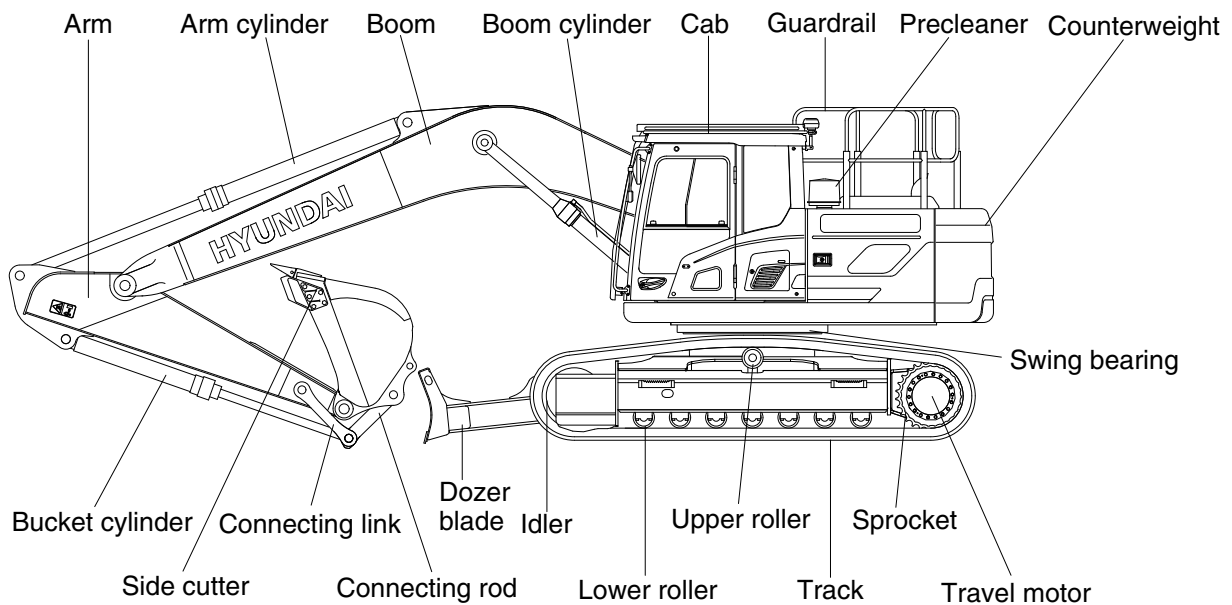
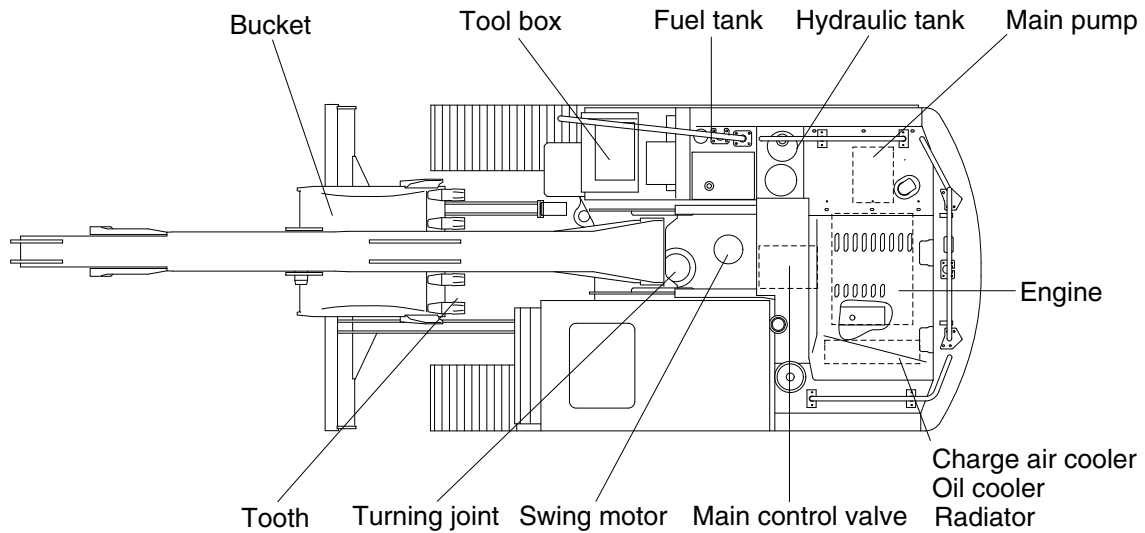


