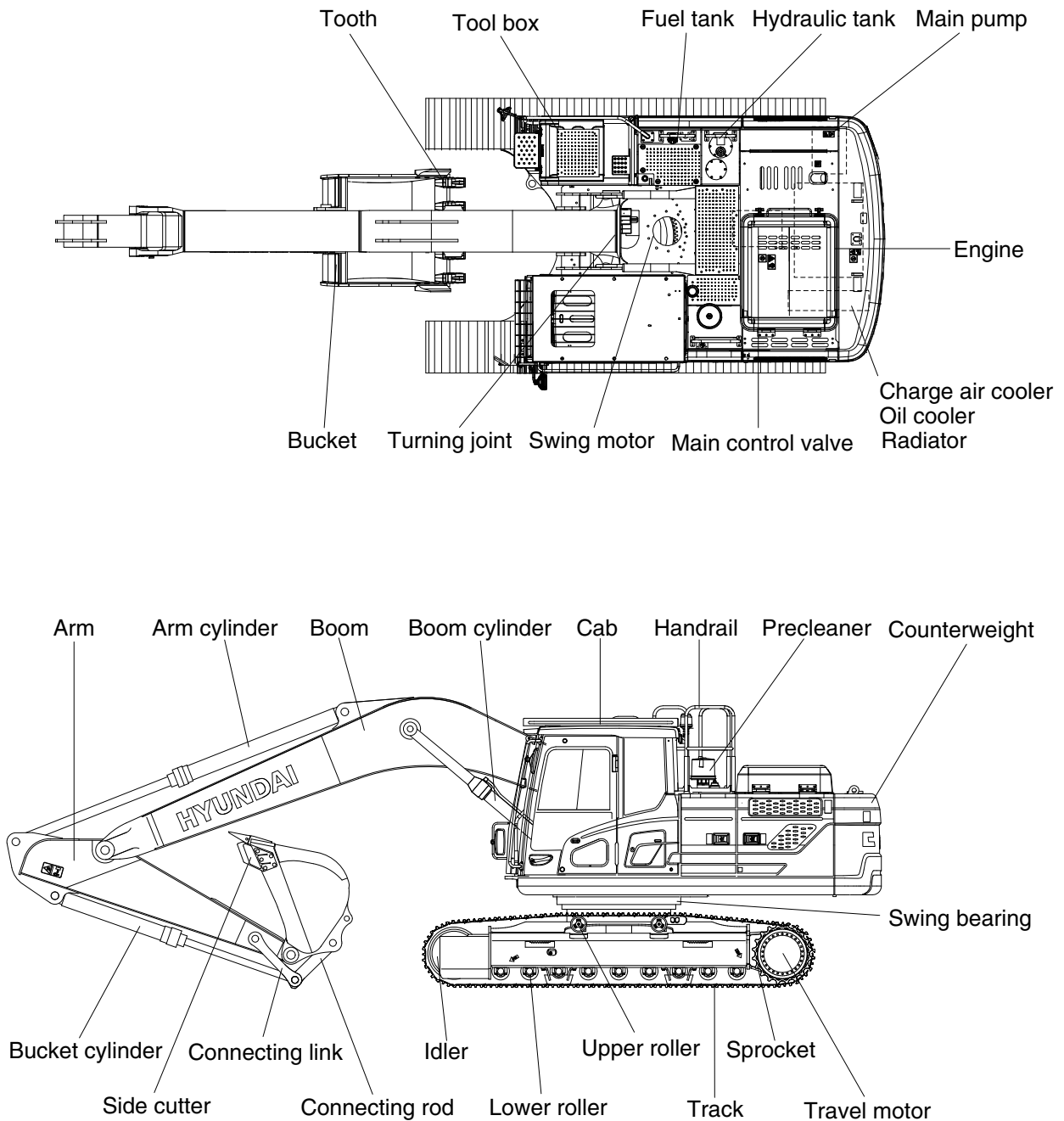


# SPECIFICATIONS

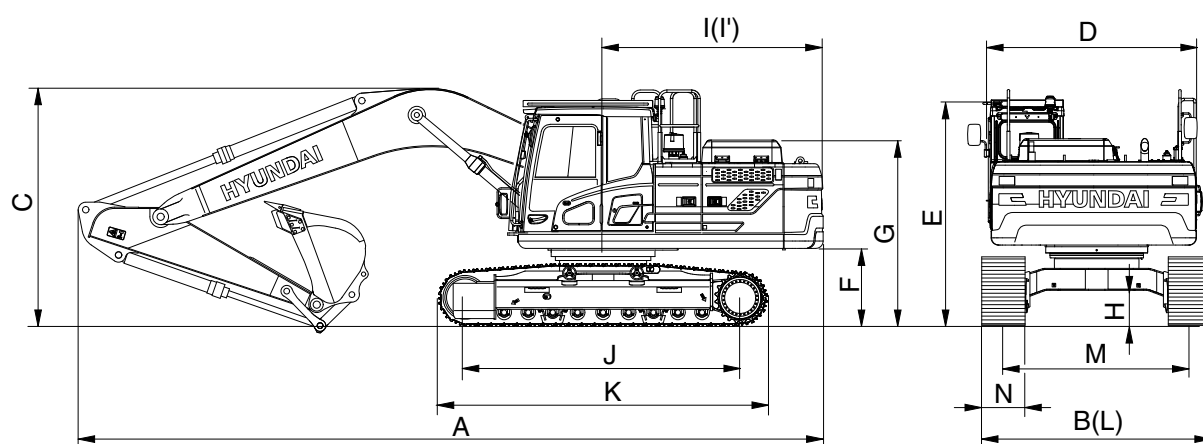
## 1. MAJOR COMPONENT



260SA2SP01

## 2. SPECIFICATIONS

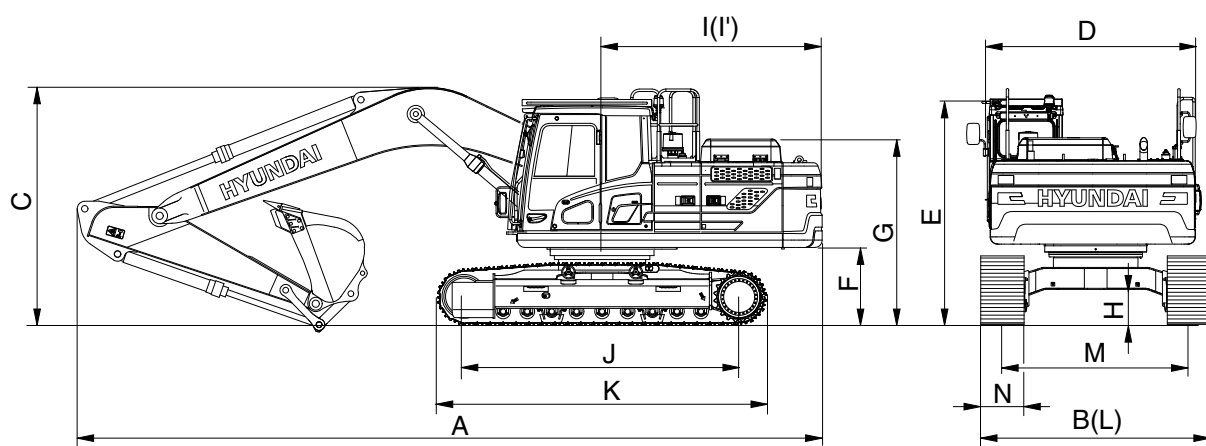
### 1) HX260LT3, MONO BOOM



260SA2SP02

Description		Unit		Specification			
		m (ft-in)	Boom	5.85 (19' 2")			
			Arm	3.05 (10' 0")	2.10 (6' 11")	2.50 (8' 2")	3.60 (11' 10")
		mm (in)	Shoe	600 (24)			
Operating weight		kg (lb)		26060 (57450)	25930 (57170)	25990 (57300)	26240 (57850)
Bucket capacity (SAE heaped) standard		m <sup>3</sup> (yd <sup>3</sup> )		1.08 (1.41)	1.08 (1.41)	1.08 (1.41)	1.08 (1.41)
Overall length	A	mm (ft-in)		10010 (32' 10")	10170 (33' 4")	10070 (33' 0")	10040 (32' 11")
Overall width	B			3180 (10' 5")	3180 (10' 5")	3180 (10' 5")	3180 (10' 5")
Overall height of boom	C			3230 (10' 7")	3480 (11' 5")	3360 (11' 0")	3360 (11' 0")
Superstructure width	D			2840 (9' 4")	2840 (9' 4")	2840 (9' 4")	2840 (9' 4")
Overall height of cab	E			3050 (10' 0")	3050 (10' 0")	3050 (10' 0")	3050 (10' 0")
Ground clearance of counterweight	F			1110 (3' 8")	1110 (3' 8")	1110 (3' 8")	1110 (3' 8")
