 7890	*2560 *5640	2430 5360	5.76 (18.9)
1.5 m (4.9 ft)	kg lb					5800 12790	3390 7470	*2700 *5950	2250 4960	5.96 (19.6)
0.0 m (0.0 ft)	kg lb			*9720 *21430	5900 13010	5640 12430	3250 7170	*3100 *6830	2310 5090	5.77 (18.9)
-1.5 m (-4.9 ft)	kg lb	*8890 *19600	*8890 *19600	*8110 *17880	5890 12990	*5510 *12150	3230 7120	*4060 *8950	2710 5970	5.14 (16.9)
-3.0 m (-9.8 ft)	kg lb			*4700 *10360	*4700 *10360			*3280 *7230	*3280 *7230	3.86 (12.7)

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.

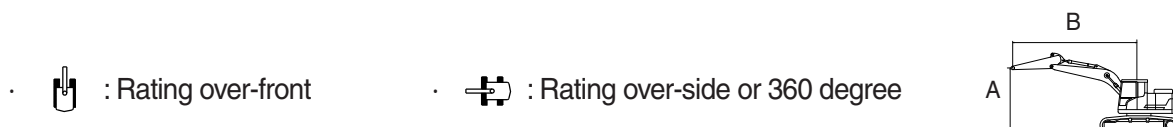
Lifting capacities will vary with different work tools, ground conditions and attachments.









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		Outrigger	
HX145A LCR	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4100	1900	3300	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)		Capacity		Reach
										m (ft)
6.0 m (19.7 ft)	kg lb			*5570 *12280	*5570 *12280			*3050 *6720	*3050 *6720	3.83 (12.6)
4.5 m (14.8 ft)	kg lb			*6150 *13560	*6150 *13560	*5300 *11680	3970 8750	*2620 *5780	*2620 *5780	5.12 (16.8)
3.0 m (9.8 ft)	kg lb			*7960 *17550	7200 15870	*5770 *12720	3840 8470	*2560 *5640	*2560 *5640	5.76 (18.9)
1.5 m (4.9 ft)	kg lb					6160 13580	3650 8050	*2700 *5950	2430 5360	5.96 (19.6)
0.0 m (0.0 ft)	kg lb			*9720 *21430	6360 14020	6000 13230	3510 7740	*3100 *6830	2500 5510	5.77 (18.9)
-1.5 m (-4.9 ft)	kg lb	*8890 *19600	*8890 *19600	*8110 *17880	6350 14000	*5510 *12150	3480 7670	*4060 *8950	2920 6440	5.14 (16.9)
-3.0 m (-9.8 ft)	kg lb			*4700 *10360	*4700 *10360			*3280 *7230	*3280 *7230	3.86 (12.7)

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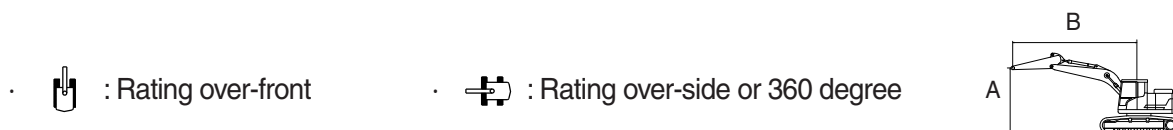
Lifting capacities will vary with different work tools, ground conditions and attachments.











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	
HX145A LCR	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4600	2100	2800	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)		Capacity		Reach
												m (ft)
7.5 m (24.6 ft)	kg lb									*4670 *10300	*4670 *10300	2.66 (8.7)
6.0 m (19.7 ft)	kg lb			*4980 *10980	*4980 *10980	*4410 *9720	3760 8290			*3370 *7430	3310 7300	4.83 (15.9)
4.5 m (14.8 ft)	kg lb			*5280 *11640	*5280 *11640	*4770 *10520	3710 8180			*3070 *6770	2370 5220	5.91 (19.4)
3.0 m (9.8 ft)	kg lb			*7880 *17370	6570 14480	*5440 *11990	3520 7760	3750 8270	2270 5000	*3040 *6700	2000 4410	6.47 (21.2)
1.5 m (4.9 ft)	kg lb					5700 12570	3300 7280	3660 8070	2180 4810	3130 6900	1870 4120	6.65 (21.8)
0.0 m (0.0 ft)	kg lb			*6200 *13670	5700 12570	5530 12190	3150 6940	3580 7890	2120 4670	3210 7080	1910 4210	6.47 (21.2)
-1.5 m (-4.9 ft)	kg lb	*5160 *11380	*5160 *11380	*8280 *18250	5710 12590	5480 12080	3110 6860			3640 8020	2150 4740	5.92 (19.4)
-3.0 m (-9.8 ft)	kg lb			*6010 *13250	5840 12870	*4130 *9110	3180 7010			*3520 *7760	2880 6350	4.86 (15.9)

Note 1. Lifting capacity are based on ISO 10567.

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

3. The Lift-point is bucket pivot mounting pin on the arm (without bucket mass).

4. *Indicates load limited by hydraulic capacity.

※ Lifting capacities are based upon a standard machine conditions.

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











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

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

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

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX145A LCR	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4600	2100	3300	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)		Capacity		Reach
												m (ft)
7.5 m (24.6 ft)	kg lb									*4670 *10300	*4670 *10300	2.66 (8.7)
6.0 m (19.7 ft)	kg lb			*4980 *10980	*4980 *10980	*4410 *9720	4010 8840			*3370 *7430	*3370 *7430	4.83 (15.9)
4.5 m (14.8 ft)	kg lb			*5280 *11640	*5280 *11640	*4770 *10520	3970 8750			*3070 *6770	2550 5620	5.91 (19.4)
3.0 m (9.8 ft)	kg lb			*7880 *17370	7020 15480	*5440 *11990	3780 8330	3990 8800	2450 5400	*3040 *6700	2170 4780	6.47 (21.2)
1.5 m (4.9 ft)	kg lb					6060 13360	3550 7830	3890 8580	2360 5200	*3210 *7080	2030 4480	6.65 (21.8)
0.0 m (0.0 ft)	kg lb			*6200 *13670	6160 13580	5890 12990	3400 7500	3820 8420	2290 5050	3430 7560	2070 4560	6.47 (21.2)
-1.5 m (-4.9 ft)	kg lb	*5160 *11380	*5160 *11380	*8280 *18250	6170 13600	*5830 *12850	3360 7410			3890 8580	2330 5140	5.92 (19.4)
-3.0 m (-9.8 ft)	kg lb			*6010 *13250	*6010 *13250	*4130 *9110	3440 7580			*3520 *7760	3110 6860	4.86 (15.9)

Note 1. Lifting capacity are based on ISO 10567.

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

3. The Lift-point is bucket pivot mounting pin on the arm (without bucket mass).

4. *Indicates load limited by hydraulic capacity.

※ Lifting capacities are based upon a standard machine conditions.

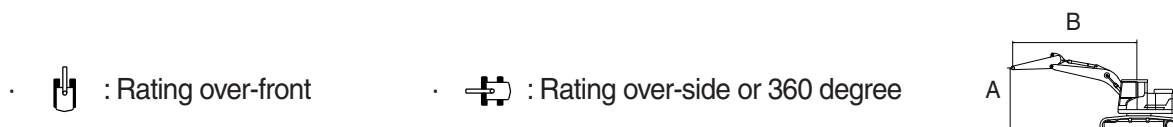
Lifting capacities will vary with different work tools, ground conditions and attachments.











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

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

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

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX145A LCR	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4600	2500	2800	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)		Capacity		Reach
												m (ft)
7.5 m (24.6 ft)	kg lb			*4030 *8880	*4030 *8880					*2930 *6460	*2930 *6460	3.58 (11.7)
6.0 m (19.7 ft)	kg lb					*3800 *8380	*3800 *8380			*2260 *4980	*2260 *4980	5.39 (17.7)
4.5 m (14.8 ft)	kg lb			*3920 *8640	*3920 *8640	*4290 *9460	3760 8290	*3290 *7250	2340 5160	*2060 *4540	*2060 *4540	6.37 (20.9)
3.0 m (9.8 ft)	kg lb			*7140 *15740	6730 14840	*5120 *11290	3550 7830	3760 8290	2270 5000	*2030 *4480	1800 3970	6.89 (22.6)
1.5 m (4.9 ft)	kg lb			*8300 *18300	5990 13210	5720 12610	3310 7300	3650 8050	2170 4780	*2120 *4670	1690 3730	7.06 (23.1)
0.0 m (0.0 ft)	kg lb			*6700 *14770	5670 12500	5510 12150	3130 6900	3560 7850	2090 4610	*2340 *5160	1720 3790	6.89 (22.6)
-1.5 m (-4.9 ft)	kg lb	*4660 *10270	*4660 *10270	*8760 *19310	5620 12390	5430 11970	3060 6750	3520 7760	2060 4540	*2800 *6170	1900 4190	6.38 (20.9)
-3.0 m (-9.8 ft)	kg lb	*8720 *19220	*8720 *19220	*6790 *14970	5720 12610	*4730 *10430	3100 6830			*3410 *7520	2430 5360	5.41 (17.7)

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.

※ Lifting capacities are based upon a standard machine conditions.

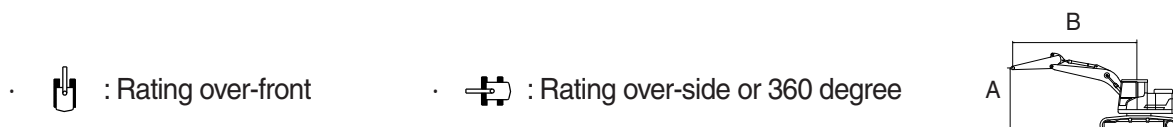
Lifting capacities will vary with different work tools, ground conditions and attachments.











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	
HX145A LCR	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4600	2500	3300	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)		Capacity		Reach
												m (ft)
7.5 m (24.6 ft)	kg lb			*4030 *8880	*4030 *8880					*2930 *6460	*2930 *6460	3.58 (11.7)
6.0 m (19.7 ft)	kg lb					*3800 *8380	*3800 *8380			*2260 *4980	*2260 *4980	5.39 (17.7)
4.5 m (14.8 ft)	kg lb			*3920 *8640	*3920 *8640	*4290 *9460	4010 8840	*3290 *7250	2520 5560	*2060 *4540	*2060 *4540	6.37 (20.9)
3.0 m (9.8 ft)	kg lb			*7140 *15740	*7140 *15740	*5120 *11290	3810 8400	4000 8820	2450 5400	*2030 *4480	1960 4320	6.89 (22.6)
1.5 m (4.9 ft)	kg lb			*8300 *18300	6450 14220	*5940 *13100	3560 7850	3890 8580	2350 5180	*2120 *4670	1840 4060	7.06 (23.1)
0.0 m (0.0 ft)	kg lb			*6700 *14770	6130 13510	5870 12940	3390 7470	3800 8380	2270 5000	*2340 *5160	1870 4120	6.89 (22.6)
-1.5 m (-4.9 ft)	kg lb	*4660 *10270	*4660 *10270	*8760 *19310	6080 13400	5790 12760	3320 7320	3760 8290	2240 4940	*2800 *6170	2070 4560	6.38 (20.9)
-3.0 m (-9.8 ft)	kg lb	*8720 *19220	*8720 *19220	*6790 *14970	6180 13620	*4730 *10430	3360 7410			*3410 *7520	2630 5800	5.41 (17.7)

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.

※ 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.

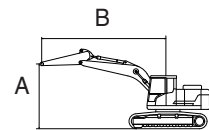
Consult with your local HD Hyundai Construction Equipment dealer regarding the lifting capacities for specific work tools and attachments.













▲ 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	
HX145A LCR	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4600	3000	2800	600	-	-	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)		Lift-point radius (B)										At max. reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach
														m (ft)
7.5 m (24.6 ft)	kg lb											*2310 *5090	*2310 *5090	4.43 (14.5)
6.0 m (19.7 ft)	kg lb					*3270 *7210	*3270 *7210					*1900 *4190	*1900 *4190	5.98 (19.6)
4.5 m (14.8 ft)	kg lb					*3440 *7580	*3440 *7580	*3210 *7080	2390 5270			*1760 *3880	*1760 *3880	6.88 (22.6)
3.0 m (9.8 ft)	kg lb			*5080 *11200	*5080 *11200	*4580 *10100	3630 8000	3800 8380	2310 5090			*1740 *3840	1630 3590	7.36 (24.2)
1.5 m (4.9 ft)	kg lb			*8710 *19200	6190 13650	*5650 *12460	3370 7430	3670 8090	2190 4830	*1910 *4210	1540 3400	*1810 *3990	1530 3370	7.52 (24.7)
0.0 m (0.0 ft)	kg lb			*7520 *16580	5720 12610	5540 12210	3150 6940	3560 7850	2090 4610			*1990 *4390	1550 3420	7.37 (24.2)
-1.5 m (-4.9 ft)	kg lb	*4220 *9300	*4220 *9300	*9240 *20370	5600 12350	5420 11950	3040 6700	3500 7720	2040 4500			*2340 *5160	1690 3730	6.89 (22.6)
-3.0 m (-9.8 ft)	kg lb	*7330 *16160	*7330 *16160	*7660 *16890	5640 12430	*5270 *11620	3050 6720	*3120 *6880	2070 4560			*3100 *6830	2070 4560	6.00 (19.7)
-4.5 m (-14.8 ft)	kg lb			*4550 *10030	*4550 *10030							*2630 *5800	*2630 *5800	4.47 (14.7)

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.