# SPECIFICATIONS

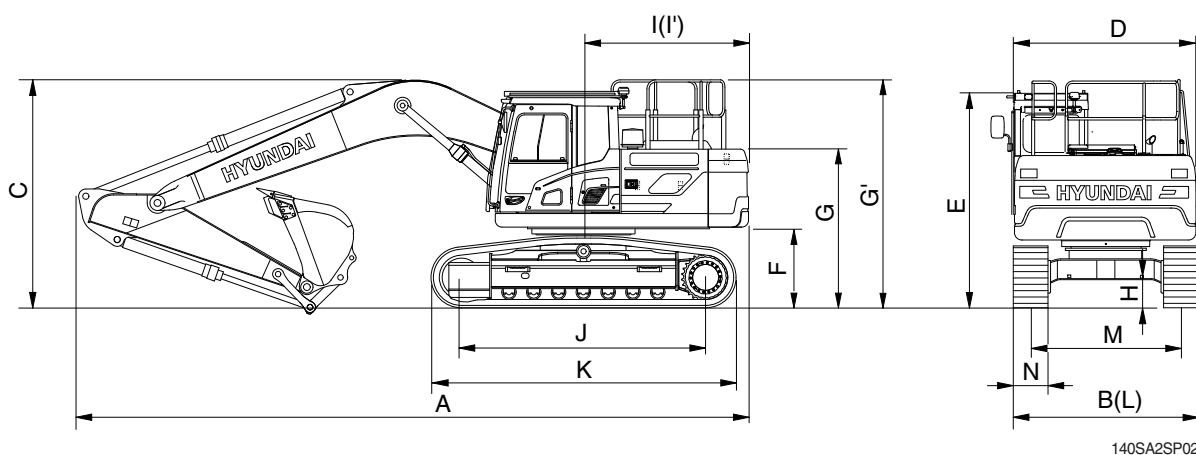
## 1. MAJOR COMPONENT



140SA2SP01A

## 2. SPECIFICATIONS

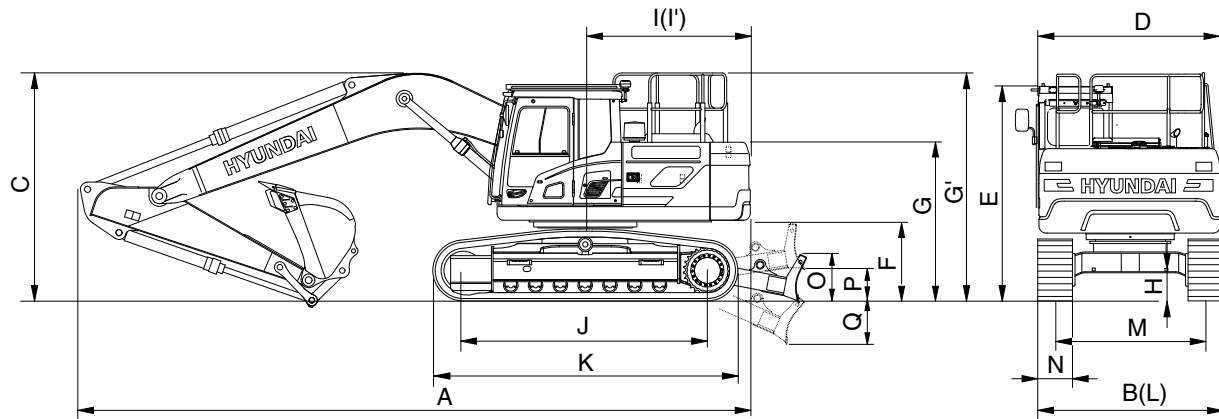
### 1) HX140 LT3, MONO BOOM



140SA2SP02

Description	Unit		Specification	
	m (ft-in)	Boom	4.6 (15' 1")	
		Arm	2.50 (8' 2")	3.00 (9' 10")
	mm (in)	Shoe	600 (24")	
Operating weight	m <sup>3</sup> (yd <sup>3</sup> )		14325 (31580)	14355 (31650)
Bucket capacity (SAE heaped), standard	kg (lb)		0.52 (0.68)	0.52 (0.68)
Overall length	A	mm (ft-in)	8135 (26' 8")	8100 (26' 7")
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		2730 (8' 11")	3160 (10' 4")
Overall width of upper structure	D		2475 (8' 1")	2475 (8' 1")
Overall height of cab	E		2835 (9' 4")	2835 (9' 4")
Ground clearance of counterweight	F		905 (3' 0")	905 (3' 0")
Overall height of engine hood	G		2220 (7' 3")	2220 (7' 3")
Overall height of guardrail	G'		2925 (9' 7")	2925 (9' 7")
Minimum ground clearance	H		405 (1' 4")	405 (1' 4")
Rear-end distance	I		2335 (7' 8")	2335 (7' 8")
Rear-end swing radius	I'		2345 (7' 8")	2345 (7' 8")
Distance between tumblers	J		3035 (9' 11")	3035 (9' 11")
Undercarriage length (without grouser)	K		3656 (12' 0")	3656 (12' 0")
Undercarriage length (with grouser)	K'		3706 (12' 2")	3706 (12' 2")
Undercarriage width	L		2475 (8' 1")	2475 (8' 1")
Undercarriage width with add footboard	L'		2475 (8' 1")	2475 (8' 1")
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		46	46
Travel speed (low/high)	km/hr (mph)		3.4/5.8 (2.1/3.6)	3.4/5.8 (2.1/3.6)
Swing speed	rpm		12.4	12.4
Gradeability	Degree (%)		35 (70)	35 (70)
Ground pressure	kgf/cm <sup>2</sup> (psi)		0.37 (5.23)	0.37 (5.25)
Max traction force	kg (lb)		12670 (27930)	12670 (27930)

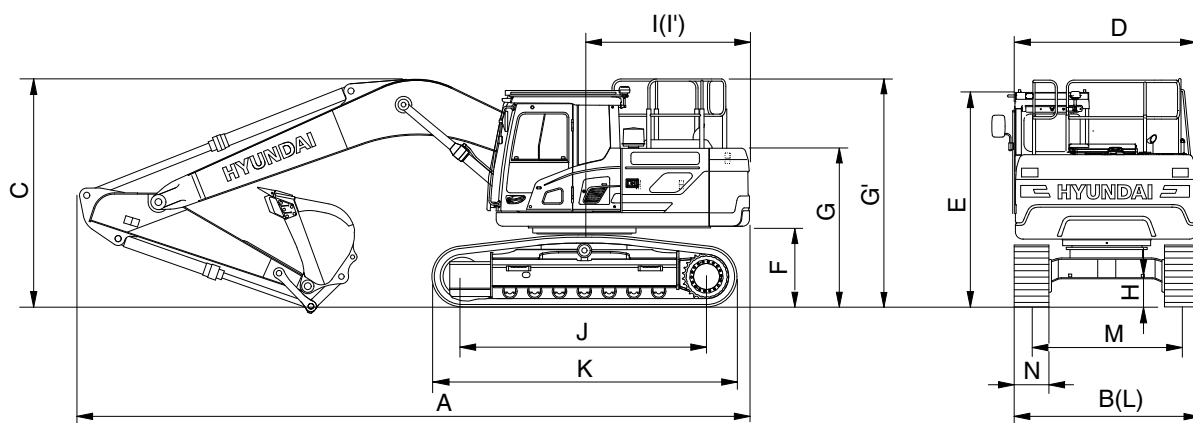
## 2) HX140 LDT3, MONO BOOM



140SA2SP03

Description	Unit		Specification	
	m (ft-in)	Boom	4.6 (15' 1")	
		Arm	2.50 (8' 2")	3.00 (9' 10")
	mm (in)	Shoe	600 (24")	
Operating weight	m <sup>3</sup> (yd <sup>3</sup> )		15230 (33580)	15260 (33640)
Bucket capacity (SAE heaped), standard	kg (lb)		0.52 (0.68)	0.52 (0.68)
Overall length	A	mm (ft-in)	8135 (26' 8")	8100 (26' 7")
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		2730 (8' 11")	3160 (10' 4")
Overall width of upper structure	D		2475 (8' 1")	2475 (8' 1")
Overall height of cab	E		2835 (9' 4")	2835 (9' 4")
Ground clearance of counterweight	F		905 (3' 0")	905 (3' 0")
Overall height of engine hood	G		2220 (7' 3")	2220 (7' 3")
Overall height of guardrail	G'		2925 (9' 7")	2925 (9' 7")
Minimum ground clearance	H		405 (1' 4")	405 (1' 4")
Rear-end distance	I		2335 (7' 8")	2335 (7' 8")
Rear-end swing radius	I'		2345 (7' 8")	2345 (7' 8")
Distance between tumblers	J		3035 (9' 11")	3035 (9' 11")
Undercarriage length (without grouser)	K		3656 (12' 0")	3656 (12' 0")
Undercarriage length (with grouser)	K'		3706 (12' 2")	3706 (12' 2")
Undercarriage width	L		2475 (8' 1")	2475 (8' 1")
Undercarriage width with add footboard	L'		2475 (8' 1")	2475 (8' 1")
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		580 (1' 11")	580 (1' 11")
Depth of blade down	Q		475 (1' 7")	475 (1' 7")
Track shoe link quantity	EA		46	46
Travel speed (low/high)	km/hr (mph)		3.4/5.8 (2.1/3.6)	3.4/5.8 (2.1/3.6)
Swing speed	rpm		12.4	12.4
Gradeability	Degree (%)		35 (70)	35 (70)
Ground pressure	kgf/cm <sup>2</sup> (psi)		0.42 (5.93)	0.39 (5.58)
Max traction force	kg (lb)		12670 (27930)	12670 (27930)

### 3) HX140 HWT3, MONO BOOM

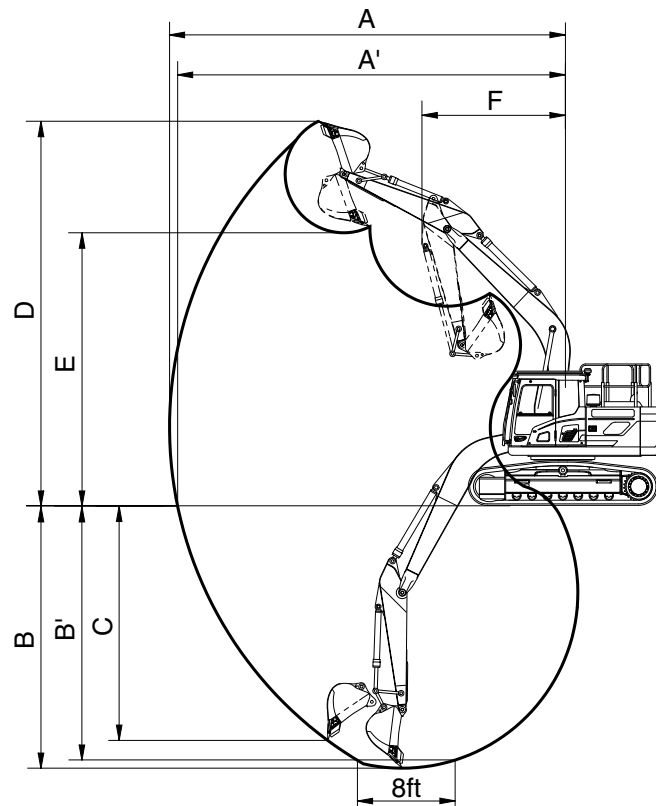


140SA2SP02

Description	Unit		Specification	
	m (ft-in)	Boom	4.6 (15' 1")	
		Arm	2.50 (8' 2")	3.00 (9' 10")
	mm (in)	Shoe	800 (32")	
Operating weight	m <sup>3</sup> (yd <sup>3</sup> )		17320 (38180)	17355 (38260)
Bucket capacity (SAE heaped), standard	kg (lb)		0.52 (0.68)	0.52 (0.68)
Overall length	A	mm (ft-in)	7775 (25' 6")	7845 (25' 9")
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		2750 (9' 0")	3120 (10' 3")
Overall width of upper structure	D		2475 (8' 1")	2475 (8' 1")
Overall height of cab	E		3135 (10' 3")	3135 (10' 3")
Ground clearance of counterweight	F		1205 (3' 11")	1205 (3' 11")
Overall height of engine hood	G		2470 (8' 1")	2470 (8' 1")
Overall height of guardrail	G'		3385 (11' 1")	3385 (11' 1")
Minimum ground clearance	H		600 (2' 0")	600 (2' 0")
Rear-end distance	I		2335 (7' 8")	2335 (7' 8")
Rear-end swing radius	I'		2345 (7' 8")	2345 (7' 8")
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)		3.4/5.8 (2.1/3.6)	3.4/5.8 (2.1/3.6)
Swing speed	rpm		12.4	12.4
Gradeability	Degree (%)		35 (70)	35 (70)
Ground pressure	kgf/cm <sup>2</sup> (psi)		0.33 (4.68)	0.33 (4.69)
Max traction force	kg (lb)		12670 (27930)	12670 (27930)