Overall height of engine hood	G			2580 (8' 6")	2580 (8' 6")	2580 (8' 6")	2580 (8' 6")
Overall height of handrail	G'			3260 (10' 8")	3260 (10' 8")	3260 (10' 8")	3260 (10' 8")
Minimum ground clearance	H			480 (1' 7")	480 (1' 7")	480 (1' 7")	480 (1' 7")
Rear-end distance	I			2990 (9' 10")	2990 (9' 10")	2990 (9' 10")	2990 (9' 10")
Rear-end swing radius	I'			3085 (10' 1")	3085 (10' 1")	3085 (10' 1")	3085 (10' 1")
Distance between tumblers	J			3830 (12' 7")	3830 (12' 7")	3830 (12' 7")	3830 (12' 7")
Undercarriage length	K			4640 (15' 3")	4640 (15' 3")	4640 (15' 3")	4640 (15' 3")
Undercarriage width	L			3180 (10' 5")	3180 (10' 5")	3180 (10' 5")	3180 (10' 5")
Track gauge	M			2580 (8' 6")	2580 (8' 6")	2580 (8' 6")	2580 (8' 6")
Track shoe width standard	N			600 (24")	600 (24")	600 (24")	600 (24")
Travel speed (low/high)		km/hr (mph)		3.2/5.6	3.2/5.6	3.2/5.6	3.2/5.6
Swing speed		rpm		10.9	10.9	10.9	10.9
Gradeability		Degree (%)		35 (70)	35 (70)	35 (70)	35 (70)
Ground pressure		kgf/cm <sup>2</sup> (psi)		0.53 (7.54)	0.53 (7.50)	0.53 (7.52)	0.53 (7.59)
Max traction force		kg (lb)		22193 48927	22193 48927	22193 48927	22193 48927