※ 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	
HX145A LCR	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4600	3000	3300	600	-	-	-	-	-



Lift-point height (A)		Lift-point radius (B)										At max. reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach
														m (ft)
7.5 m (24.6 ft)	kg lb											*2310 *5090	*2310 *5090	4.43 (14.5)
6.0 m (19.7 ft)	kg lb					*3270 *7210	*3270 *7210					*1900 *4190	*1900 *4190	5.98 (19.6)
4.5 m (14.8 ft)	kg lb					*3440 *7580	*3440 *7580	*3210 *7080	2570 5670			*1760 *3880	*1760 *3880	6.88 (22.6)
3.0 m (9.8 ft)	kg lb			*5080 *11200	*5080 *11200	*4580 *10100	3890 8580	*3940 *8690	2490 5490			*1740 *3840	*1740 *3840	7.36 (24.2)
1.5 m (4.9 ft)	kg lb			*8710 *19200	6650 14660	*5650 *12460	3620 7980	3910 8620	2370 5220	*1910 *4210	1680 3700	*1810 *3990	1670 3680	7.52 (24.7)
0.0 m (0.0 ft)	kg lb			*7520 *16580	6180 13620	5910 13030	3410 7520	3800 8380	2270 5000			*1990 *4390	1690 3730	7.37 (24.2)
-1.5 m (-4.9 ft)	kg lb	*4220 *9300	*4220 *9300	*9240 *20370	6050 13340	5780 12740	3300 7280	3740 8250	2210 4870			*2340 *5160	1840 4060	6.89 (22.6)
-3.0 m (-9.8 ft)	kg lb	*7330 *16160	*7330 *16160	*7660 *16890	6100 13450	*5270 *11620	3300 7280	*3120 *6880	2250 4960			*3100 *6830	2240 4940	6.00 (19.7)
-4.5 m (-14.8 ft)	kg lb			*4550 *10030	*4550 *10030							*2630 *5800	*2630 *5800	4.47 (14.7)

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.

※ 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.

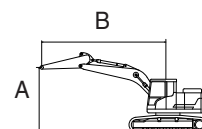
▲ Failure to comply to the rated load can cause serious injury, death, or property damage. Make adjustments to the rated load as necessary for non-standard configurations.









2) HX145A LCR 2-PIECE BOOM

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX145A LCR	2-PIECE BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4939	2100	2800	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)		Capacity		Reach
										m (ft)
7.5 m (24.6 ft)	kg lb	*5010 *11050	*5010 *11050					*4600 *10140	*4600 *10140	3.52 (11.5)
6.0 m (19.7 ft)	kg lb			*4150 *9150	3820 8420			*3580 *7890	2820 6220	5.35 (17.5)
4.5 m (14.8 ft)	kg lb	*5230 *11530	*5230 *11530	*4430 *9770	3710 8180	3840 8470	2330 5140	*3290 *7250	2110 4650	6.33 (20.8)
3.0 m (9.8 ft)	kg lb			*5190 *11440	3480 7670	3760 8290	2250 4960	3030 6680	1810 3990	6.86 (22.5)
1.5 m (4.9 ft)	kg lb			5660 12480	3220 7100	3640 8020	2150 4740	2870 6330	1690 3730	7.03 (23.1)
0.0 m (0.0 ft)	kg lb			5480 12080	3070 6770	3560 7850	2070 4560	2930 6460	1720 3790	6.86 (22.5)
-1.5 m (-4.9 ft)	kg lb	*7730 *17040	5610 12370	5440 11990	3030 6680	3540 7800	2050 4520	3280 7230	1910 4210	6.35 (20.8)
-3.0 m (-9.8 ft)	kg lb			*4710 *10380	3100 6830					

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	
HX145A LCR	2-PIECE BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4939	2100	3300	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)		Capacity		Reach
										m (ft)
7.5 m (24.6 ft)	kg lb	*5010 *11050	*5010 *11050					*4600 *10140	*4600 *10140	3.52 (11.5)
6.0 m (19.7 ft)	kg lb			*4150 *9150	4070 8970			*3580 *7890	3030 6680	5.35 (17.5)
4.5 m (14.8 ft)	kg lb	*5230 *11530	*5230 *11530	*4430 *9770	3970 8750	*3970 *8750	2510 5530	*3290 *7250	2270 5000	6.33 (20.8)
3.0 m (9.8 ft)	kg lb			*5190 *11440	3730 8220	4000 8820	2430 5360	3230 7120	1960 4320	6.86 (22.5)
1.5 m (4.9 ft)	kg lb			*5940 *13100	3480 7670	3880 8550	2320 5110	3060 6750	1840 4060	7.03 (23.1)
0.0 m (0.0 ft)	kg lb			5840 12870	3330 7340	3800 8380	2250 4960	3130 6900	1870 4120	6.86 (22.5)
-1.5 m (-4.9 ft)	kg lb	*7730 *17040	6070 13380	5800 12790	3290 7250	3780 8330	2230 4920	3500 7720	2080 4590	6.35 (20.8)
-3.0 m (-9.8 ft)	kg lb			*4710 *10380	3360 7410					

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.

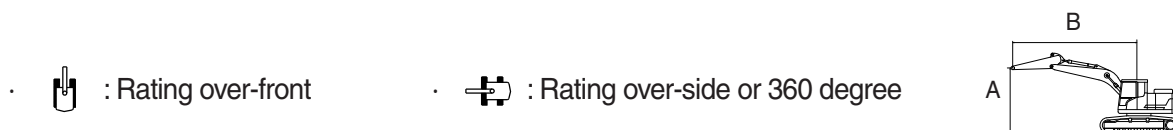
Lifting capacities will vary with different work tools, ground conditions and attachments.









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	
HX145A LCR	2-PIECE BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4939	2500	2800	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)		Capacity		Reach
										m (ft)
7.5 m (24.6 ft)	kg lb							*3070 *6770	*3070 *6770	4.28 (14.0)
6.0 m (19.7 ft)	kg lb			*3770 *8310	*3770 *8310			*2480 *5470	2430 5360	5.87 (19.3)
4.5 m (14.8 ft)	kg lb	*3760 *8290	*3760 *8290	*4090 *9020	3760 8290	*3700 *8160	2350 5180	*2280 *5030	1880 4140	6.78 (22.3)
3.0 m (9.8 ft)	kg lb	*7110 *15670	6580 14510	*4880 *10760	3510 7740	3770 8310	2260 4980	*2240 *4940	1630 3590	7.27 (23.9)
1.5 m (4.9 ft)	kg lb			5680 12520	3240 7140	3640 8020	2140 4720	*2320 *5110	1530 3370	7.43 (24.4)
0.0 m (0.0 ft)	kg lb	*3870 *8530	*3870 *8530	5460 12040	3050 6720	3530 7780	2040 4500	*2520 *5560	1550 3420	7.28 (23.9)
-1.5 m (-4.9 ft)	kg lb	*7060 *15560	5510 12150	5390 11880	2980 6570	3490 7690	2000 4410	*2930 *6460	1700 3750	6.79 (22.3)
-3.0 m (-9.8 ft)	kg lb	*7150 *15760	5620 12390	*5090 *11220	3020 6660					

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	
HX145A LCR	2-PIECE BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4939	2500	3300	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)		Capacity		Reach
										m (ft)
7.5 m (24.6 ft)	kg lb							*3070 *6770	*3070 *6770	4.28 (14.0)
6.0 m (19.7 ft)	kg lb			*3770 *8310	*3770 *8310			*2480 *5470	*2480 *5470	5.87 (19.3)
4.5 m (14.8 ft)	kg lb	*3760 *8290	*3760 *8290	*4090 *9020	4020 8860	*3700 *8160	2530 5580	*2280 *5030	2030 4480	6.78 (22.3)
3.0 m (9.8 ft)	kg lb	*7110 *15670	7040 15520	*4880 *10760	3770 8310	*3980 *8770	2440 5380	*2240 *4940	1770 3900	7.27 (23.9)
1.5 m (4.9 ft)	kg lb			*5720 *12610	3490 7690	3880 8550	2320 5110	*2320 *5110	1670 3680	7.43 (24.4)
0.0 m (0.0 ft)	kg lb	*3870 *8530	*3870 *8530	5820 12830	3310 7300	3770 8310	2220 4890	*2520 *5560	1690 3730	7.28 (23.9)
-1.5 m (-4.9 ft)	kg lb	*7060 *15560	5970 13160	5750 12680	3240 7140	3730 8220	2180 4810	*2930 *6460	1860 4100	6.79 (22.3)
-3.0 m (-9.8 ft)	kg lb	*7150 *15760	6080 13400	*5090 *11220	3280 7230					

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.

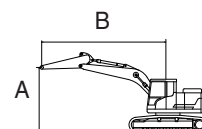
▲ Failure to comply to the rated load can cause serious injury, death, or property damage. Make adjustments to the rated load as necessary for non-standard configurations.









3) HX145A LCRD MONO BOOM

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX145A LCR	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4100	1900	2800	600	-	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)		Capacity		Reach
										m (ft)
6.0 m	kg			*5570	*5570			*3050	*3050	3.83
(19.7 ft)	lb			*12280	*12280			*6720	*6720	(12.6)
4.5 m	kg			*6150	*6150	*5300	3960	*2620	*2620	5.12
(14.8 ft)	lb			*13560	*13560	*11680	8730	*5780	*5780	(16.8)
3.0 m	kg			*7960	7190	*5770	3830	*2560	*2560	5.76
(9.8 ft)	lb			*17550	15850	*12720	8440	*5640	*5640	(18.9)
1.5 m	kg					*6370	3640	*2700	2420	5.96
(4.9 ft)	lb					*14040	8020	*5950	5340	(19.6)
0.0 m	kg			*9720	6340	*6450	3500	*3100	2490	5.77
(0.0 ft)	lb			*21430	13980	*14220	7720	*6830	5490	(18.9)
-1.5 m	kg	*8890	*8890	*8110	6340	*5510	3480	*4060	2920	5.14
(-4.9 ft)	lb	*19600	*19600	*17880	13980	*12150	7670	*8950	6440	(16.9)
-3.0 m	kg			*4700	*4700			*3280	*3280	3.86
(-9.8 ft)	lb			*10360	*10360			*7230	*7230	(12.7)

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.

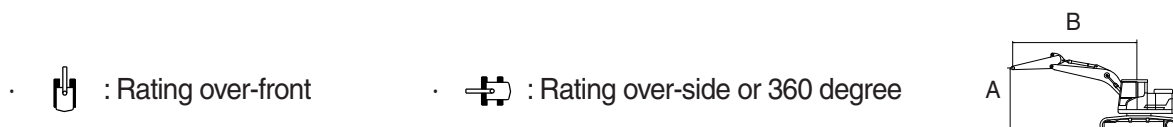
Lifting capacities will vary with different work tools, ground conditions and attachments.









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	
HX145A LCR	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4100	1900	2800	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)		Capacity		Reach
										m (ft)
6.0 m (19.7 ft)	kg lb			*5570 *12280	*5570 *12280			*3050 *6720	*3050 *6720	3.83 (12.6)
4.5 m (14.8 ft)	kg lb			*6150 *13560	*6150 *13560	*5300 *11680	3960 8730	*2620 *5780	*2620 *5780	5.12 (16.8)
3.0 m (9.8 ft)	kg lb			*7960 *17550	7190 15850	*5770 *12720	3830 8440	*2560 *5640	*2560 *5640	5.76 (18.9)
1.5 m (4.9 ft)	kg lb					5910 13030	3640 8020	*2700 *5950	2420 5340	5.96 (19.6)
0.0 m (0.0 ft)	kg lb			*9720 *21430	6340 13980	5750 12680	3500 7720	*3100 *6830	2490 5490	5.77 (18.9)
-1.5 m (-4.9 ft)	kg lb	*8890 *19600	*8890 *19600	*8110 *17880	6340 13980	*5510 *12150	3480 7670	*4060 *8950	2920 6440	5.14 (16.9)
-3.0 m (-9.8 ft)	kg lb			*4700 *10360	*4700 *10360			*3280 *7230	*3280 *7230	3.86 (12.7)

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.

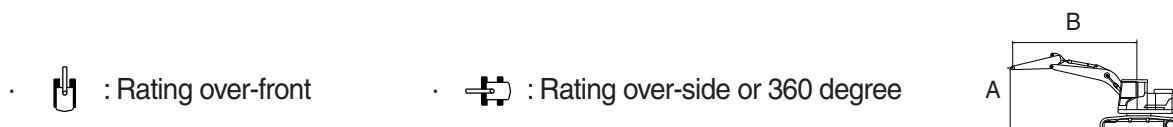
Lifting capacities will vary with different work tools, ground conditions and attachments.