### 3. WORKING RANGE AND DIGGING FORCE

#### 1) HX140 LT3/HWT3/LDT3



140SA2SP10

Description	m (ft-in)	Boom	4.6 (15' 1")	
		Arm	2.50 (8' 2")	3.00 (9' 10")
Max digging reach	mm (ft-in)	A	8330 (27' 4")	8790 (28' 10")
Max digging reach on ground		A'	8190 (26' 10")	8660 (28' 5")
Max digging depth		B	5530 (18' 2")	6030 (19' 9")
Max digging depth (8 ft level)		B'	5330 (17' 6")	5850 (19' 2")
Max vertical wall digging depth		C	5080 (16' 8")	5580 (18' 4")
Max digging height		D	8550 (28' 1")	8830 (29' 0")
Max dumping height		E	6105 (20' 0")	6380 (20' 11")
Min swing radius		F	2655 (8' 9")	2690 (8' 10")
Bucket digging force	kN	SAE	87.9 [95.4]	87.8 [95.3]
	kgf		8960 [9730]	8956 [9720]
	lbf		19754 [21451]	19745 [21429]
	kN	ISO	102.9 [111.7]	102.9 [111.7]
	kgf		10494 [11390]	10489 [11390]
	lbf		23134 [25111]	23123 [25111]
Arm digging force	kN	SAE	62.7 [68.1]	56 [60.8]
	kgf		6396 [6940]	5711 [6200]
	lbf		14100 [15300]	12591 [13669]
	kN	ISO	65.4 [71]	58.1 [63.1]
	kgf		6666 [7240]	5925 [6430]
	lbf		14696 [15961]	13062 [14176]

[ ] : Power boost

## 4. WEIGHT

Item	Qty	HX140 LT3		HX140 LDT3		HX140 HWT3	
	EA	kg	lb	kg	lb	kg	lb
Upperstructure assembly							
· Main frame weld assembly	1	1140	2513	1140	2513	1140	2513
· Engine assembly	1	371	818	371	818	371	818
· Main pump assembly	1	92	203	92	203	92	203
· 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	133	294	133	294	133	294
· Fuel tank WA	1	150	331	150	331	150	331
· Counterweight	1	1900	4189	1900	4189	1900	4189
· Cab assembly	1	495	1091	495	1091	495	1091
Lower chassis assembly							
· Track frame weld assembly	1	1497	3300	1667	3675	2199	4848
· Dozer blade assembly	1	-	-	503	1109	-	-
· Swing bearing	1	214	472	214	472	214	472
· Travel motor assembly	2	278	613	278	613	278	613
· Turning joint	1	56	123	63	139	56	123
· Sprocket	2	40	87	40	87	49	109
· Track recoil spring	2	93	204	93	204	132	291
· Idler	2	104	229	104	229	151	332
· Upper roller	4	19	42	19	42	40	88
· Lower roller	18	35	77	35	77	40	88
· Track Guard	2	36	79	36	79	-	-
· Track Guard	4	-	-	-	-	592	1305
· Track-chain assembly (500 mm, 46 link)	2	922	2033	922	2033	-	-
· Track-chain assembly (600 mm, 46 link)	2	1027	2263	1027	2263	-	-
· Track-chain assembly (700 mm, 46 link)	2	1131	2494	1131	2494	-	-
· Track-chain assembly (700 mm, 47 link)	2	-	-	-	-	1250	2755
· Track-chain assembly (800 mm, 47 link)	2	-	-	-	-	1367	3013
Front attachment assembly							
· 4.6 m mono boom assembly	1	812	1790	812	1790	812	1790
· 2.50 m arm assembly	1	445	981	445	981	445	981
· 3.00 m arm assembly	1	482	1063	482	1063	482	1063
· 0.58 m <sup>3</sup> bucket assembly	1	484	1067	484	1067	484	1067
· 0.52 m <sup>3</sup> bucket assembly	1	461	1016	461	1016	461	1016
· 0.65 m <sup>3</sup> bucket assembly	1	513	1131	513	1131	513	1131
· 0.71 m <sup>3</sup> bucket assembly	1	536	1182	536	1182	536	1182
· 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
· Dozer cylinder assembly	2	55	120	55	120	55	120
· Bucket control linkage total	1	114	251	114	251	114	251

※ 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.

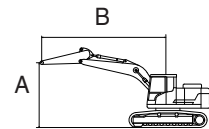
## 5. LIFTING CAPACITIES











### 1) HX140 LT3

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX140 LT3	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4600	2500	1900	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)		Capacity		Reach
												m (ft)
6.0 m (19.7 ft)	kg lb					*3400 *7500	*3400 *7500			*2420 *5340	*2420 *5340	5.42 (17.8)
4.5 m (14.8 ft)	kg lb					*3650 *8050	*3650 *8050	*3410 *7520	2450 5400	*2220 *4890	2190 4830	6.39 (21.0)
3.0 m (9.8 ft)	kg lb			*6150 *13560	*6150 *13560	*4540 *10010	3710 8180	3630 8000	2380 5250	*2200 *4850	1890 4170	6.91 (22.7)
1.5 m (4.9 ft)	kg lb			*7480 *16490	6240 13760	5480 12080	3460 7630	3510 7740	2280 5030	*2310 *5090	1770 3900	7.07 (23.2)
0.0 m (0.0 ft)	kg lb			*6420 *14150	5930 13070	5270 11620	3270 7210	3420 7540	2190 4830	*2570 *5670	1800 3970	6.91 (22.7)
-1.5 m (-4.9 ft)	kg lb	*4660 *10270	*4660 *10270	*9760 *21520	5890 12990	5190 11440	3200 7050	3390 7470	2160 4760	3110 6860	2000 4410	6.38 (20.9)
-3.0 m (-9.8 ft)	kg lb	*8690 *19160	*8690 *19160	*8890 *19600	5990 13210	5240 11550	3250 7170			4010 8840	2550 5620	5.40 (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	
HX140 LT3	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4600	2500	2300	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)
6.0 m (19.7 ft)	kg lb					*3400 *7500	*3400 *7500			*2420 *5340	*2420 *5340	5.42 (17.8)
4.5 m (14.8 ft)	kg lb					*3650 *8050	*3650 *8050	*3410 *7520	2640 5820	*2220 *4890	*2220 *4890	6.39 (21.0)
3.0 m (9.8 ft)	kg lb			*6150 *13560	*6150 *13560	*4540 *10010	3990 8800	3870 8530	2570 5670	*2200 *4850	2050 4520	6.91 (22.7)
1.5 m (4.9 ft)	kg lb			*7480 *16490	6730 14840	*5660 *12480	3730 8220	3750 8270	2470 5450	*2310 *5090	1930 4250	7.07 (23.2)
0.0 m (0.0 ft)	kg lb			*6420 *14150	6410 14130	5630 12410	3550 7830	3660 8070	2380 5250	*2570 *5670	1960 4320	6.91 (22.7)
-1.5 m (-4.9 ft)	kg lb	*4660 *10270	*4660 *10270	*9760 *21520	6370 14040	5550 12240	3480 7670	3620 7980	2350 5180	*3110 *6860	2170 4780	6.38 (20.9)
-3.0 m (-9.8 ft)	kg lb	*8690 *19160	*8690 *19160	*8890 *19600	6480 14290	5600 12350	3520 7760			4280 9440	2770 6110	5.40 (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.