## 2) HX260LT3, HW

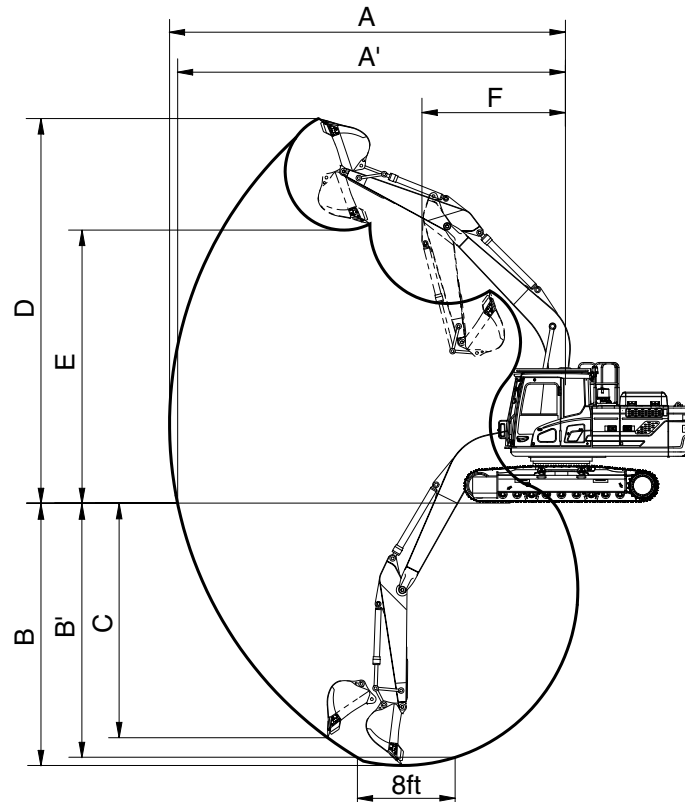


260SA2SP02

Description	Unit		Specification			
	m (ft-in)	Boom	5.85 (19' 2")			
		Arm	3.05 (10' 0")	2.10 (6' 11")	2.50 (8' 2")	3.60 (11' 10")
	mm (in)	Shoe	600 (24)			
Operating weight	kg (lb)		30710 (67700)	30580 (67420)	30640 (67550)	30890 (68100)
Bucket capacity (SAE heaped) standard	m <sup>3</sup> (yd <sup>3</sup> )		1.08 (1.4)	1.08 (1.4)	1.08 (1.4)	1.08 (1.4)
Overall length	A	mm (ft-in)	9870 (32' 5")	10160 (33' 4")	10020 (32' 10")	10040 (32' 11")
Overall width	B		3390 (11' 1")	3390 (11' 1")	3390 (11' 1")	3390 (11' 1")
Overall height of boom	C		3220 (10' 7")	3630 (11' 11")	3460 (11' 4")	3610 (11' 10")
Superstructure width	D		2840 (9' 4")	2840 (9' 4")	2840 (9' 4")	2840 (9' 4")
Overall height of cab	E		3395 (11' 2")	3395 (11' 2")	3395 (11' 2")	3395 (11' 2")
Ground clearance of counterweight	F		1475 (4' 10")	1475 (4' 10")	1475 (4' 10")	1475 (4' 10")
Overall height of engine hood	G		2925 (9' 7")	2925 (9' 7")	2925 (9' 7")	2925 (9' 7")
Overall height of handrail	G'		3605 (11' 10")	3605 (11' 10")	3605 (11' 10")	3605 (11' 10")
Minimum ground clearance	H		765 (2' 6")	765 (2' 6")	765 (2' 6")	765 (2' 6")