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		Outrigger	
HX145A LCR	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4100	1900	3300	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)		Capacity		Reach
										m (ft)
6.0 m (19.7 ft)	kg lb			*5570 *12280	*5570 *12280			*3050 *6720	*3050 *6720	3.83 (12.6)
4.5 m (14.8 ft)	kg lb			*6150 *13560	*6150 *13560	*5300 *11680	4220 9300	*2620 *5780	*2620 *5780	5.12 (16.8)
3.0 m (9.8 ft)	kg lb			*7960 *17550	7650 16870	*5770 *12720	4080 8990	*2560 *5640	*2560 *5640	5.76 (18.9)
1.5 m (4.9 ft)	kg lb					*6370 *14040	3890 8580	*2700 *5950	2600 5730	5.96 (19.6)
0.0 m (0.0 ft)	kg lb			*9720 *21430	6800 14990	*6450 *14220	3760 8290	*3100 *6830	2680 5910	5.77 (18.9)
-1.5 m (-4.9 ft)	kg lb	*8890 *19600	*8890 *19600	*8110 *17880	6790 14970	*5510 *12150	3730 8220	*4060 *8950	3130 6900	5.14 (16.9)
-3.0 m (-9.8 ft)	kg lb			*4700 *10360	*4700 *10360			*3280 *7230	*3280 *7230	3.86 (12.7)

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.

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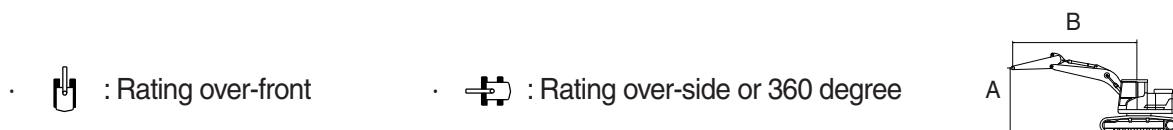
Lifting capacities will vary with different work tools, ground conditions and attachments.









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		Outrigger	
HX145A LCR	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4100	1900	3300	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)		Capacity		Reach
										m (ft)
6.0 m (19.7 ft)	kg lb			*5570 *12280	*5570 *12280			*3050 *6720	*3050 *6720	3.83 (12.6)
4.5 m (14.8 ft)	kg lb			*6150 *13560	*6150 *13560	*5300 *11680	4220 9300	*2620 *5780	*2620 *5780	5.12 (16.8)
3.0 m (9.8 ft)	kg lb			*7960 *17550	7650 16870	*5770 *12720	4080 8990	*2560 *5640	*2560 *5640	5.76 (18.9)
1.5 m (4.9 ft)	kg lb					6270 13820	3890 8580	*2700 *5950	2600 5730	5.96 (19.6)
0.0 m (0.0 ft)	kg lb			*9720 *21430	6800 14990	6120 13490	3760 8290	*3100 *6830	2680 5910	5.77 (18.9)
-1.5 m (-4.9 ft)	kg lb	*8890 *19600	*8890 *19600	*8110 *17880	6790 14970	*5510 *12150	3730 8220	*4060 *8950	3130 6900	5.14 (16.9)
-3.0 m (-9.8 ft)	kg lb			*4700 *10360	*4700 *10360			*3280 *7230	*3280 *7230	3.86 (12.7)

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.

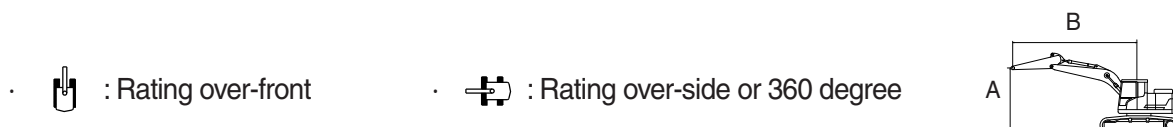
Lifting capacities will vary with different work tools, ground conditions and attachments.











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

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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX145A LCR	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4600	2100	2800	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)		Capacity		Reach
												m (ft)
7.5 m (24.6 ft)	kg lb									*4670 *10300	*4670 *10300	2.66 (8.7)
6.0 m (19.7 ft)	kg lb			*4980 *10980	*4980 *10980	*4410 *9720	4010 8840			*3370 *7430	*3370 *7430	4.83 (15.9)
4.5 m (14.8 ft)	kg lb			*5280 *11640	*5280 *11640	*4770 *10520	3960 8730			*3070 *6770	2550 5620	5.91 (19.4)
3.0 m (9.8 ft)	kg lb			*7880 *17370	7010 15450	*5440 *11990	3770 8310	*4450 *9810	2440 5380	*3040 *6700	2160 4760	6.47 (21.2)
1.5 m (4.9 ft)	kg lb					*6150 *13560	3540 7800	*4660 *10270	2360 5200	*3210 *7080	2030 4480	6.65 (21.8)
0.0 m (0.0 ft)	kg lb			*6200 *13670	6140 13540	*6370 *14040	3400 7500	*4630 *10210	2290 5050	*3610 *7960	2060 4540	6.47 (21.2)
-1.5 m (-4.9 ft)	kg lb	*5160 *11380	*5160 *11380	*8280 *18250	6150 13560	*5830 *12850	3350 7390			*4010 *8840	2330 5140	5.92 (19.4)
-3.0 m (-9.8 ft)	kg lb			*6010 *13250	*6010 *13250	*4130 *9110	3430 7560			*3520 *7760	3110 6860	4.86 (15.9)

Note 1. Lifting capacity are based on ISO 10567.

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

3. The Lift-point is bucket pivot mounting pin on the arm (without bucket mass).

4. *Indicates load limited by hydraulic capacity.

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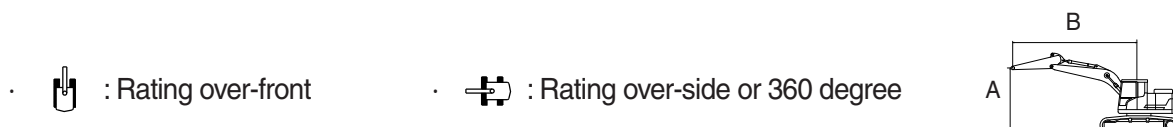
Lifting capacities will vary with different work tools, ground conditions and attachments.











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	
HX145A LCR	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4600	2100	2800	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)		Capacity		Reach
												m (ft)
7.5 m (24.6 ft)	kg lb									*4670 *10300	*4670 *10300	2.66 (8.7)
6.0 m (19.7 ft)	kg lb			*4980 *10980	*4980 *10980	*4410 *9720	4010 8840			*3370 *7430	*3370 *7430	4.83 (15.9)
4.5 m (14.8 ft)	kg lb			*5280 *11640	*5280 *11640	*4770 *10520	3960 8730			*3070 *6770	2550 5620	5.91 (19.4)
3.0 m (9.8 ft)	kg lb			*7880 *17370	7010 15450	*5440 *11990	3770 8310	3820 8420	2440 5380	*3040 *6700	2160 4760	6.47 (21.2)
1.5 m (4.9 ft)	kg lb					5810 12810	3540 7800	3730 8220	2360 5200	3190 7030	2030 4480	6.65 (21.8)
0.0 m (0.0 ft)	kg lb			*6200 *13670	6140 13540	5640 12430	3400 7500	3660 8070	2290 5050	3280 7230	2060 4540	6.47 (21.2)
-1.5 m (-4.9 ft)	kg lb	*5160 *11380	*5160 *11380	*8280 *18250	6150 13560	5590 12320	3350 7390			3720 8200	2330 5140	5.92 (19.4)
-3.0 m (-9.8 ft)	kg lb			*6010 *13250	*6010 *13250	*4130 *9110	3430 7560			*3520 *7760	3110 6860	4.86 (15.9)

Note 1. Lifting capacity are based on ISO 10567.

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

3. The Lift-point is bucket pivot mounting pin on the arm (without bucket mass).

4. *Indicates load limited by hydraulic capacity.

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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	
HX145A LCR	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4600	2100	3300	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)		Capacity		Reach
												m (ft)
7.5 m (24.6 ft)	kg lb									*4670 *10300	*4670 *10300	2.66 (8.7)
6.0 m (19.7 ft)	kg lb			*4980 *10980	*4980 *10980	*4410 *9720	4260 9390			*3370 *7430	*3370 *7430	4.83 (15.9)
4.5 m (14.8 ft)	kg lb			*5280 *11640	*5280 *11640	*4770 *10520	4220 9300			*3070 *6770	2730 6020	5.91 (19.4)
3.0 m (9.8 ft)	kg lb			*7880 *17370	7460 16450	*5440 *11990	4030 8880	*4450 *9810	2620 5780	*3040 *6700	2330 5140	6.47 (21.2)
1.5 m (4.9 ft)	kg lb					*6150 *13560	3800 8380	*4660 *10270	2540 5600	*3210 *7080	2180 4810	6.65 (21.8)
0.0 m (0.0 ft)	kg lb			*6200 *13670	*6200 *13670	*6370 *14040	3650 8050	*4630 *10210	2470 5450	*3610 *7960	2230 4920	6.47 (21.2)
-1.5 m (-4.9 ft)	kg lb	*5160 *11380	*5160 *11380	*8280 *18250	6610 14570	*5830 *12850	3610 7960			*4010 *8840	2510 5530	5.92 (19.4)
-3.0 m (-9.8 ft)	kg lb			*6010 *13250	*6010 *13250	*4130 *9110	3690 8140			*3520 *7760	3340 7360	4.86 (15.9)

Note 1. Lifting capacity are based on ISO 10567.

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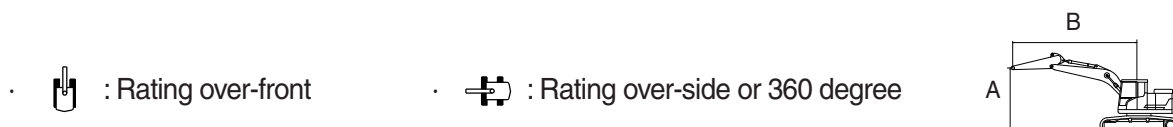
Lifting capacities will vary with different work tools, ground conditions and attachments.











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		Outrigger	
HX145A LCR	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4600	2100	3300	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)		Capacity		Reach
												m (ft)
7.5 m (24.6 ft)	kg lb									*4670 *10300	*4670 *10300	2.66 (8.7)
6.0 m (19.7 ft)	kg lb			*4980 *10980	*4980 *10980	*4410 *9720	4260 9390			*3370 *7430	*3370 *7430	4.83 (15.9)
4.5 m (14.8 ft)	kg lb			*5280 *11640	*5280 *11640	*4770 *10520	4220 9300			*3070 *6770	2730 6020	5.91 (19.4)
3.0 m (9.8 ft)	kg lb			*7880 *17370	7460 16450	*5440 *11990	4030 8880	4060 8950	2620 5780	*3040 *6700	2330 5140	6.47 (21.2)
1.5 m (4.9 ft)	kg lb					*6150 *13560	3800 8380	3970 8750	2540 5600	*3210 *7080	2180 4810	6.65 (21.8)
0.0 m (0.0 ft)	kg lb			*6200 *13670	*6200 *13670	6000 13230	3650 8050	3900 8600	2470 5450	3490 7690	2230 4920	6.47 (21.2)
-1.5 m (-4.9 ft)	kg lb	*5160 *11380	*5160 *11380	*8280 *18250	6610 14570	*5830 *12850	3610 7960			3960 8730	2510 5530	5.92 (19.4)
-3.0 m (-9.8 ft)	kg lb			*6010 *13250	*6010 *13250	*4130 *9110	3690 8140			*3520 *7760	3340 7360	4.86 (15.9)

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.

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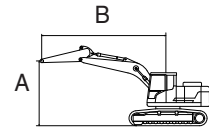
Consult with your local HD Hyundai Construction Equipment dealer regarding the lifting capacities for specific work tools and attachments.











▲ 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	
HX145A LCR	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4600	2500	2800	600	-	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)		Capacity		Reach
												m (ft)
7.5 m (24.6 ft)	kg lb			*4030 *8880	*4030 *8880					*2930 *6460	*2930 *6460	3.58 (11.7)
6.0 m (19.7 ft)	kg lb					*3800 *8380	*3800 *8380			*2260 *4980	*2260 *4980	5.39 (17.7)
4.5 m (14.8 ft)	kg lb			*3920 *8640	*3920 *8640	*4290 *9460	4010 8840	*3290 *7250	2510 5530	*2060 *4540	*2060 *4540	6.37 (20.9)
3.0 m (9.8 ft)	kg lb			*7140 *15740	*7140 *15740	*5120 *11290	3800 8380	*4250 *9370	2450 5400	*2030 *4480	1950 4300	6.89 (22.6)
1.5 m (4.9 ft)	kg lb			*8300 *18300	6430 14180	*5940 *13100	3560 7850	*4540 *10010	2350 5180	*2120 *4670	1840 4060	7.06 (23.1)
0.0 m (0.0 ft)	kg lb			*6700 *14770	6110 13470	*6320 *13930	3380 7450	*4640 *10230	2260 4980	*2340 *5160	1860 4100	6.89 (22.6)
-1.5 m (-4.9 ft)	kg lb	*4660 *10270	*4660 *10270	*8760 *19310	6070 13380	*6000 *13230	3310 7300	*4240 *9350	2230 4920	*2800 *6170	2060 4540	6.38 (20.9)
-3.0 m (-9.8 ft)	kg lb	*8720 *19220	*8720 *19220	*6790 *14970	6170 13600	*4730 *10430	3350 7390			*3410 *7520	2630 5800	5.41 (17.7)

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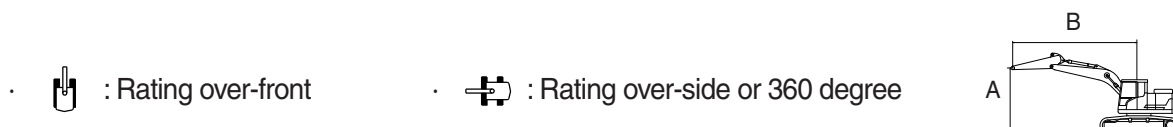
Lifting capacities will vary with different work tools, ground conditions and attachments.