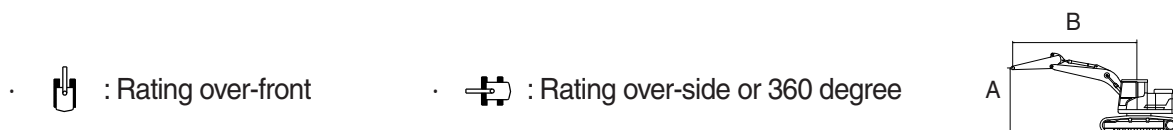
The difference between the weight of a work tool attachment must be subtracted.













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	
HX140 LT3	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4600	3000	1900	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											*2440 *5380	*2440 *5380	4.46 (14.6)
6.0 m (19.7 ft)	kg lb							*2050 *4520	*2050 *4520			*2020 *4450	*2020 *4450	6.01 (19.7)
4.5 m (14.8 ft)	kg lb							*3260 *7190	2500 5510			*1890 *4170	*1890 *4170	6.90 (22.6)
3.0 m (9.8 ft)	kg lb					*4050 *8930	3790 8360	*3630 *8000	2420 5340			*1880 *4140	1710 3770	7.38 (24.2)
1.5 m (4.9 ft)	kg lb			*8190 *18060	6450 14220	*5250 *11570	3520 7760	3540 7800	2300 5070	*2120 *4670	1620 3570	*1960 *4320	1610 3550	7.53 (24.7)
0.0 m (0.0 ft)	kg lb			*7160 *15790	5980 13180	5300 11680	3300 7280	3420 7540	2190 4830			*2170 *4780	1620 3570	7.38 (24.2)
-1.5 m (-4.9 ft)	kg lb	*4200 *9260	*4200 *9260	*9070 *20000	5860 12920	5180 11420	3190 7030	3360 7410	2140 4720			*2570 *5670	1770 3900	6.89 (22.6)
-3.0 m (-9.8 ft)	kg lb	*7300 *16090	*7300 *16090	*9470 *20880	5910 13030	5180 11420	3190 7030					3400 7500	2170 4780	5.99 (19.7)
-4.5 m (-14.8 ft)	kg lb			*7160 *15790	6130 13510							*4500 *9920	3430 7560	4.43 (14.5)

Note 1. Lifting capacity are based on ISO 10567.

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

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

4. \*Indicates load limited by hydraulic capacity.

※ Lifting capacities are based upon a standard machine conditions.

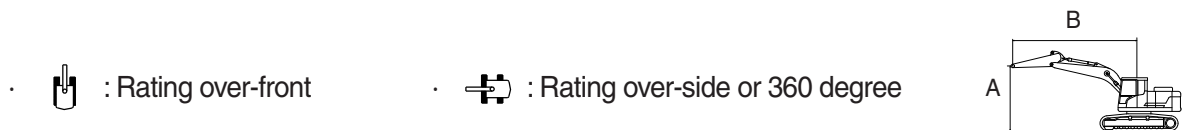
Lifting capacities will vary with different work tools, ground conditions and attachments.













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

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

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

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX140 LT3	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4600	3000	2300	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											*2440 *5380	*2440 *5380	4.46 (14.6)
6.0 m (19.7 ft)	kg lb							*2050 *4520	*2050 *4520			*2020 *4450	*2020 *4450	6.01 (19.7)
4.5 m (14.8 ft)	kg lb							*3260 *7190	2690 5930			*1890 *4170	*1890 *4170	6.90 (22.6)
3.0 m (9.8 ft)	kg lb					*4050 *8930	*4050 *8930	*3630 *8000	2610 5750			*1880 *4140	1860 4100	7.38 (24.2)
1.5 m (4.9 ft)	kg lb			*8190 *18060	6930 15280	*5250 *11570	3790 8360	3780 8330	2490 5490	*2120 *4670	1770 3900	*1960 *4320	1750 3860	7.53 (24.7)
0.0 m (0.0 ft)	kg lb			*7160 *15790	6470 14260	5660 12480	3570 7870	3660 8070	2380 5250			*2170 *4780	1770 3900	7.38 (24.2)
-1.5 m (-4.9 ft)	kg lb	*4200 *9260	*4200 *9260	*9070 *20000	6340 13980	5540 12210	3460 7630	3600 7940	2330 5140			*2570 *5670	1930 4250	6.89 (22.6)
-3.0 m (-9.8 ft)	kg lb	*7300 *16090	*7300 *16090	*9470 *20880	6400 14110	5540 12210	3470 7650					*3460 *7630	2360 5200	5.99 (19.7)
-4.5 m (-14.8 ft)	kg lb			*7160 *15790	6620 14590							*4500 *9920	3710 8180	4.43 (14.5)

Note 1. Lifting capacity are based on ISO 10567.

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

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

4. \*Indicates load limited by hydraulic capacity.

※ Lifting capacities are based upon a standard machine conditions.

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

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

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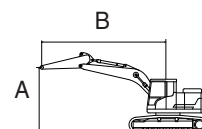
▲ Failure to comply to the rated load can cause serious injury, death, or property damage. Make adjustments to the rated load as necessary for non-standard configurations.











## 2) HX140 LDT3

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX140 LDT3	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4600	2500	2300	500	-	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)
6.0 m (19.7 ft)	kg lb					*3400 *7500	*3400 *7500			*2410 *5310	*2410 *5310	5.44 (17.8)
4.5 m (14.8 ft)	kg lb					*3660 *8070	*3660 *8070	*3430 *7560	2960 6530	*2230 *4920	*2230 *4920	6.41 (21.0)
3.0 m (9.8 ft)	kg lb			*6200 *13670	*6200 *13670	*4560 *10050	4460 9830	*3970 *8750	2890 6370	*2210 *4870	*2210 *4870	6.92 (22.7)
1.5 m (4.9 ft)	kg lb			*7380 *16270	*7380 *16270	*5680 *12520	4200 9260	*4440 *9790	2780 6130	*2320 *5110	2180 4810	7.07 (23.2)
0.0 m (0.0 ft)	kg lb			*6450 *14220	*6450 *14220	*6470 *14260	4010 8840	*4820 *10630	2690 5930	*2580 *5690	2220 4890	6.90 (22.6)
-1.5 m (-4.9 ft)	kg lb	*4710 *10380	*4710 *10380	*9830 *21670	7320 16140	*6640 *14640	3940 8690	*4820 *10630	2660 5860	*3130 *6900	2460 5420	6.37 (20.9)
-3.0 m (-9.8 ft)	kg lb	*8770 *19330	*8770 *19330	*8870 *19550	7430 16380	*5960 *13140	3990 8800			*4460 *9830	3140 6920	5.38 (17.6)

Note 1. Lifting capacity are based on ISO 10567.

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4. \*Indicates load limited by hydraulic capacity.

※ Lifting capacities are based upon a standard machine conditions.

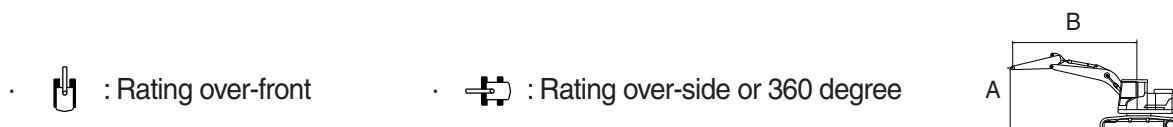
Lifting capacities will vary with different work tools, ground conditions and attachments.











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	
HX140 LDT3	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4600	2500	2300	500	-	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)
6.0 m (19.7 ft)	kg lb					*3400 *7500	*3400 *7500			*2410 *5310	*2410 *5310	5.44 (17.8)
4.5 m (14.8 ft)	kg lb					*3660 *8070	*3660 *8070	*3430 *7560	2960 6530	*2230 *4920	*2230 *4920	6.41 (21.0)
3.0 m (9.8 ft)	kg lb			*6200 *13670	*6200 *13670	*4560 *10050	4460 9830	3840 8470	2890 6370	*2210 *4870	*2210 *4870	6.92 (22.7)
1.5 m (4.9 ft)	kg lb			*7380 *16270	*7380 *16270	*5680 *12520	4200 9260	3730 8220	2780 6130	*2320 *5110	2180 4810	7.07 (23.2)
0.0 m (0.0 ft)	kg lb			*6450 *14220	*6450 *14220	5590 12320	4010 8840	3630 8000	2690 5930	*2580 *5690	2220 4890	6.90 (22.6)
-1.5 m (-4.9 ft)	kg lb	*4710 *10380	*4710 *10380	*9830 *21670	7320 16140	5510 12150	3940 8690	3600 7940	2660 5860	*3130 *6900	2460 5420	6.37 (20.9)
-3.0 m (-9.8 ft)	kg lb	*8770 *19330	*8770 *19330	*8870 *19550	7430 16380	5560 12260	3990 8800			4280 9440	3140 6920	5.38 (17.6)

Note 1. Lifting capacity are based on ISO 10567.