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

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▲ 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	
HX145A LCR	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4600	2500	2800	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)		Capacity		Reach
												m (ft)
7.5 m (24.6 ft)	kg lb			*4030 *8880	*4030 *8880					*2930 *6460	*2930 *6460	3.58 (11.7)
6.0 m (19.7 ft)	kg lb					*3800 *8380	*3800 *8380			*2260 *4980	*2260 *4980	5.39 (17.7)
4.5 m (14.8 ft)	kg lb			*3920 *8640	*3920 *8640	*4290 *9460	4010 8840	*3290 *7250	2510 5530	*2060 *4540	*2060 *4540	6.37 (20.9)
3.0 m (9.8 ft)	kg lb			*7140 *15740	*7140 *15740	*5120 *11290	3800 8380	3840 8470	2450 5400	*2030 *4480	1950 4300	6.89 (22.6)
1.5 m (4.9 ft)	kg lb			*8300 *18300	6430 14180	5830 12850	3560 7850	3720 8200	2350 5180	*2120 *4670	1840 4060	7.06 (23.1)
0.0 m (0.0 ft)	kg lb			*6700 *14770	6110 13470	5630 12410	3380 7450	3630 8000	2260 4980	*2340 *5160	1860 4100	6.89 (22.6)
-1.5 m (-4.9 ft)	kg lb	*4660 *10270	*4660 *10270	*8760 *19310	6070 13380	5540 12210	3310 7300	3600 7940	2230 4920	*2800 *6170	2060 4540	6.38 (20.9)
-3.0 m (-9.8 ft)	kg lb	*8720 *19220	*8720 *19220	*6790 *14970	6170 13600	*4730 *10430	3350 7390			*3410 *7520	2630 5800	5.41 (17.7)

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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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX145A LCR	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4600	2500	3300	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)		Capacity		Reach
												m (ft)
7.5 m (24.6 ft)	kg lb			*4030 *8880	*4030 *8880					*2930 *6460	*2930 *6460	3.58 (11.7)
6.0 m (19.7 ft)	kg lb					*3800 *8380	*3800 *8380			*2260 *4980	*2260 *4980	5.39 (17.7)
4.5 m (14.8 ft)	kg lb			*3920 *8640	*3920 *8640	*4290 *9460	4260 9390	*3290 *7250	2690 5930	*2060 *4540	*2060 *4540	6.37 (20.9)
3.0 m (9.8 ft)	kg lb			*7140 *15740	*7140 *15740	*5120 *11290	4060 8950	*4250 *9370	2630 5800	*2030 *4480	*2030 *4480	6.89 (22.6)
1.5 m (4.9 ft)	kg lb			*8300 *18300	6890 15190	*5940 *13100	3810 8400	*4540 *10010	2530 5580	*2120 *4670	1980 4370	7.06 (23.1)
0.0 m (0.0 ft)	kg lb			*6700 *14770	6570 14480	*6320 *13930	3630 8000	*4640 *10230	2440 5380	*2340 *5160	2010 4430	6.89 (22.6)
-1.5 m (-4.9 ft)	kg lb	*4660 *10270	*4660 *10270	*8760 *19310	6520 14370	*6000 *13230	3560 7850	*4240 *9350	2410 5310	*2800 *6170	2230 4920	6.38 (20.9)
-3.0 m (-9.8 ft)	kg lb	*8720 *19220	*8720 *19220	*6790 *14970	6620 14590	*4730 *10430	3610 7960			*3410 *7520	2830 6240	5.41 (17.7)

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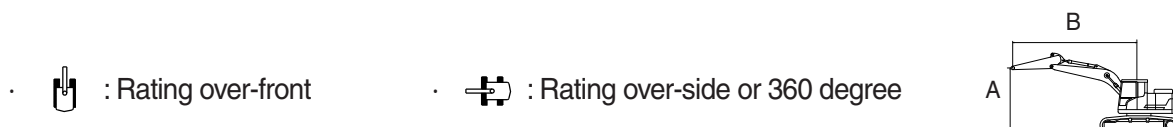
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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX145A LCR	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4600	2500	3300	600	-	Up	-	-	-



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)		Capacity		Reach
												m (ft)
7.5 m (24.6 ft)	kg lb			*4030 *8880	*4030 *8880					*2930 *6460	*2930 *6460	3.58 (11.7)
6.0 m (19.7 ft)	kg lb					*3800 *8380	*3800 *8380			*2260 *4980	*2260 *4980	5.39 (17.7)
4.5 m (14.8 ft)	kg lb			*3920 *8640	*3920 *8640	*4290 *9460	4260 9390	*3290 *7250	2690 5930	*2060 *4540	*2060 *4540	6.37 (20.9)
3.0 m (9.8 ft)	kg lb			*7140 *15740	*7140 *15740	*5120 *11290	4060 8950	4080 8990	2630 5800	*2030 *4480	*2030 *4480	6.89 (22.6)
1.5 m (4.9 ft)	kg lb			*8300 *18300	6890 15190	*5940 *13100	3810 8400	3960 8730	2530 5580	*2120 *4670	1980 4370	7.06 (23.1)
0.0 m (0.0 ft)	kg lb			*6700 *14770	6570 14480	5990 13210	3630 8000	3870 8530	2440 5380	*2340 *5160	2010 4430	6.89 (22.6)
-1.5 m (-4.9 ft)	kg lb	*4660 *10270	*4660 *10270	*8760 *19310	6520 14370	5910 13030	3560 7850	3840 8470	2410 5310	*2800 *6170	2230 4920	6.38 (20.9)
-3.0 m (-9.8 ft)	kg lb	*8720 *19220	*8720 *19220	*6790 *14970	6620 14590	*4730 *10430	3610 7960			*3410 *7520	2830 6240	5.41 (17.7)

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.

※ Lifting capacities are based upon a standard machine conditions.

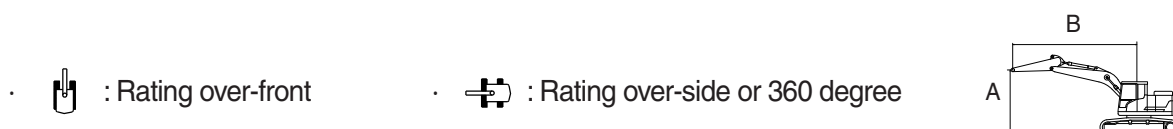
Lifting capacities will vary with different work tools, ground conditions and attachments.













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	
HX145A LCR	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4600	3000	2800	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)
7.5 m (24.6 ft)	kg lb											*2310 *5090	*2310 *5090	4.43 (14.5)
6.0 m (19.7 ft)	kg lb					*3270 *7210	*3270 *7210					*1900 *4190	*1900 *4190	5.98 (19.6)
4.5 m (14.8 ft)	kg lb					*3440 *7580	*3440 *7580	*3210 *7080	2560 5640			*1760 *3880	*1760 *3880	6.88 (22.6)
3.0 m (9.8 ft)	kg lb			*5080 *11200	*5080 *11200	*4580 *10100	3880 8550	*3940 *8690	2480 5470			*1740 *3840	*1740 *3840	7.36 (24.2)
1.5 m (4.9 ft)	kg lb			*8710 *19200	6630 14620	*5650 *12460	3610 7960	*4380 *9660	2370 5220	*1910 *4210	1670 3680	*1810 *3990	1660 3660	7.52 (24.7)
0.0 m (0.0 ft)	kg lb			*7520 *16580	6170 13600	*6230 *13730	3400 7500	*4600 *10140	2260 4980			*1990 *4390	1680 3700	7.37 (24.2)
-1.5 m (-4.9 ft)	kg lb	*4220 *9300	*4220 *9300	*9240 *20370	6040 13320	*6170 *13600	3290 7250	*4450 *9810	2210 4870			*2340 *5160	1830 4030	6.89 (22.6)
-3.0 m (-9.8 ft)	kg lb	*7330 *16160	*7330 *16160	*7660 *16890	6090 13430	*5270 *11620	3300 7280	*3120 *6880	2240 4940			*3100 *6830	2240 4940	6.00 (19.7)
-4.5 m (-14.8 ft)	kg lb			*4550 *10030	*4550 *10030							*2630 *5800	*2630 *5800	4.47 (14.7)

- 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 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.

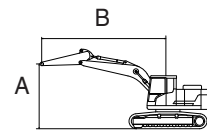
Consult with your local HD Hyundai Construction Equipment dealer regarding the lifting capacities for specific work tools and attachments.













▲ 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	
HX145A LCR	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4600	3000	2800	600	-	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 lb											*2310 *5090	*2310 *5090	4.43 (14.5)
6.0 m (19.7 ft)	kg lb					*3270 *7210	*3270 *7210					*1900 *4190	*1900 *4190	5.98 (19.6)
4.5 m (14.8 ft)	kg lb					*3440 *7580	*3440 *7580	*3210 *7080	2560 5640			*1760 *3880	*1760 *3880	6.88 (22.6)
3.0 m (9.8 ft)	kg lb			*5080 *11200	*5080 *11200	*4580 *10100	3880 8550	3880 8550	2480 5470			*1740 *3840	*1740 *3840	7.36 (24.2)
1.5 m (4.9 ft)	kg lb			*8710 *19200	6630 14620	*5650 *12460	3610 7960	3750 8270	2370 5220	*1910 *4210	1670 3680	*1810 *3990	1660 3660	7.52 (24.7)
0.0 m (0.0 ft)	kg lb			*7520 *16580	6170 13600	5660 12480	3400 7500	3640 8020	2260 4980			*1990 *4390	1680 3700	7.37 (24.2)
-1.5 m (-4.9 ft)	kg lb	*4220 *9300	*4220 *9300	*9240 *20370	6040 13320	5530 12190	3290 7250	3570 7870	2210 4870			*2340 *5160	1830 4030	6.89 (22.6)
-3.0 m (-9.8 ft)	kg lb	*7330 *16160	*7330 *16160	*7660 *16890	6090 13430	*5270 *11620	3300 7280	*3120 *6880	2240 4940			*3100 *6830	2240 4940	6.00 (19.7)
-4.5 m (-14.8 ft)	kg lb			*4550 *10030	*4550 *10030							*2630 *5800	*2630 *5800	4.47 (14.7)

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).

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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.

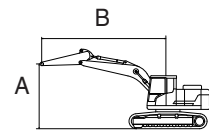
Consult with your local HD Hyundai Construction Equipment dealer regarding the lifting capacities for specific work tools and attachments.













▲ 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		Outrigger	
HX145A LCR	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4600	3000	3300	600	-	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 lb											*2310 *5090	*2310 *5090	4.43 (14.5)
6.0 m (19.7 ft)	kg lb					*3270 *7210	*3270 *7210					*1900 *4190	*1900 *4190	5.98 (19.6)
4.5 m (14.8 ft)	kg lb					*3440 *7580	*3440 *7580	*3210 *7080	2740 6040			*1760 *3880	*1760 *3880	6.88 (22.6)
3.0 m (9.8 ft)	kg lb			*5080 *11200	*5080 *11200	*4580 *10100	4140 9130	*3940 *8690	2660 5860			*1740 *3840	*1740 *3840	7.36 (24.2)
1.5 m (4.9 ft)	kg lb			*8710 *19200	7090 15630	*5650 *12460	3870 8530	*4380 *9660	2550 5620	*1910 *4210	1810 3990	*1810 *3990	1800 3970	7.52 (24.7)
0.0 m (0.0 ft)	kg lb			*7520 *16580	6620 14590	*6230 *13730	3660 8070	*4600 *10140	2440 5380			*1990 *4390	1820 4010	7.37 (24.2)
-1.5 m (-4.9 ft)	kg lb	*4220 *9300	*4220 *9300	*9240 *20370	6490 14310	*6170 *13600	3550 7830	*4450 *9810	2390 5270			*2340 *5160	1990 4390	6.89 (22.6)
-3.0 m (-9.8 ft)	kg lb	*7330 *16160	*7330 *16160	*7660 *16890	6540 14420	*5270 *11620	3550 7830	*3120 *6880	2420 5340			*3100 *6830	2420 5340	6.00 (19.7)
-4.5 m (-14.8 ft)	kg lb			*4550 *10030	*4550 *10030							*2630 *5800	*2630 *5800	4.47 (14.7)

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.

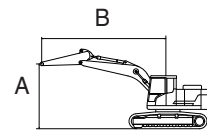
Consult with your local HD Hyundai Construction Equipment dealer regarding the lifting capacities for specific work tools and attachments.













▲ 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	
HX145A LCR	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4600	3000	3300	600	-	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 lb											*2310 *5090	*2310 *5090	4.43 (14.5)
6.0 m (19.7 ft)	kg lb					*3270 *7210	*3270 *7210					*1900 *4190	*1900 *4190	5.98 (19.6)
4.5 m (14.8 ft)	kg lb					*3440 *7580	*3440 *7580	*3210 *7080	2740 6040			*1760 *3880	*1760 *3880	6.88 (22.6)
3.0 m (9.8 ft)	kg lb			*5080 *11200	*5080 *11200	*4580 *10100	4140 9130	*3940 *8690	2660 5860			*1740 *3840	*1740 *3840	7.36 (24.2)
1.5 m (4.9 ft)	kg lb			*8710 *19200	7090 15630	*5650 *12460	3870 8530	3990 8800	2550 5620	*1910 *4210	1810 3990	*1810 *3990	1800 3970	7.52 (24.7)
0.0 m (0.0 ft)	kg lb			*7520 *16580	6620 14590	6020 13270	3660 8070	3880 8550	2440 5380			*1990 *4390	1820 4010	7.37 (24.2)
-1.5 m (-4.9 ft)	kg lb	*4220 *9300	*4220 *9300	*9240 *20370	6490 14310	5890 12990	3550 7830	3810 8400	2390 5270			*2340 *5160	1990 4390	6.89 (22.6)
-3.0 m (-9.8 ft)	kg lb	*7330 *16160	*7330 *16160	*7660 *16890	6540 14420	*5270 *11620	3550 7830	*3120 *6880	2420 5340			*3100 *6830	2420 5340	6.00 (19.7)
-4.5 m (-14.8 ft)	kg lb			*4550 *10030	*4550 *10030							*2630 *5800	*2630 *5800	4.47 (14.7)

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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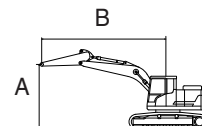
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4) HX145A LCRD 2-PIECE BOOM

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX145A LCR	2-PIECE BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4939	2100	2800	600	-	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)		Capacity		Reach
										m (ft)
7.5 m (24.6 ft)	kg lb	*5010 *11050	*5010 *11050					*4600 *10140	*4600 *10140	3.52 (11.5)
6.0 m (19.7 ft)	kg lb			*4150 *9150	4060 8950			*3580 *7890	3020 6660	5.35 (17.5)
4.5 m (14.8 ft)	kg lb	*5230 *11530	*5230 *11530	*4430 *9770	3960 8730	*3970 *8750	2500 5510	*3290 *7250	2270 5000	6.33 (20.8)
3.0 m (9.8 ft)	kg lb			*5190 *11440	3720 8200	*4180 *9220	2420 5340	*3250 *7170	1950 4300	6.86 (22.5)
1.5 m (4.9 ft)	kg lb			*5940 *13100	3470 7650	*4470 *9850	2320 5110	*3390 *7470	1840 4060	7.03 (23.1)
0.0 m (0.0 ft)	kg lb			*6230 *13730	3320 7320	*4570 *10080	2240 4940	*3740 *8250	1870 4120	6.86 (22.5)
-1.5 m (-4.9 ft)	kg lb	*7730 *17040	6050 13340	*5890 *12990	3280 7230	*4230 *9330	2220 4890	*3810 *8400	2070 4560	6.35 (20.8)
-3.0 m (-9.8 ft)	kg lb			*4710 *10380	3350 7390					

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	
HX145A LCR	2-PIECE BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4939	2100	2800	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)		Capacity		Reach
										m (ft)
7.5 m (24.6 ft)	kg lb	*5010 *11050	*5010 *11050					*4600 *10140	*4600 *10140	3.52 (11.5)
6.0 m (19.7 ft)	kg lb			*4150 *9150	4060 8950			*3580 *7890	3020 6660	5.35 (17.5)
4.5 m (14.8 ft)	kg lb	*5230 *11530	*5230 *11530	*4430 *9770	3960 8730	3920 8640	2500 5510	*3290 *7250	2270 5000	6.33 (20.8)
3.0 m (9.8 ft)	kg lb			*5190 *11440	3720 8200	3830 8440	2420 5340	3090 6810	1950 4300	6.86 (22.5)
1.5 m (4.9 ft)	kg lb			5770 12720	3470 7650	3720 8200	2320 5110	2930 6460	1840 4060	7.03 (23.1)
0.0 m (0.0 ft)	kg lb			5590 12320	3320 7320	3630 8000	2240 4940	2990 6590	1870 4120	6.86 (22.5)
-1.5 m (-4.9 ft)	kg lb	*7730 *17040	6050 13340	5550 12240	3280 7230	3610 7960	2220 4890	3350 7390	2070 4560	6.35 (20.8)
-3.0 m (-9.8 ft)	kg lb			*4710 *10380	3350 7390					

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.









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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX145A LCR	2-PIECE BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4939	2100	3300	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)		Capacity		Reach
										m (ft)
7.5 m (24.6 ft)	kg lb	*5010 *11050	*5010 *11050					*4600 *10140	*4600 *10140	3.52 (11.5)
6.0 m (19.7 ft)	kg lb			*4150 *9150	*4150 *9150			*3580 *7890	3230 7120	5.35 (17.5)
4.5 m (14.8 ft)	kg lb	*5230 *11530	*5230 *11530	*4430 *9770	4220 9300	*3970 *8750	2680 5910	*3290 *7250	2440 5380	6.33 (20.8)
3.0 m (9.8 ft)	kg lb			*5190 *11440	3980 8770	*4180 *9220	2600 5730	*3250 *7170	2110 4650	6.86 (22.5)
1.5 m (4.9 ft)	kg lb			*5940 *13100	3730 8220	*4470 *9850	2500 5510	*3390 *7470	1980 4370	7.03 (23.1)
0.0 m (0.0 ft)	kg lb			*6230 *13730	3580 7890	*4570 *10080	2420 5340	*3740 *8250	2020 4450	6.86 (22.5)
-1.5 m (-4.9 ft)	kg lb	*7730 *17040	6510 14350	*5890 *12990	3540 7800	*4230 *9330	2400 5290	*3810 *8400	2240 4940	6.35 (20.8)
-3.0 m (-9.8 ft)	kg lb			*4710 *10380	3610 7960					

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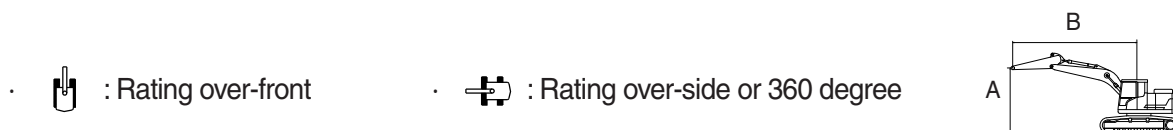
Lifting capacities will vary with different work tools, ground conditions and attachments.









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

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	
HX145A LCR	2-PIECE BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4939	2100	3300	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)		Capacity		Reach
										m (ft)
7.5 m (24.6 ft)	kg lb	*5010 *11050	*5010 *11050					*4600 *10140	*4600 *10140	3.52 (11.5)
6.0 m (19.7 ft)	kg lb			*4150 *9150	*4150 *9150			*3580 *7890	3230 7120	5.35 (17.5)
4.5 m (14.8 ft)	kg lb	*5230 *11530	*5230 *11530	*4430 *9770	4220 9300	*3970 *8750	2680 5910	*3290 *7250	2440 5380	6.33 (20.8)
3.0 m (9.8 ft)	kg lb			*5190 *11440	3980 8770	4070 8970	2600 5730	*3250 *7170	2110 4650	6.86 (22.5)
1.5 m (4.9 ft)	kg lb			*5940 *13100	3730 8220	3960 8730	2500 5510	3120 6880	1980 4370	7.03 (23.1)
0.0 m (0.0 ft)	kg lb			5950 13120	3580 7890	3870 8530	2420 5340	3200 7050	2020 4450	6.86 (22.5)
-1.5 m (-4.9 ft)	kg lb	*7730 *17040	6510 14350	*5890 *12990	3540 7800	3850 8490	2400 5290	3570 7870	2240 4940	6.35 (20.8)
-3.0 m (-9.8 ft)	kg lb			*4710 *10380	3610 7960					

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.

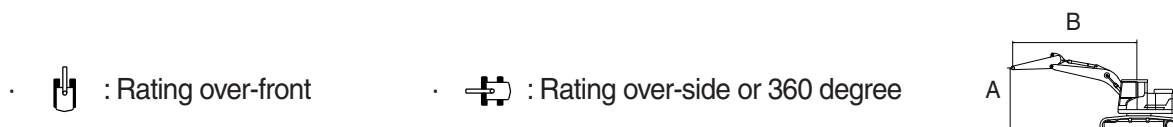
Lifting capacities will vary with different work tools, ground conditions and attachments.









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	
HX145A LCR	2-PIECE BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4939	2500	2800	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)		Capacity		Reach
										m (ft)
7.5 m (24.6 ft)	kg lb							*3070 *6770	*3070 *6770	4.28 (14.0)
6.0 m (19.7 ft)	kg lb			*3770 *8310	*3770 *8310			*2480 *5470	*2480 *5470	5.87 (19.3)
4.5 m (14.8 ft)	kg lb	*3760 *8290	*3760 *8290	*4090 *9020	4010 8840	*3700 *8160	2520 5560	*2280 *5030	2030 4480	6.78 (22.3)
3.0 m (9.8 ft)	kg lb	*7110 *15670	7020 15480	*4880 *10760	3760 8290	*3980 *8770	2430 5360	*2240 *4940	1770 3900	7.27 (23.9)
1.5 m (4.9 ft)	kg lb			*5720 *12610	3490 7690	*4330 *9550	2310 5090	*2320 *5110	1670 3680	7.43 (24.4)
0.0 m (0.0 ft)	kg lb	*3870 *8530	*3870 *8530	*6150 *13560	3300 7280	*4520 *9960	2220 4890	*2520 *5560	1690 3730	7.28 (23.9)
-1.5 m (-4.9 ft)	kg lb	*7060 *15560	5950 13120	*5990 *13210	3230 7120	*4350 *9590	2180 4810	*2930 *6460	1850 4080	6.79 (22.3)
-3.0 m (-9.8 ft)	kg lb	*7150 *15760	6060 13360	*5090 *11220	3270 7210					

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.









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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	
HX145A LCR	2-PIECE BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4939	2500	2800	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)		Capacity		Reach
										m (ft)
7.5 m (24.6 ft)	kg lb							*3070 *6770	*3070 *6770	4.28 (14.0)
6.0 m (19.7 ft)	kg lb			*3770 *8310	*3770 *8310			*2480 *5470	*2480 *5470	5.87 (19.3)
4.5 m (14.8 ft)	kg lb	*3760 *8290	*3760 *8290	*4090 *9020	4010 8840	*3700 *8160	2520 5560	*2280 *5030	2030 4480	6.78 (22.3)
3.0 m (9.8 ft)	kg lb	*7110 *15670	7020 15480	*4880 *10760	3760 8290	3840 8470	2430 5360	*2240 *4940	1770 3900	7.27 (23.9)
1.5 m (4.9 ft)	kg lb			*5720 *12610	3490 7690	3710 8180	2310 5090	*2320 *5110	1670 3680	7.43 (24.4)
0.0 m (0.0 ft)	kg lb	*3870 *8530	*3870 *8530	5580 12300	3300 7280	3610 7960	2220 4890	*2520 *5560	1690 3730	7.28 (23.9)
-1.5 m (-4.9 ft)	kg lb	*7060 *15560	5950 13120	5500 12130	3230 7120	3560 7850	2180 4810	*2930 *6460	1850 4080	6.79 (22.3)
-3.0 m (-9.8 ft)	kg lb	*7150 *15760	6060 13360	*5090 *11220	3270 7210					

Note 1. Lifting capacity are based on ISO 10567.

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









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

Consult 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	
HX145A LCR	2-PIECE BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4939	2500	3300	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)		Capacity		Reach
										m (ft)
7.5 m (24.6 ft)	kg lb							*3070 *6770	*3070 *6770	4.28 (14.0)
6.0 m (19.7 ft)	kg lb			*3770 *8310	*3770 *8310			*2480 *5470	*2480 *5470	5.87 (19.3)
4.5 m (14.8 ft)	kg lb	*3760 *8290	*3760 *8290	*4090 *9020	*4090 *9020	*3700 *8160	2700 5950	*2280 *5030	2180 4810	6.78 (22.3)
3.0 m (9.8 ft)	kg lb	*7110 *15670	*7110 *15670	*4880 *10760	4020 8860	*3980 *8770	2610 5750	*2240 *4940	1910 4210	7.27 (23.9)
1.5 m (4.9 ft)	kg lb			*5720 *12610	3740 8250	*4330 *9550	2490 5490	*2320 *5110	1810 3990	7.43 (24.4)
0.0 m (0.0 ft)	kg lb	*3870 *8530	*3870 *8530	*6150 *13560	3560 7850	*4520 *9960	2390 5270	*2520 *5560	1830 4030	7.28 (23.9)
-1.5 m (-4.9 ft)	kg lb	*7060 *15560	6410 14130	*5990 *13210	3490 7690	*4350 *9590	2360 5200	*2930 *6460	2010 4430	6.79 (22.3)
-3.0 m (-9.8 ft)	kg lb	*7150 *15760	6520 14370	*5090 *11220	3530 7780					

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	
HX145A LCR	2-PIECE BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4939	2500	3300	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)		Capacity		Reach
										m (ft)
7.5 m (24.6 ft)	kg lb							*3070 *6770	*3070 *6770	4.28 (14.0)
6.0 m (19.7 ft)	kg lb			*3770 *8310	*3770 *8310			*2480 *5470	*2480 *5470	5.87 (19.3)
4.5 m (14.8 ft)	kg lb	*3760 *8290	*3760 *8290	*4090 *9020	*4090 *9020	*3700 *8160	2700 5950	*2280 *5030	2180 4810	6.78 (22.3)
3.0 m (9.8 ft)	kg lb	*7110 *15670	*7110 *15670	*4880 *10760	4020 8860	*3980 *8770	2610 5750	*2240 *4940	1910 4210	7.27 (23.9)
1.5 m (4.9 ft)	kg lb			*5720 *12610	3740 8250	3950 8710	2490 5490	*2320 *5110	1810 3990	7.43 (24.4)
0.0 m (0.0 ft)	kg lb	*3870 *8530	*3870 *8530	5940 13100	3560 7850	3850 8490	2390 5270	*2520 *5560	1830 4030	7.28 (23.9)
-1.5 m (-4.9 ft)	kg lb	*7060 *15560	6410 14130	5860 12920	3490 7690	3800 8380	2360 5200	*2930 *6460	2010 4430	6.79 (22.3)
-3.0 m (-9.8 ft)	kg lb	*7150 *15760	6520 14370	*5090 *11220	3530 7780					

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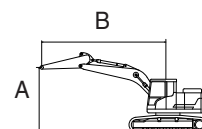
▲ Failure to comply to the rated load can cause serious injury, death, or property damage. Make adjustments to the rated load as necessary for non-standard configurations.