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- \*Indicates load limited by hydraulic capacity.

※ Lifting capacities are based upon a standard machine conditions.

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

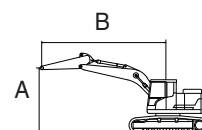
The difference between the weight of a work tool attachment must be subtracted.











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

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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX140 LDT3	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4600	2500	1900	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)
6.0 m (19.7 ft)	kg lb					*3400 *7500	*3400 *7500			*2410 *5310	*2410 *5310	5.44 (17.8)
4.5 m (14.8 ft)	kg lb					*3660 *8070	*3660 *8070	*3430 *7560	2790 6150	*2220 *4890	*2220 *4890	6.41 (21.0)
3.0 m (9.8 ft)	kg lb			*6200 *13670	*6200 *13670	*4560 *10050	4220 9300	*3960 *8730	2720 6000	*2200 *4850	2160 4760	6.92 (22.7)
1.5 m (4.9 ft)	kg lb			*7380 *16270	7260 16010	*5680 *12520	3960 8730	*4440 *9790	2620 5780	*2310 *5090	2040 4500	7.07 (23.2)
0.0 m (0.0 ft)	kg lb			*6450 *14220	*6450 *14220	*6470 *14260	3780 8330	*4810 *10600	2530 5580	*2580 *5690	2080 4590	6.90 (22.6)
-1.5 m (-4.9 ft)	kg lb	*4710 *10380	*4710 *10380	*9830 *21670	6900 15210	*6640 *14640	3710 8180	*4810 *10600	2500 5510	*3120 *6880	2310 5090	6.37 (20.9)
-3.0 m (-9.8 ft)	kg lb	*8770 *19330	*8770 *19330	*8860 *19530	7010 15450	*5960 *13140	3760 8290			*4460 *9830	2960 6530	5.38 (17.6)

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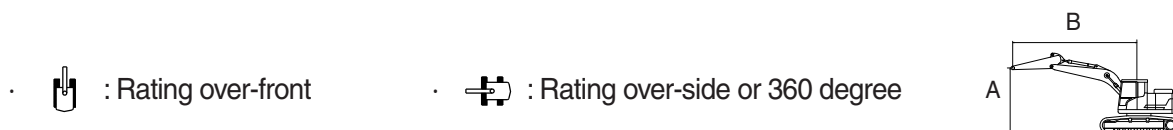
Lifting capacities will vary with different work tools, ground conditions and attachments.











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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX140 LDT3	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4600	2500	1900	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)
6.0 m (19.7 ft)	kg lb					*3400 *7500	*3400 *7500			*2410 *5310	*2410 *5310	5.44 (17.8)
4.5 m (14.8 ft)	kg lb					*3660 *8070	*3660 *8070	*3430 *7560	2790 6150	*2220 *4890	*2220 *4890	6.41 (21.0)
3.0 m (9.8 ft)	kg lb			*6200 *13670	*6200 *13670	*4560 *10050	4220 9300	3650 8050	2720 6000	*2200 *4850	2160 4760	6.92 (22.7)
1.5 m (4.9 ft)	kg lb			*7380 *16270	7260 16010	5510 12150	3960 8730	3540 7800	2620 5780	*2310 *5090	2040 4500	7.07 (23.2)
0.0 m (0.0 ft)	kg lb			*6450 *14220	*6450 *14220	5310 11710	3780 8330	3440 7580	2530 5580	*2580 *5690	2080 4590	6.90 (22.6)
-1.5 m (-4.9 ft)	kg lb	*4710 *10380	*4710 *10380	*9830 *21670	6900 15210	5230 11530	3710 8180	3410 7520	2500 5510	*3120 *6880	2310 5090	6.37 (20.9)
-3.0 m (-9.8 ft)	kg lb	*8770 *19330	*8770 *19330	*8860 *19530	7010 15450	5280 11640	3760 8290			4060 8950	2960 6530	5.38 (17.6)

Note 1. Lifting capacity are based on ISO 10567.

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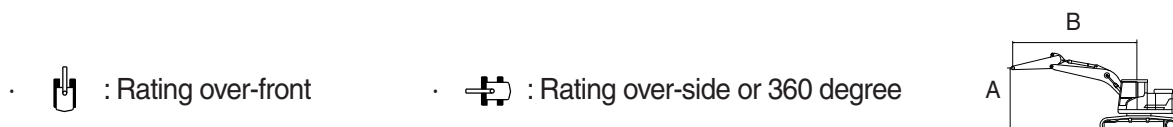
Lifting capacities will vary with different work tools, ground conditions and attachments.











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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX140 LDT3	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4600	2500	2300	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)
6.0 m (19.7 ft)	kg lb					*3400 *7500	*3400 *7500			*2410 *5310	*2410 *5310	5.44 (17.8)
4.5 m (14.8 ft)	kg lb					*3660 *8070	*3660 *8070	*3430 *7560	2990 6590	*2220 *4890	*2220 *4890	6.41 (21.0)
3.0 m (9.8 ft)	kg lb			*6200 *13670	*6200 *13670	*4560 *10050	4510 9940	*3960 *8730	2920 6440	*2200 *4850	*2200 *4850	6.92 (22.7)
1.5 m (4.9 ft)	kg lb			*7380 *16270	*7380 *16270	*5680 *12520	4250 9370	*4440 *9790	2810 6190	*2310 *5090	2210 4870	7.07 (23.2)
0.0 m (0.0 ft)	kg lb			*6450 *14220	*6450 *14220	*6470 *14260	4060 8950	*4810 *10600	2730 6020	*2580 *5690	2250 4960	6.90 (22.6)
-1.5 m (-4.9 ft)	kg lb	*4710 *10380	*4710 *10380	*9830 *21670	7410 16340	*6640 *14640	4000 8820	*4810 *10600	2700 5950	*3120 *6880	2490 5490	6.37 (20.9)
-3.0 m (-9.8 ft)	kg lb	*8770 *19330	*8770 *19330	*8860 *19530	7520 16580	*5960 *13140	4040 8910			*4460 *9830	3180 7010	5.38 (17.6)

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	
HX140 LDT3	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4600	2500	2300	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)
6.0 m (19.7 ft)	kg lb					*3400 *7500	*3400 *7500			*2410 *5310	*2410 *5310	5.44 (17.8)
4.5 m (14.8 ft)	kg lb					*3660 *8070	*3660 *8070	*3430 *7560	2990 6590	*2220 *4890	*2220 *4890	6.41 (21.0)
3.0 m (9.8 ft)	kg lb			*6200 *13670	*6200 *13670	*4560 *10050	4510 9940	3890 8580	2920 6440	*2200 *4850	*2200 *4850	6.92 (22.7)
1.5 m (4.9 ft)	kg lb			*7380 *16270	*7380 *16270	*5680 *12520	4250 9370	3780 8330	2810 6190	*2310 *5090	2210 4870	7.07 (23.2)
0.0 m (0.0 ft)	kg lb			*6450 *14220	*6450 *14220	5660 12480	4060 8950	3680 8110	2730 6020	*2580 *5690	2250 4960	6.90 (22.6)
-1.5 m (-4.9 ft)	kg lb	*4710 *10380	*4710 *10380	*9830 *21670	7410 16340	5590 12320	4000 8820	3650 8050	2700 5950	*3120 *6880	2490 5490	6.37 (20.9)
-3.0 m (-9.8 ft)	kg lb	*8770 *19330	*8770 *19330	*8860 *19530	7520 16580	5640 12430	4040 8910			4340 9570	3180 7010	5.38 (17.6)