5) HX145A LCR HW, MONO BOOM

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX145A LCR HW	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4100	1900	2800	800	-	-	-	-	-

·  : 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)		Capacity		Reach
										m (ft)
6.0 m (19.7 ft)	kg lb			*5750 *12680	*5750 *12680			*2930 *6460	*2930 *6460	4.11 (13.5)
4.5 m (14.8 ft)	kg lb			*6360 *14020	*6360 *14020	*5340 *11770	4520 9960	*2590 *5710	*2590 *5710	5.27 (17.3)
3.0 m (9.8 ft)	kg lb			*8350 *18410	8140 17950	*5880 *12960	4370 9630	*2570 *5670	*2570 *5670	5.82 (19.1)
1.5 m (4.9 ft)	kg lb					*6430 *14180	4180 9220	*2750 *6060	*2750 *6060	5.96 (19.5)
0.0 m (0.0 ft)	kg lb			*9540 *21030	7380 16270	*6370 *14040	4060 8950	*3210 *7080	2950 6500	5.70 (18.7)
-1.5 m (-4.9 ft)	kg lb	*9970 *21980	*9970 *21980	*7710 *17000	7400 16310	*5200 *11460	4050 8930	*4290 *9460	3550 7830	4.98 (16.3)
-3.0 m (-9.8 ft)	kg lb			*4710 *10380	3350 7390					

Note 1. Lifting capacity are based on ISO 10567.

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4. *Indicates load limited by hydraulic capacity.

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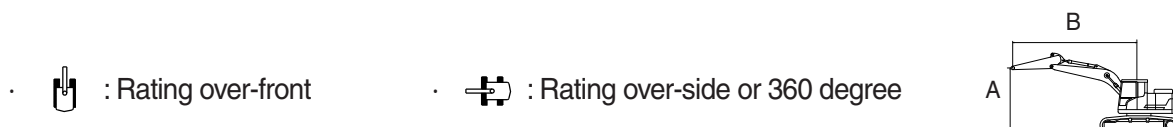
Lifting capacities will vary with different work tools, ground conditions and attachments.









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		Outrigger	
HX145A LCR HW	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4100	1900	3300	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)		Capacity		Reach
										m (ft)
6.0 m (19.7 ft)	kg lb			*5750 *12680	*5750 *12680			*2930 *6460	*2930 *6460	4.11 (13.5)
4.5 m (14.8 ft)	kg lb			*6360 *14020	*6360 *14020	*5340 *11770	4780 10540	*2590 *5710	*2590 *5710	5.27 (17.3)
3.0 m (9.8 ft)	kg lb			*8350 *18410	*8350 *18410	*5880 *12960	4630 10210	*2570 *5670	*2570 *5670	5.82 (19.1)
1.5 m (4.9 ft)	kg lb					*6430 *14180	4440 9790	*2750 *6060	*2750 *6060	5.96 (19.5)
0.0 m (0.0 ft)	kg lb			*9540 *21030	7850 17310	*6370 *14040	4320 9520	*3210 *7080	3140 6920	5.70 (18.7)
-1.5 m (-4.9 ft)	kg lb	*9970 *21980	*9970 *21980	*7710 *17000	*7710 *17000	*5200 *11460	4320 9520	*4290 *9460	3770 8310	4.98 (16.3)

Note 1. Lifting capacity are based on ISO 10567.

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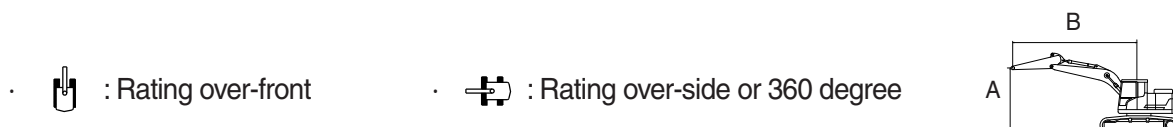
Lifting capacities will vary with different work tools, ground conditions and attachments.











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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX145A LCR HW	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4600	2100	2800	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)		Capacity		Reach
												m (ft)
7.5 m (24.6 ft)	kg lb			*4760 *10490	*4760 *10490					*4240 *9350	*4240 *9350	3.18 (10.4)
6.0 m (19.7 ft)	kg lb			*4930 *10870	*4930 *10870	*4630 *10210	4590 10120			*3290 *7250	*3290 *7250	5.06 (16.6)
4.5 m (14.8 ft)	kg lb			*5680 *12520	*5680 *12520	*4850 *10690	4510 9940	*3260 *7190	2870 6330	*3050 *6720	2840 6260	6.03 (19.8)
3.0 m (9.8 ft)	kg lb					*5570 *12280	4300 9480	4420 9740	2820 6220	*3060 *6750	2480 5470	6.52 (21.4)
1.5 m (4.9 ft)	kg lb					*6230 *13730	4080 8990	4320 9520	2730 6020	*3260 *7190	2360 5200	6.64 (21.8)
0.0 m (0.0 ft)	kg lb			*6820 *15040	*6820 *15040	*6330 *13960	3950 8710	4260 9390	2670 5890	*3710 *8180	2450 5400	6.41 (21.0)
-1.5 m (-4.9 ft)	kg lb	*5990 *13210	*5990 *13210	*7990 *17610	7210 15900	*5660 *12480	3930 8660			*3960 *8730	2810 6190	5.79 (19.0)
-3.0 m (-9.8 ft)	kg lb			*5470 *12060	*5470 *12060	*3570 *7870	*3570 *7870			*3360 *7410	*3360 *7410	4.61 (15.1)

Note 1. Lifting capacity are based on ISO 10567.

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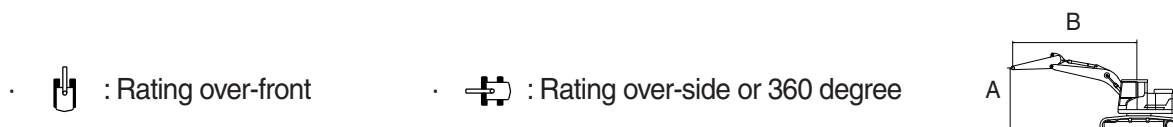
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▲ Failure to comply to the rated load can cause serious injury, death, or property damage. Make adjustments to the rated load as necessary for non-standard configurations.

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX145A LCR HW	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4600	2100	3300	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)		Capacity		Reach
												m (ft)
7.5 m (24.6 ft)	kg lb			*4760 *10490	*4760 *10490					*4240 *9350	*4240 *9350	3.18 (10.4)
6.0 m (19.7 ft)	kg lb			*4930 *10870	*4930 *10870	*4630 *10210	*4630 *10210			*3290 *7250	*3290 *7250	5.06 (16.6)
4.5 m (14.8 ft)	kg lb			*5680 *12520	*5680 *12520	*4850 *10690	4770 10520	*3260 *7190	3050 6720	*3050 *6720	3030 6680	6.03 (19.8)
3.0 m (9.8 ft)	kg lb					*5570 *12280	4560 10050	*4490 *9900	3000 6610	*3060 *6750	2640 5820	6.52 (21.4)
1.5 m (4.9 ft)	kg lb					*6230 *13730	4340 9570	4560 10050	2910 6420	*3260 *7190	2520 5560	6.64 (21.8)
0.0 m (0.0 ft)	kg lb			*6820 *15040	*6820 *15040	*6330 *13960	4210 9280	4490 9900	2850 6280	*3710 *8180	2610 5750	6.41 (21.0)
-1.5 m (-4.9 ft)	kg lb	*5990 *13210	*5990 *13210	*7990 *17610	7680 16930	*5660 *12480	4190 9240			*3960 *8730	3000 6610	5.79 (19.0)
-3.0 m (-9.8 ft)	kg lb			*5470 *12060	*5470 *12060	*3570 *7870	*3570 *7870			*3360 *7410	*3360 *7410	4.61 (15.1)

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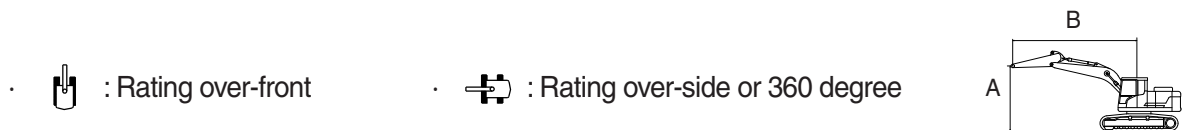
Lifting capacities will vary with different work tools, ground conditions and attachments.











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

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	
HX145A LCR HW	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4600	2500	2800	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)		Capacity		Reach
												m (ft)
7.5 m (24.6 ft)	kg lb									*2740 *6040	*2740 *6040	3.98 (13.1)
6.0 m (19.7 ft)	kg lb					*3890 *8580	*3890 *8580			*2210 *4870	*2210 *4870	5.59 (18.3)
4.5 m (14.8 ft)	kg lb			*4110 *9060	*4110 *9060	*4440 *9790	*4440 *9790	*3530 *7780	2900 6390	*2050 *4520	*2050 *4520	6.48 (21.3)
3.0 m (9.8 ft)	kg lb			*7560 *16670	*7560 *16670	*5270 *11620	4330 9550	*4300 *9480	2820 6220	*2040 *4500	*2040 *4500	6.94 (22.8)
1.5 m (4.9 ft)	kg lb			*7200 *15870	*7200 *15870	*6040 *13320	4090 9020	4320 9520	2720 6000	*2140 *4720	*2140 *4720	7.05 (23.1)
0.0 m (0.0 ft)	kg lb			*7050 *15540	*7050 *15540	*6320 *13930	3930 8660	4230 9330	2640 5820	*2390 *5270	2210 4870	6.84 (22.4)
-1.5 m (-4.9 ft)	kg lb	*5250 *11570	*5250 *11570	*8510 *18760	7120 15700	*5870 *12940	3870 8530	*4080 *8990	2630 5800	*2920 *6440	2490 5490	6.25 (20.5)
-3.0 m (-9.8 ft)	kg lb	*8900 *19620	*8900 *19620	*6330 *13960	*6330 *13960	*4360 *9610	3940 8690			*3300 *7280	3270 7210	5.19 (17.0)

Note 1. Lifting capacity are based on ISO 10567.

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

3. The Lift-point is bucket pivot mounting pin on the arm (without bucket mass).

4. *Indicates load limited by hydraulic capacity.

※ Lifting capacities are based upon a standard machine conditions.

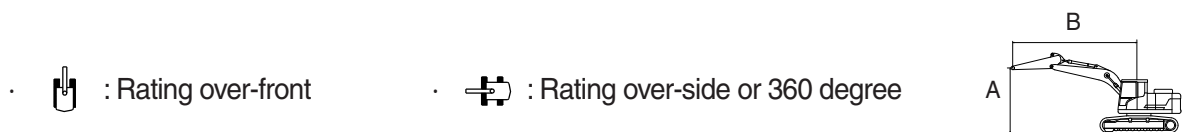
Lifting capacities will vary with different work tools, ground conditions and attachments.