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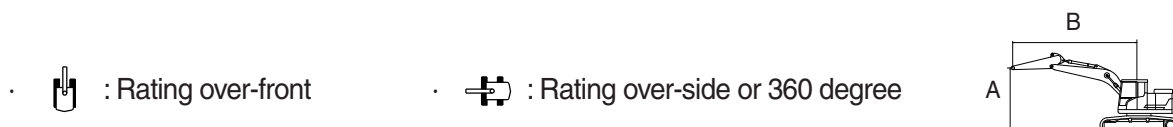
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






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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX140 LDT3	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4600	3000	1900	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											*2420 *5340	*2420 *5340	4.49 (14.7)
6.0 m (19.7 ft)	kg lb							*2100 *4630	*2100 *4630			*2020 *4450	*2020 *4450	6.03 (19.8)
4.5 m (14.8 ft)	kg lb							*3260 *7190	2840 6260			*1890 *4170	*1890 *4170	6.91 (22.7)
3.0 m (9.8 ft)	kg lb					*4060 *8950	*4060 *8950	*3640 *8020	2760 6080			*1880 *4140	*1880 *4140	7.39 (24.2)
1.5 m (4.9 ft)	kg lb			*8230 *18140	7470 16470	*5270 *11620	4030 8880	*4180 *9220	2640 5820	*2120 *4670	1870 4120	*1970 *4340	1860 4100	7.53 (24.7)
0.0 m (0.0 ft)	kg lb			*7170 *15810	6990 15410	*6240 *13760	3800 8380	*4660 *10270	2530 5580			*2170 *4780	1880 4140	7.37 (24.2)
-1.5 m (-4.9 ft)	kg lb	*4240 *9350	*4240 *9350	*9110 *20080	6860 15120	*6630 *14620	3700 8160	*4850 *10690	2470 5450			*2580 *5690	2060 4540	6.88 (22.6)
-3.0 m (-9.8 ft)	kg lb	*7360 *16230	*7360 *16230	*9450 *20830	6920 15260	*6290 *13870	3700 8160					*3480 *7670	2520 5560	5.97 (19.6)
-4.5 m (-14.8 ft)	kg lb			*7110 *15670	*7110 *15670							*4500 *9920	4000 8820	4.40 (14.4)

Note 1. Lifting capacity are based on ISO 10567.

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

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

4. \*Indicates load limited by hydraulic capacity.

※ Lifting capacities are based upon a standard machine conditions.

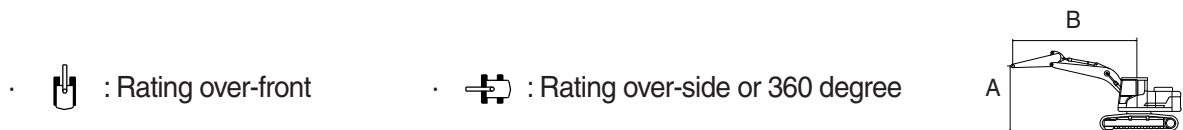
Lifting capacities will vary with different work tools, ground conditions and attachments.













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

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

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

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX140 LDT3	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4600	3000	1900	600	-	Up	-	-	-



Lift-point height (A)		Lift-point radius (B)										At max. reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach
														m (ft)
7.5 m (24.6 ft)	kg lb											*2420 *5340	*2420 *5340	4.49 (14.7)
6.0 m (19.7 ft)	kg lb							*2100 *4630	*2100 *4630			*2020 *4450	*2020 *4450	6.03 (19.8)
4.5 m (14.8 ft)	kg lb							*3260 *7190	2840 6260			*1890 *4170	*1890 *4170	6.91 (22.7)
3.0 m (9.8 ft)	kg lb					*4060 *8950	*4060 *8950	*3640 *8020	2760 6080			*1880 *4140	*1880 *4140	7.39 (24.2)
1.5 m (4.9 ft)	kg lb			*8230 *18140	7470 16470	*5270 *11620	4030 8880	3560 7850	2640 5820	*2120 *4670	1870 4120	*1970 *4340	1860 4100	7.53 (24.7)
0.0 m (0.0 ft)	kg lb			*7170 *15810	6990 15410	5340 11770	3800 8380	3450 7610	2530 5580			*2170 *4780	1880 4140	7.37 (24.2)
-1.5 m (-4.9 ft)	kg lb	*4240 *9350	*4240 *9350	*9110 *20080	6860 15120	5220 11510	3700 8160	3390 7470	2470 5450			*2580 *5690	2060 4540	6.88 (22.6)
-3.0 m (-9.8 ft)	kg lb	*7360 *16230	*7360 *16230	*9450 *20830	6920 15260	5220 11510	3700 8160					3440 7580	2520 5560	5.97 (19.6)
-4.5 m (-14.8 ft)	kg lb			*7110 *15670	*7110 *15670							*4500 *9920	4000 8820	4.40 (14.4)

Note 1. Lifting capacity are based on ISO 10567.

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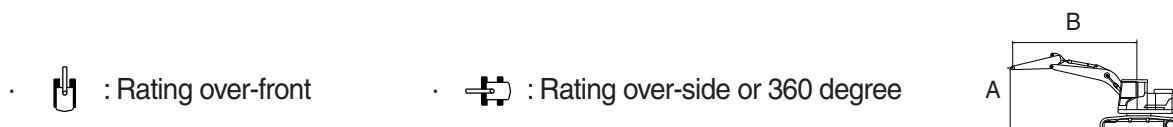
Lifting capacities will vary with different work tools, ground conditions and attachments.













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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX140 LDT3	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4600	3000	2300	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											*2420 *5340	*2420 *5340	4.49 (14.7)
6.0 m (19.7 ft)	kg lb							*2100 *4630	*2100 *4630			*2020 *4450	*2020 *4450	6.03 (19.8)
4.5 m (14.8 ft)	kg lb							*3260 *7190	3040 6700			*1890 *4170	*1890 *4170	6.91 (22.7)
3.0 m (9.8 ft)	kg lb					*4060 *8950	*4060 *8950	*3640 *8020	2950 6500			*1880 *4140	*1880 *4140	7.39 (24.2)
1.5 m (4.9 ft)	kg lb			*8230 *18140	7980 17590	*5270 *11620	4310 9500	*4180 *9220	2830 6240	*2120 *4670	2020 4450	*1970 *4340	*1970 *4340	7.53 (24.7)
0.0 m (0.0 ft)	kg lb			*7170 *15810	*7170 *15810	*6240 *13760	4090 9020	*4660 *10270	2730 6020			*2170 *4780	2040 4500	7.37 (24.2)
-1.5 m (-4.9 ft)	kg lb	*4240 *9350	*4240 *9350	*9110 *20080	7380 16270	*6630 *14620	3980 8770	*4850 *10690	2670 5890			*2580 *5690	2220 4890	6.88 (22.6)
-3.0 m (-9.8 ft)	kg lb	*7360 *16230	*7360 *16230	*9450 *20830	7440 16400	*6290 *13870	3990 8800					*3480 *7670	2720 6000	5.97 (19.6)
-4.5 m (-14.8 ft)	kg lb			*7110 *15670	*7110 *15670							*4500 *9920	4290 9460	4.40 (14.4)

Note 1. Lifting capacity are based on ISO 10567.

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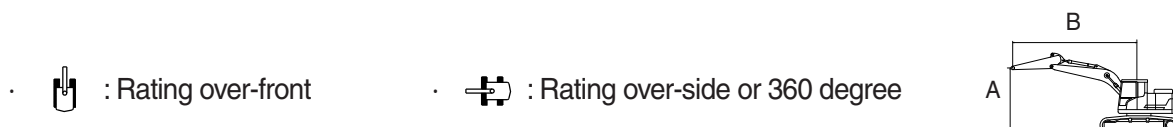
Lifting capacities will vary with different work tools, ground conditions and attachments.













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	
HX140 LDT3	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4600	3000	2300	600	-	Up	-	-	-



Lift-point height (A)		Lift-point radius (B)										At max. reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach
														m (ft)
7.5 m (24.6 ft)	kg lb											*2420 *5340	*2420 *5340	4.49 (14.7)
6.0 m (19.7 ft)	kg lb							*2100 *4630	*2100 *4630			*2020 *4450	*2020 *4450	6.03 (19.8)
4.5 m (14.8 ft)	kg lb							*3260 *7190	3040 6700			*1890 *4170	*1890 *4170	6.91 (22.7)
3.0 m (9.8 ft)	kg lb					*4060 *8950	*4060 *8950	*3640 *8020	2950 6500			*1880 *4140	*1880 *4140	7.39 (24.2)
1.5 m (4.9 ft)	kg lb			*8230 *18140	7980 17590	*5270 *11620	4310 9500	3800 8380	2830 6240	*2120 *4670	2020 4450	*1970 *4340	*1970 *4340	7.53 (24.7)
0.0 m (0.0 ft)	kg lb			*7170 *15810	*7170 *15810	5690 12540	4090 9020	3690 8140	2730 6020			*2170 *4780	2040 4500	7.37 (24.2)
-1.5 m (-4.9 ft)	kg lb	*4240 *9350	*4240 *9350	*9110 *20080	7380 16270	5570 12280	3980 8770	3620 7980	2670 5890			*2580 *5690	2220 4890	6.88 (22.6)
-3.0 m (-9.8 ft)	kg lb	*7360 *16230	*7360 *16230	*9450 *20830	7440 16400	5580 12300	3990 8800					*3480 *7670	2720 6000	5.97 (19.6)
-4.5 m (-14.8 ft)	kg lb			*7110 *15670	*7110 *15670							*4500 *9920	4290 9460	4.40 (14.4)

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.

※ 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.

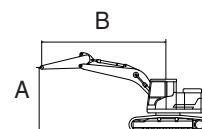
▲ Failure to comply to the rated load can cause serious injury, death, or property damage. Make adjustments to the rated load as necessary for non-standard configurations.











### 3) HX140 HWT3

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX140 HWT3	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4600	2500	1900	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)		Capacity		Reach
												m (ft)
7.5 m (24.6 ft)	kg lb									*2850 *6280	*2850 *6280	4.13 (13.5)
6.0 m (19.7 ft)	kg lb					*3380 *7450	*3380 *7450			*2350 *5180	*2350 *5180	5.68 (18.6)
4.5 m (14.8 ft)	kg lb					*3800 *8380	*3800 *8380	*3690 *8140	3070 6770	*2210 *4870	*2210 *4870	6.54 (21.5)
3.0 m (9.8 ft)	kg lb			*6850 *15100	*6850 *15100	*4790 *10560	4570 10080	*4050 *8930	2990 6590	*2220 *4890	*2220 *4890	6.98 (22.9)
1.5 m (4.9 ft)	kg lb			*6410 *14130	*6410 *14130	*5880 *12960	4320 9520	4340 9570	2880 6350	*2350 *5180	2280 5030	7.07 (23.2)
0.0 m (0.0 ft)	kg lb			*6910 *15230	*6910 *15230	6520 14370	4160 9170	4250 9370	2800 6170	*2660 *5860	2360 5200	6.83 (22.4)
-1.5 m (-4.9 ft)	kg lb	*5440 *11990	*5440 *11990	*9930 *21890	7590 16730	6470 14260	4120 9080	4240 9350	2790 6150	*3300 *7280	2670 5890	6.21 (20.4)
-3.0 m (-9.8 ft)	kg lb	*9840 *21690	*9840 *21690	*8440 *18610	7730 17040	*5640 *12430	4190 9240			*4650 *10250	3550 7830	5.10 (16.7)

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.











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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	
HX140 HWT3	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4600	2500	2300	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									*2850 *6280	*2850 *6280	4.13 (13.5)
6.0 m (19.7 ft)	kg lb					*3380 *7450	*3380 *7450			*2350 *5180	*2350 *5180	5.68 (18.6)
4.5 m (14.8 ft)	kg lb					*3800 *8380	*3800 *8380	*3690 *8140	3270 7210	*2210 *4870	*2210 *4870	6.54 (21.5)
3.0 m (9.8 ft)	kg lb			*6850 *15100	*6850 *15100	*4790 *10560	*4790 *10560	*4050 *8930	3180 7010	*2220 *4890	*2220 *4890	6.98 (22.9)
1.5 m (4.9 ft)	kg lb			*6410 *14130	*6410 *14130	*5880 *12960	4600 10140	*4530 *9990	3080 6790	*2350 *5180	*2350 *5180	7.07 (23.2)
0.0 m (0.0 ft)	kg lb			*6910 *15230	*6910 *15230	*6560 *14460	4440 9790	4490 9900	3000 6610	*2660 *5860	2520 5560	6.83 (22.4)
-1.5 m (-4.9 ft)	kg lb	*5440 *11990	*5440 *11990	*9930 *21890	8100 17860	*6590 *14530	4400 9700	4480 9880	2990 6590	*3300 *7280	2860 6310	6.21 (20.4)
-3.0 m (-9.8 ft)	kg lb	*9840 *21690	*9840 *21690	*8440 *18610	8240 18170	*5640 *12430	4470 9850			*4650 *10250	3790 8360	5.10 (16.7)

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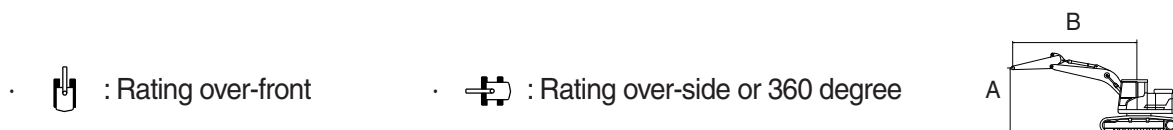
The difference between the weight of a work tool attachment must be subtracted.













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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX140 HWT3	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4600	3000	1900	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											*2300 *5070	*2300 *5070	4.88 (16.0)
6.0 m (19.7 ft)	kg lb							*2550 *5620	*2550 *5620			*1980 *4370	*1980 *4370	6.25 (20.5)
4.5 m (14.8 ft)	kg lb							*3320 *7320	3120 6880			*1880 *4140	*1880 *4140	7.04 (23.1)
3.0 m (9.8 ft)	kg lb			*5730 *12630	*5730 *12630	*4300 *9480	*4300 *9480	*3740 *8250	3020 6660			*1890 *4170	*1890 *4170	7.44 (24.4)
1.5 m (4.9 ft)	kg lb			*8740 *19270	8010 17660	*5500 *12130	4380 9660	*4290 *9460	2900 6390	*2130 *4700	2090 4610	*2000 *4410	*2000 *4410	7.53 (24.7)
0.0 m (0.0 ft)	kg lb			*7310 *16120	*7310 *16120	*6370 *14040	4180 9220	4250 9370	2800 6170			*2240 *4940	2130 4700	7.30 (24.0)
-1.5 m (-4.9 ft)	kg lb	*4800 *10580	*4800 *10580	*9850 *21720	7550 16640	6450 14220	4090 9020	4200 9260	2760 6080			*2710 *5970	2370 5220	6.73 (22.1)
-3.0 m (-9.8 ft)	kg lb	*8160 *17990	*8160 *17990	*9140 *20150	7640 16840	*6090 *13430	4120 9080					*3810 *8400	2990 6590	5.72 (18.8)

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






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Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX140 HWT3	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		4600	3000	2300	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											*2300 *5070	*2300 *5070	4.88 (16.0)
6.0 m (19.7 ft)	kg lb							*2550 *5620	*2550 *5620			*1980 *4370	*1980 *4370	6.25 (20.5)
4.5 m (14.8 ft)	kg lb							*3320 *7320	3310 7300			*1880 *4140	*1880 *4140	7.04 (23.1)
3.0 m (9.8 ft)	kg lb			*5730 *12630	*5730 *12630	*4300 *9480	*4300 *9480	*3740 *8250	3210 7080			*1890 *4170	*1890 *4170	7.44 (24.4)
1.5 m (4.9 ft)	kg lb			*8740 *19270	8510 18760	*5500 *12130	4660 10270	*4290 *9460	3090 6810	*2130 *4700	*2130 *4700	*2000 *4410	*2000 *4410	7.53 (24.7)
0.0 m (0.0 ft)	kg lb			*7310 *16120	*7310 *16120	*6370 *14040	4460 9830	4490 9900	3000 6610			*2240 *4940	*2240 *4940	7.30 (24.0)
-1.5 m (-4.9 ft)	kg lb	*4800 *10580	*4800 *10580	*9850 *21720	8050 17750	*6630 *14620	4370 9630	4440 9790	2950 6500			*2710 *5970	2540 5600	6.73 (22.1)
-3.0 m (-9.8 ft)	kg lb	*8160 *17990	*8160 *17990	*9140 *20150	8140 17950	*6090 *13430	4400 9700					*3810 *8400	3190 7030	5.72 (18.8)

Note 1. Lifting capacity are based on ISO 10567.