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

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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	
HX145A LCR HW	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4600	2500	3300	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)		Capacity		Reach
												m (ft)
7.5 m (24.6 ft)	kg lb									*2740 *6040	*2740 *6040	3.98 (13.1)
6.0 m (19.7 ft)	kg lb					*3890 *8580	*3890 *8580			*2210 *4870	*2210 *4870	5.59 (18.3)
4.5 m (14.8 ft)	kg lb			*4110 *9060	*4110 *9060	*4440 *9790	*4440 *9790	*3530 *7780	3080 6790	*2050 *4520	*2050 *4520	6.48 (21.3)
3.0 m (9.8 ft)	kg lb			*7560 *16670	*7560 *16670	*5270 *11620	4600 10140	*4300 *9480	3000 6610	*2040 *4500	*2040 *4500	6.94 (22.8)
1.5 m (4.9 ft)	kg lb			*7200 *15870	*7200 *15870	*6040 *13320	4350 9590	4550 10030	2900 6390	*2140 *4720	*2140 *4720	7.05 (23.1)
0.0 m (0.0 ft)	kg lb			*7050 *15540	*7050 *15540	*6320 *13930	4190 9240	4470 9850	2820 6220	*2390 *5270	2370 5220	6.84 (22.4)
-1.5 m (-4.9 ft)	kg lb	*5250 *11570	*5250 *11570	*8510 *18760	7590 16730	*5870 *12940	4140 9130	*4080 *8990	2810 6190	*2920 *6440	2670 5890	6.25 (20.5)
-3.0 m (-9.8 ft)	kg lb	*8900 *19620	*8900 *19620	*6330 *13960	*6330 *13960	*4360 *9610	4200 9260			*3300 *7280	*3300 *7280	5.19 (17.0)

Note 1. Lifting capacity are based on ISO 10567.

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

3. The Lift-point is bucket pivot mounting pin on the arm (without bucket mass).

4. *Indicates load limited by hydraulic capacity.

※ Lifting capacities are based upon a standard machine conditions.

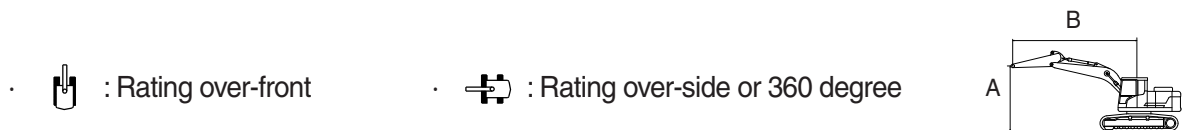
Lifting capacities will vary with different work tools, ground conditions and attachments.













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

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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX145A LCR HW	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4600	3000	2800	800	-	-	-	-	-



Lift-point height (A)		Lift-point radius (B)										At max. reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach
														m (ft)
7.5 m (24.6 ft)	kg lb					*2750 *6060	*2750 *6060					*2200 *4850	*2200 *4850	4.76 (15.6)
6.0 m (19.7 ft)	kg lb					*3280 *7230	*3280 *7230	*2330 *5140	*2330 *5140			*1860 *4100	*1860 *4100	6.17 (20.2)
4.5 m (14.8 ft)	kg lb					*3530 *7780	*3530 *7780	*3320 *7320	2940 6480			*1750 *3860	*1750 *3860	6.98 (22.9)
3.0 m (9.8 ft)	kg lb			*6650 *14660	*6650 *14660	*4880 *10760	4410 9720	*4070 *8970	2850 6280			*1750 *3860	*1750 *3860	7.41 (24.3)
1.5 m (4.9 ft)	kg lb			*9010 *19860	7580 16710	*5780 *12740	4140 9130	4340 9570	2740 6040	*1910 *4210	*1910 *4210	*1830 *4030	*1830 *4030	7.51 (24.7)
0.0 m (0.0 ft)	kg lb			*7570 *16690	7180 15830	*6270 *13820	3940 8690	4230 9330	2640 5820			*2030 *4480	2000 4410	7.31 (24.0)
-1.5 m (-4.9 ft)	kg lb	*4670 *10300	*4670 *10300	*9050 *19950	7080 15610	*6080 *13400	3850 8490	4180 9220	2600 5730			*2430 *5360	2210 4870	6.77 (22.2)
-3.0 m (-9.8 ft)	kg lb	*7980 *17590	*7980 *17590	*7280 *16050	7160 15790	*5010 *11050	3880 8550					*3290 *7250	2760 6080	5.80 (19.0)
-4.5 m (-14.8 ft)	kg lb			*4550 *10030	*4550 *10030							*2630 *5800	*2630 *5800	4.47 (14.7)

- 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.
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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.

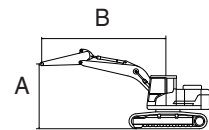
Consult with your local HD Hyundai Construction Equipment dealer regarding the lifting capacities for specific work tools and attachments.













▲ 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		Outrigger	
HX145A LCR HW	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4600	3000	3300	800	-	-	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)		Lift-point radius (B)										At max. reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach
														m (ft)
7.5 m (24.6 ft)	kg lb					*2750 *6060	*2750 *6060					*2200 *4850	*2200 *4850	4.76 (15.6)
6.0 m (19.7 ft)	kg lb					*3280 *7230	*3280 *7230	*2330 *5140	*2330 *5140			*1860 *4100	*1860 *4100	6.17 (20.2)
4.5 m (14.8 ft)	kg lb					*3530 *7780	*3530 *7780	*3320 *7320	3130 6900			*1750 *3860	*1750 *3860	6.98 (22.9)
3.0 m (9.8 ft)	kg lb			*6650 *14660	*6650 *14660	*4880 *10760	4670 10300	*4070 *8970	3030 6680			*1750 *3860	*1750 *3860	7.41 (24.3)
1.5 m (4.9 ft)	kg lb			*9010 *19860	8050 17750	*5780 *12740	4400 9700	*4430 *9770	2920 6440	*1910 *4210	*1910 *4210	*1830 *4030	*1830 *4030	7.51 (24.7)
0.0 m (0.0 ft)	kg lb			*7570 *16690	*7570 *16690	*6270 *13820	4200 9260	4470 9850	2820 6220			*2030 *4480	*2030 *4480	7.31 (24.0)
-1.5 m (-4.9 ft)	kg lb	*4670 *10300	*4670 *10300	*9050 *19950	7550 16640	*6080 *13400	4120 9080	*4360 *9610	2780 6130			*2430 *5360	2370 5220	6.77 (22.2)
-3.0 m (-9.8 ft)	kg lb	*7980 *17590	*7980 *17590	*7280 *16050	*7280 *16050	*5010 *11050	4140 9130					*3290 *7250	2950 6500	5.80 (19.0)
-4.5 m (-14.8 ft)	kg lb			*4550 *10030	*4550 *10030							*2630 *5800	*2630 *5800	4.47 (14.7)

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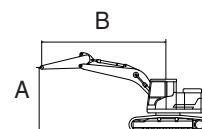
▲ Failure to comply to the rated load can cause serious injury, death, or property damage. Make adjustments to the rated load as necessary for non-standard configurations.









6) HX145A LCR HW, 2-PIECE BOOM

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX145A LCR HW	2-PIECE BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4939	2100	2800	800	-	-	-	-	-

·  : 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)		Capacity		Reach
										m (ft)
7.5 m (24.6 ft)	kg lb	*4780 *10540	*4780 *10540					*4310 *9500	*4310 *9500	3.93 (12.9)
6.0 m (19.7 ft)	kg lb	*4580 *10100	*4580 *10100	*4150 *9150	*4150 *9150			*3510 *7740	3270 7210	5.55 (18.2)
4.5 m (14.8 ft)	kg lb	*5830 *12850	*5830 *12850	*4530 *9990	4500 9920	*3980 *8770	2880 6350	*3270 *7210	2550 5620	6.45 (21.2)
3.0 m (9.8 ft)	kg lb			*5330 *11750	4250 9370	*4230 *9330	2800 6170	*3260 *7190	2250 4960	6.91 (22.7)
1.5 m (4.9 ft)	kg lb			*6030 *13290	4010 8840	4310 9500	2690 5930	3420 7540	2150 4740	7.02 (23.0)
0.0 m (0.0 ft)	kg lb			*6220 *13710	3870 8530	4230 9330	2620 5780	3550 7830	2220 4890	6.80 (22.3)
-1.5 m (-4.9 ft)	kg lb	*8030 *17700	7120 15700	*5760 *12700	3850 8490	*4080 *8990	2620 5780	*3780 *8330	2510 5530	6.22 (20.4)

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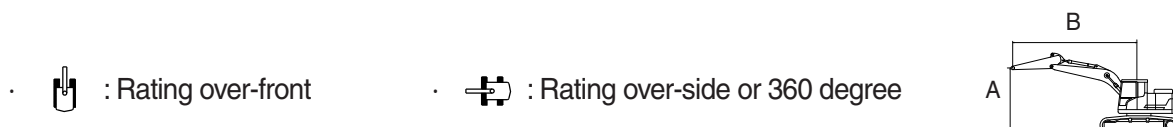
Lifting capacities will vary with different work tools, ground conditions and attachments.









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

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	
HX145A LCR HW	2-PIECE BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4939	2100	3300	800	-	-	-	-	-



Lift-point height (A)		Lift-point radius (B)						At max. reach		
		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach
										m (ft)
7.5 m (24.6 ft)	kg lb	*4780 *10540	*4780 *10540					*4310 *9500	*4310 *9500	3.93 (12.9)
6.0 m (19.7 ft)	kg lb	*4580 *10100	*4580 *10100	*4150 *9150	*4150 *9150			*3510 *7740	3470 7650	5.55 (18.2)
4.5 m (14.8 ft)	kg lb	*5830 *12850	*5830 *12850	*4530 *9990	*4530 *9990	*3980 *8770	3070 6770	*3270 *7210	2720 6000	6.45 (21.2)
3.0 m (9.8 ft)	kg lb			*5330 *11750	4510 9940	*4230 *9330	2980 6570	*3260 *7190	2400 5290	6.91 (22.7)
1.5 m (4.9 ft)	kg lb			*6030 *13290	4270 9410	*4500 *9920	2880 6350	*3430 *7560	2300 5070	7.02 (23.0)
0.0 m (0.0 ft)	kg lb			*6220 *13710	4140 9130	4460 9830	2810 6190	3750 8270	2380 5250	6.80 (22.3)
-1.5 m (-4.9 ft)	kg lb	*8030 *17700	7590 16730	*5760 *12700	4120 9080	*4080 *8990	2800 6170	*3780 *8330	2680 5910	6.22 (20.4)

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	
HX145A LCR HW	2-PIECE BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4939	2500	2800	800	-	-	-	-	-



Lift-point height (A)		Lift-point radius (B)						At max. reach		
		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach
										m (ft)
7.5 m (24.6 ft)	kg lb			*3310 *7300	*3310 *7300			*2920 *6440	*2920 *6440	4.62 (15.2)
6.0 m (19.7 ft)	kg lb			*3780 *8330	*3780 *8330	*2710 *5970	*2710 *5970	*2430 *5360	*2430 *5360	6.06 (19.9)
4.5 m (14.8 ft)	kg lb	*4040 *8910	*4040 *8910	*4200 *9260	*4200 *9260	*3730 *8220	2900 6390	*2270 *5000	*2270 *5000	6.89 (22.6)
3.0 m (9.8 ft)	kg lb			*5030 *11090	4290 9460	*4040 *8910	2800 6170	*2250 *4960	2050 4520	7.32 (24.0)
1.5 m (4.9 ft)	kg lb			*5830 *12850	4020 8860	4300 9480	2680 5910	*2340 *5160	1960 4320	7.43 (24.4)
0.0 m (0.0 ft)	kg lb	*4280 *9440	*4280 *9440	*6170 *13600	3850 8490	4200 9260	2590 5710	*2570 *5670	2010 4430	7.22 (23.7)
-1.5 m (-4.9 ft)	kg lb	*7790 *17170	7010 15450	*5900 *13010	3800 8380	4170 9190	2570 5670	*3030 *6680	2240 4940	6.68 (21.9)
-1.5 m (-4.9 ft)	kg lb			*4830 *10650	3860 8510					

Note 1. Lifting capacity are based on ISO 10567.

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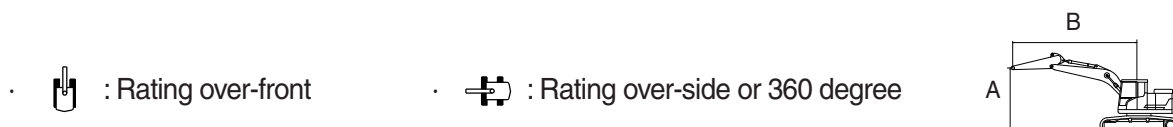
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▲ Failure to comply to the rated load can cause serious injury, death, or property damage. Make adjustments to the rated load as necessary for non-standard configurations.

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX145A LCR HW	2-PIECE BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4939	2500	3300	800	-	-	-	-	-



Lift-point height (A)		Lift-point radius (B)						At max. reach		
		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		Capacity		Reach
										m (ft)
7.5 m (24.6 ft)	kg lb			*3310 *7300	*3310 *7300			*2920 *6440	*2920 *6440	4.62 (15.2)
6.0 m (19.7 ft)	kg lb			*3780 *8330	*3780 *8330	*2710 *5970	*2710 *5970	*2430 *5360	*2430 *5360	6.06 (19.9)
4.5 m (14.8 ft)	kg lb	*4040 *8910	*4040 *8910	*4200 *9260	*4200 *9260	*3730 *8220	3090 6810	*2270 *5000	*2270 *5000	6.89 (22.6)
3.0 m (9.8 ft)	kg lb			*5030 *11090	4550 10030	*4040 *8910	2980 6570	*2250 *4960	2190 4830	7.32 (24.0)
1.5 m (4.9 ft)	kg lb			*5830 *12850	4280 9440	*4380 *9660	2860 6310	*2340 *5160	2100 4630	7.43 (24.4)
0.0 m (0.0 ft)	kg lb	*4280 *9440	*4280 *9440	*6170 *13600	4110 9060	4440 9790	2780 6130	*2570 *5670	2160 4760	7.22 (23.7)
-1.5 m (-4.9 ft)	kg lb	*7790 *17170	7480 16490	*5900 *13010	4060 8950	*4270 *9410	2750 6060	*3030 *6680	2400 5290	6.68 (21.9)
-1.5 m (-4.9 ft)	kg lb			*4830 *10650	4120 9080					

Note 1. Lifting capacity are based on ISO 10567.