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

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

4. \*Indicates load limited by hydraulic capacity.

※ Lifting capacities are based upon a standard machine conditions.

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

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

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

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

## 6. BUCKET SELECTION GUIDE



General bucket

Type	Counterweight						1900 kg		2300 kg	
	Capacity		Width		Weight	Tooth	MONO			
	SAE Heaped	CECE heaped	Without side cutter	With side cutter			4.6 m (15' 1") Boom			
	m <sup>3</sup> (yd <sup>3</sup> )	m <sup>3</sup> (yd <sup>3</sup> )	mm (in)	mm (in)	kg (lb)	EA	2.5 m (8' 2") Arm	3.0 m (9' 10") Arm	2.5 m (8' 2") Arm	3.0 m (9' 10") Arm
General bucket	0.58 (0.76)	0.50 (0.65)	1000 (39.4")	1100 (43.3")	484 (1070)	5	●	◐	●	●
	0.52 (0.68)	0.35 (0.46)	915 (36.0")	1015 (40.0")	461 (1020)	5	●	●	●	●
	0.65 (0.85)	0.40 (0.52)	1105 (43.5")	1205 (47.4")	513 (1130)	5	◐	■	●	◐
	0.71 (0.93)	0.60 (0.78)	1190 (46.9")	1290 (50.8")	536 (1180)	5	■	■	◐	■

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

※ These recommendations are for general conditions and average use.

Work tools and ground conditions have effects on machine performance.

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

Consult 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")	700	(28")	800	(32")
HX140 LT3	Operating weight	kg	(lb)	14110	31110	14325	31580	14535	32040	-	-	-	-
	Ground pressure	kgf/cm <sup>2</sup>	(psi)	0.44	(6.3)	0.37	(5.3)	0.32	(4.6)	-	-	-	-
	Overall width	mm		2490	(8' 2")	2590	(8' 6")	2690	(8' 10")	-	-	-	-
	Link quantity	EA		46		46		46		-		-	
HX140 LDT3	Operating weight	kg	(lb)	15015	33100	15230	33580	15440	34040	-	-	-	-
	Ground pressure	kgf/cm <sup>2</sup>	(psi)	0.46	(6.5)	0.39	(5.6)	0.34	(4.8)	-	-	-	-
	Overall width	mm		2490	(8' 2")	2590	(8' 6")	2690	(8' 10")	-	-	-	-
	Link quantity	EA		46		46		46		-		-	
HX140 HWT3	Operating weight	kg	(lb)	-	-	-	-	-	-	17085	37670	17320	38180
	Ground pressure	kgf/cm <sup>2</sup>	(psi)	-	-	-	-	-	-	0.37	(5.3)	0.33	(4.7)
	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
HX140 LT3 HX140 LDT3	500 mm triple grouser	Option	A
	600 mm triple grouser	Standard	B
	700 mm triple grouser	Option	C
HX140 HWT3	700 mm triple grouser	Option	C
	800 mm triple grouser	Option	C

**Table 2**

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

## 8. SPECIFICATIONS FOR MAJOR COMPONENTS

### 1) ENGINE

Item	Specification
Maker / Model	Cummins / QSB4.5
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	107 × 124 mm (4.21" × 4.88")
Displacement	4.5 ℓ (275 cu in)
Compression ratio	17.2 : 1
Gross power	130 Hp (97 kW) at 2000 rpm
Net power	127 Hp (95 kW) at 2000 rpm
Max. power	135 Hp (101 kW) at 1800 rpm
Peak Torque	620 N · m (457 lbf · ft) at 1500 rpm
Engine oil quantity	11 ℓ (2.9 U.S. gal)
Wet weight	371 kg (818 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 × 72.9 cc/rev
Maximum pressure	350 kgf/cm <sup>2</sup> (4980 psi)
Maximum pressure (power boost)	380 kgf/cm <sup>2</sup> (5400 psi)
Rated oil flow	2 × 131 ℓ /min (34.6 U.S. gpm / 28.8 U.K. gpm)
Rated speed	1800 rpm

### 3) GEAR PUMP

Item	Specification
Type	Fixed displacement gear pump single stage
Capacity	15 cc/rev
Maximum pressure	40 kgf/cm <sup>2</sup> (570 psi)
Rated oil flow	27 ℓ /min (7.1 U.S. gpm/5.9 U.K. gpm)

### 4) MAIN CONTROL VALVE

Item		Specification
Type		11 spools
Operating method		Hydraulic pilot system
Main relief valve pressure		350 kgf/cm² (4980 psi) [380 kgf/cm² (5400 psi)]
Port relief valve pressure	Boom	400 kgf/cm² (5690 psi)
	Arm	400 kgf/cm² (5690 psi)
	Bucket	400 kgf/cm² (5690 psi)

[ ] : Power boost

### 5) SWING MOTOR

Item		Specification
Type		Fixed displacement axial piston motor
Capacity		72 cc/rev
Relief pressure		280 kgf/cm² (3990 psi)
Braking system		Automatic, spring applied hydraulic released
Swing brake		Multi wet disc
Braking torque		640 kgf · m (4630 lbf · ft) over
Brake release pressure	Cracking	18 kgf/cm² (256 psi)
	Full stroke	24 kgf/cm² (341 psi)
Swing bearing lubrication		Grease-bathed
Reduction gear type		2 - stage planetary



## 6) TRAVEL MOTOR

Item	Specification
Type	Variable displacement axial piston motor
Capacity	77/44.5 cc/rev
Relief pressure	350 kgf/cm <sup>2</sup> (4980 psi)
Braking system	Automatic, spring applied hydraulic released
Braking torque	1779 kgf · m (12868 lbf · ft)
Brake release pressure	12.5~15.9 kgf/cm <sup>2</sup> (202~239 psi)
Reduction gear type	2-stage planetary

## 7) CYLINDER

Item		Specification
Boom cylinder	Bore dia × Stroke	Ø 105 × 1075 mm
	Cushion	Extend only
Arm cylinder	Bore dia × Stroke	Ø 115 × 1138 mm
	Cushion	Extend and retract
Bucket cylinder	Bore dia × Stroke	Ø 100 × 850 mm
	Cushion	Extend only
Dozer cylinder	Bore dia × Stroke	Ø 100 × 250 mm
	Cushion	Extend only

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

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

## 9. RECOMMENDED OILS

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

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

Service point	Kind of fluid	Capacity ℓ (U.S. gal)	Ambient temperature °C ( °F)								
			-50 (-58)	-30 (-22)	-20 (-4)	-10 (14)	0 (32)	10 (50)	20 (68)	30 (86)	40 (104)
Engine oil pan	Engine oil	11 (2.9)	★SAE 0W-40								
				SAE 5W-40							
					SAE 15W-40						
Swing drive	Gear oil	3.5 (0.9)	★SAE 75W-90								
Final drive		2.3x2 (0.6x2)		SAE 80W-90							
Hydraulic tank	Hydraulic oil	Tank 120 (31.7)	★ISO VG 15								
		System 210 (55.5)		ISO VG 32							
					ISO VG 68						
Fuel tank	Diesel fuel	270 (71.3)	★ASTM D975 NO.1								
						ASTM D975 NO.2					
Fitting (grease nipple)	Grease	As required	★NLGI NO.1								
					NLGI NO.2						
Radiator (reservoir tank)	Mixture of antifreeze and soft water★ <sup>1</sup>	23 (6.1)		Ethylene glycol base permanent type (50 : 50)							
			★Ethylene glycol base permanent type (60 : 40)								

**SAE** : Society of Automotive Engineers

★ : Cold region (Russia, CIS, Mongolia)

**API** : American Petroleum Institute

★<sup>1</sup> : Soft water

**ISO** : International Organization for Standardization

City water or distilled water

**NLGI** : National Lubricating Grease Institute

**ASTM** : American Society of Testing and Material

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

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

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