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

3. The Lift-point is bucket pivot mounting pin on the arm (without bucket mass).

4. *Indicates load limited by hydraulic capacity.

※ Lifting capacities are based upon a standard machine conditions.

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

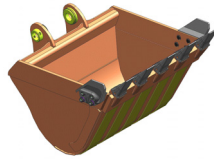
The difference between the weight of a work tool attachment must be subtracted.

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

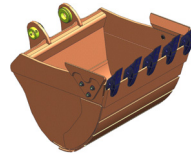
▲ Failure to comply to the rated load can cause serious injury, death, or property damage. Make adjustments to the rated load as necessary for non-standard configurations.

6. BUCKET SELECTION GUIDE

1) 2800 kg COUNTERWEIGHT



General bucket



Hammerless tooth bucket

140A2SP20

Type	Counterweight					2800 kg					
	Capacity		Width	Weight	Tooth	MONO				2-PIECE	
	SAE Heaped	CECE heaped	Without side cutter			4.1 m (13' 5") Boom	4.6 m (15' 1") Boom			4.94 m (16' 1") Boom	
	m ³ (yd ³)	m ³ (yd ³)	mm (in)	kg (lb)	EA	1.90 m (6' 3") Arm	2.10 m (6' 11") Arm	2.50 m (8' 2") Arm	3.00 m (9' 10") Arm	2.10 m (6' 11") Arm	2.50 m (8' 2") Arm
General bucket	0.58 (0.76)	0.50 (0.76)	950 (37.4")	438 (970)	5	●	●	●	◐	●	◐
	0.52 (0.68)	0.46 (0.60)	870 (34.3")	406 (900)	4	●	●	●	●	●	●
	0.65 (0.85)	0.56 (0.73)	1060 (41.7")	459 (1010)	5	●	●	◐	■	◐	■
	0.66 (0.86)	0.58 (0.76)	1050 (41.3")	493 (1090)	4	●	◐	◐	■	◐	■
	0.77 (1.01)	0.68 (0.89)	1200 (47.2")	543 (1200)	5	●	■	■	▲	■	▲
Hammerless tooth bucket	0.50 (0.65)	0.45 (0.59)	762 (30.0")	439 (970)	4	●	●	●	●	●	●
	0.61 (0.80)	0.54 (0.71)	914 (36.0")	490 (1080)	5	●	●	◐	■	◐	■

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

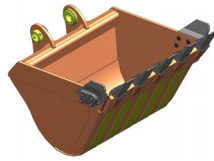
※ These recommendations are for general conditions and average use.

Work tools and ground conditions have effects on machine performance.

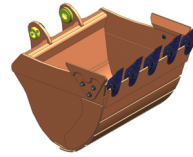
Select an optimum combination according to the working conditions and the type of work that is being done.

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

2) 3300 kg COUNTERWEIGHT



General bucket



Hammerless tooth bucket

140A2SP20

Type	Counterweight					3300 kg					
	Capacity		Width	Weight	Tooth	MONO				2-PIECE	
	SAE Heaped	CECE heaped	Without side cutter			4.1 m (13' 5") Boom	4.6 m (15' 1") Boom			4.94 m (16' 1") Boom	
	m³ (yd³)	m³ (yd³)	mm (in)	kg (lb)	EA	1.90 m (6' 3") Arm	2.10 m (6' 11") Arm	2.50 m (8' 2") Arm	3.00 m (9' 10") Arm	2.10 m (6' 11") Arm	2.50 m (8' 2") Arm
General bucket	0.58 (0.76)	0.50 (0.76)	950 (37.4")	438 (970)	5	●	●	●	◐	●	◐
	0.52 (0.68)	0.46 (0.60)	870 (34.3")	406 (900)	4	●	●	●	●	●	●
	0.65 (0.85)	0.56 (0.73)	1060 (41.7")	459 (1010)	5	●	●	◐	◐	◐	◐
	0.66 (0.86)	0.58 (0.76)	1050 (41.3")	493 (1090)	4	●	●	◐	■	◐	■
	0.77 (1.01)	0.68 (0.89)	1200 (47.2")	543 (1200)	5	●	◐	■	▲	■	▲
Hammer-less tooth bucket	0.50 (0.65)	0.45 (0.59)	762 (30.0")	439 (970)	4	●	●	●	●	●	●
	0.61 (0.80)	0.54 (0.71)	914 (36.0")	490 (1080)	5	●	●	●	◐	●	◐

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

※ These recommendations are for general conditions and average use.

Work tools and ground conditions have effects on machine performance.

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

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

7. UNDERCARRIAGE

1) TYPES OF SHOES

Model	Description	Unit		Triple grouser					
	width	mm	(in)	500	(20")	600	(24")	700	(28")
HX145A LCR	Operating weight	kg	(lb)	15215	33540	15430	34020	15650	34500
	Ground pressure	kgf/cm ²	(psi)	0.46	(6.5)	0.39	(5.5)	0.34	(4.8)
	Overall width	mm		2490	(8' 2")	2590	(8' 6")	2690	(8' 10")
	Link quantity	EA		47		47		47	
HX145A LCRD	Operating weight	kg	(lb)	16015	35310	16240	35800	16465	36300
	Ground pressure	kgf/cm ²	(psi)	0.48	(6.8)	0.41	(5.8)	0.35	(5.0)
	Overall width	mm		2490	(8' 2")	2590	(8' 6")	2690	(8' 10")
	Link quantity	EA		47		47		47	

Model	Description	Unit		Rubber pad-bolt on type		Rubber pad	
	width	mm	(in)	600	(24")	500	(20")
HX145A LCR	Operating weight	kg	(lb)	15990	35250	15185	33480
	Ground pressure	kgf/cm ²	(psi)	0.39	(5.6)	0.45	(6.4)
	Overall width	mm		2590	(8' 6")	2490	(8' 2")
	Link quantity	EA		47		47	
HX145A LCRD	Operating weight	kg	(lb)	16800	37040	15985	35240
	Ground pressure	kgf/cm ²	(psi)	0.41	(5.9)	0.47	(6.7)
	Overall width	mm		2590	(8' 6")	2490	(8' 2")
	Link quantity	EA		47		47	

Model	Description	Unit		Triple grouser			
	width	mm	(in)	700	(28")	800	(32")
HX145A LCR HW	Operating weight	kg	(lb)	17880	39420	18120	39950
	Ground pressure	kgf/cm ²	(psi)	0.39	(5.5)	0.34	(4.9)
	Overall width	mm		2740	(9' 0")	2840	(9' 4")
	Link quantity	EA		47		47	

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

Model	Track shoe	Specification	Category
HX130A LCR LCRD	500 mm triple grouser	Standard	A
	600 mm triple grouser	Option	B
	700 mm triple grouser	Option	C
	700 mm triple grouser-HW	Option	C
	800 mm triple grouser-HW	Option	C
	600 mm rubber pad-bolt on type	Option	C
	500 mm rubber pad	Option	C

Table 2

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

8. SPECIFICATIONS FOR MAJOR COMPONENTS

1) ENGINE

Item	Specification
Maker / Model	Cummins / F3.8
Type	4-cycle, turbocharged, charge air cooled, electronic controlled diesel engine
Cooling method	Water cooled
Number of cylinders and arrangement	4 cylinders, in-line
Firing order	1-3-4-2
Combustion chamber type	Direct injection type
Cylinder bore × stroke	102 × 115 mm (4.02" × 4.53")
Displacement	3.8 ℓ (229 cu in)
Compression ratio	17.2 : 1
Gross power	134 Hp (100 kW) at 2200 rpm
Net power	131 Hp (98 kW) at 2200 rpm
Max. power	134 Hp (100 kW) at 2200 rpm
Peak Torque	550 N · m (406 lbf · ft) at 1500 rpm
Engine oil quantity	12 ℓ (3.2 U.S. gal)
Wet weight	360 kg (794 lb)
Starter motor	24 V-4.8 kW
Alternator	24 V-70 A

2) MAIN PUMP

Item	Specification
Type	Variable displacement tandem axis piston pumps
Capacity	2 × 65 cc/rev
Maximum pressure	350 kgf/cm ² (4980 psi)
Maximum pressure (power boost)	380 kgf/cm ² (5400 psi)
Rated oil flow	2 × 127 ℓ /min (33.5 U.S. gpm / 27.9 U.K. gpm)
Rated speed	1950 rpm

3) GEAR PUMP

Item	Specification
Type	Fixed displacement gear pump single stage
Capacity	15 cc/rev
Maximum pressure	40 kgf/cm ² (570 psi)
Rated oil flow	29.3 ℓ /min (7.7 U.S. gpm/6.4 U.K. gpm)

4) MAIN CONTROL VALVE

Item	Specification
Type	11 spools two block
Operating method	Hydraulic pilot system
Main relief valve pressure	350 kgf/cm ² (4980 psi)
Main relief valve pressure (power boost)	380 kgf/cm ² (5400 psi)
Port relief valve pressure	Boom 400 kgf/cm ² (5690 psi)
	Arm 400 kgf/cm ² (5690 psi)
	Bucket 400 kgf/cm ² (5690 psi)

5) SWING MOTOR

Item	Specification
Type	Fixed displacement axial piston motor
Capacity	72 cc/rev
Relief pressure	280 kgf/cm ² (3990 psi)
Braking system	Automatic, spring applied hydraulic released
Braking torque	640 kgf · m (4629 lbf · ft) over
Brake release pressure	24 kgf/cm ² (341 psi)
Reduction gear type	2 - stage planetary

6) TRAVEL MOTOR

Item	Specification	
	Type 1	Type 2 (HW)
Type	Variable displacement axial piston motor	
Capacity	77/44.5 cc/rev	118/67 cc/rev
Relief pressure	350 kgf/cm ² (4980 psi)	
Braking system	Automatic, spring applied hydraulic released	
Braking torque	33.1 kgf · m (239 lbf · ft)	49.3 kgf · m (357 lbf · ft)
Brake release pressure	12.5~15.9 kgf/cm ² (202~239 psi)	11 kgf/cm ² (157 psi)
Reduction gear type	2-stage planetary	

7) CYLINDER

Item		Specification
Boom cylinder (mono, 2-piece boom 1st)	Bore dia × Stroke	Ø 105 × 1105 mm
	Cushion	Extend only
Arm cylinder	Bore dia × Stroke	Ø 115 × 1138 mm
	Cushion	Extend and retract
Adjust cylinder (2-piece boom)	Bore dia × Stroke	Ø 145 × 613 mm
	Cushion	-
Adjust boom cylinder (2-piece boom)	Bore dia × Stroke	Ø 105 × 995 mm
	Cushion	Extend only
Bucket cylinder	Bore dia × Stroke	Ø 100 × 850 mm
	Cushion	Extend only
Dozer cylinder	Bore dia × Stroke	Ø 100 × 250 mm
	Cushion	-

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

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

9. RECOMMENDED OILS

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

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

Service point	Kind of fluid	Capacity ℓ (U.S. gal)	Ambient temperature °C (°F)									
			-50 (-58)	-30 (-22)	-20 (-4)	-10 (14)	0 (32)	10 (50)	20 (68)	30 (86)	40 (104)	
Engine oil pan	Engine oil	12.0 (3.2)	★SAE 0W-40									
			SAE 5W-40									
			SAE 15W-40									
DEF/ AdBlue® tank	Mixture of urea and deionized water	27 (7.1)	ISO 22241, High-purity urea + deionized water (32.5:67.5)									
Swing drive	Gear oil	3.5 (0.9)	★SAE 75W-90									
Final drive		Type 1 :2.3 (0.6)x2 Type 2 :5.8 (1.5)x2	SAE 80W-90									
Hydraulic tank	Hydraulic oil	Tank 96 (25.4)	★ISO VG 15									
			ISO VG 32									
		System 180 (47.6)	ISO VG 46, HBHO VG 46★ ³									
			ISO VG 68									
Fuel tank	Diesel fuel★ ¹	210 (55.5)	★ASTM D975 NO.1									
			ASTM D975 NO.2									
Fitting (grease nipple)	Grease	As required	★NLGI NO.1									
			NLGI NO.2									
Radiator (reservoir tank)	Mixture of antifreeze and soft water★ ²	24.5 (6.5)	Ethylene glycol base permanent type (50 : 50)									
			★Ethylene glycol base permanent type (60 : 40)									

SAE : Society of Automotive Engineers

API : American Petroleum Institute

ISO : International Organization for Standardization

NLGI : National Lubricating Grease Institute

ASTM : American Society of Testing and Material

DEF : Diesel Exhaust Fluid, DEF compatible with AdBlue®

★ : Cold region (Russia, CIS, Mongolia)

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

★² : Soft water
City water or distilled water

★³ : HD Hyundai Construction Equipment
Bio Hydraulic Oil

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

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

※ Do not use any engine oil other than that specified above, as it may clog the diesel particulate filter(DPF).

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