Rear-end distance	I		2990 (9' 10")	2990 (9' 10")	2990 (9' 10")	2990 (9' 10")
Rear-end swing radius	I'		3085 (10' 1")	3085 (10' 1")	3085 (10' 1")	3085 (10' 1")
Distance between tumblers	J		4030 (13' 3")	4030 (13' 3")	4030 (13' 3")	4030 (13' 3")
Undercarriage length	K		4940 (16' 2")	4940 (16' 2")	4940 (16' 2")	4940 (16' 2")
Undercarriage width	L		3390 (11' 1")	3390 (11' 1")	3390 (11' 1")	3390 (11' 1")
Track gauge	M		2790 (9' 2")	2790 (9' 2")	2790 (9' 2")	2790 (9' 2")
Track shoe width standard	N		600 (24")	600 (24")	600 (24")	600 (24")
Travel speed (low/high)	km/hr (mph)		2.6/4.7 1.6/2.9	2.6/4.7 1.6/2.9	2.6/4.7 1.6/2.9	2.6/4.7 1.6/2.9
Swing speed	rpm		10.9	10.9	10.9	10.9
Gradeability	Degree (%)		35 (70)	35 (70)	35 (70)	35 (70)
Ground pressure	kgf/cm <sup>2</sup> (psi)		0.59 (8.41)	0.59 (8.37)	0.59 (8.39)	0.60 (8.46)
Max traction force	kg (lb)		27405 (60418)	27405 (60418)	27405 (60418)	27405 (60418)

### 3. WORKING RANGE AND DIGGING FORCE

#### 1) HX260LT3, MONO BOOM

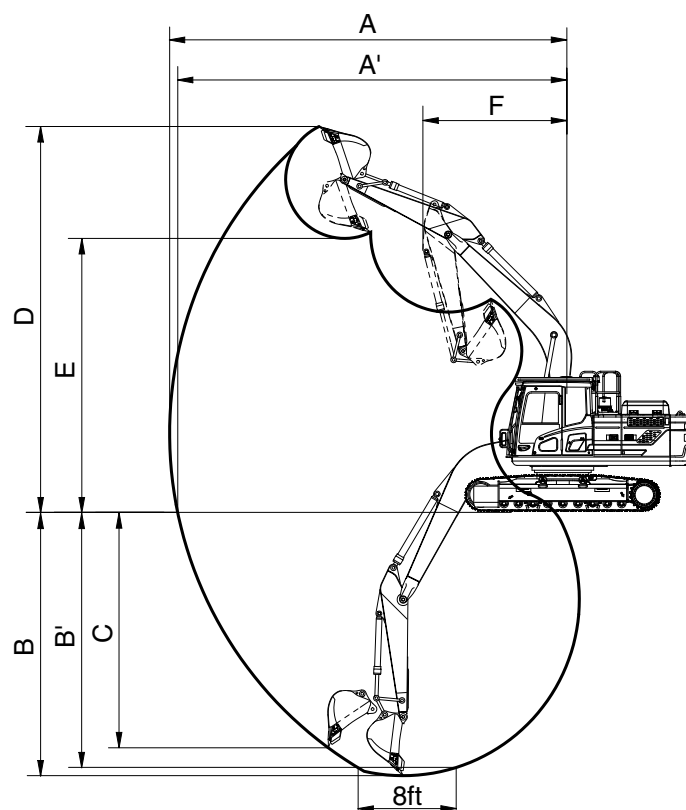


260SA2SP10

Description	m (ft-in)	Boom	5.85 (19' 2")			
		Arm	3.05 (10' 0")	2.10 (6' 11")	2.50 (8' 2")	3.60 (11' 10")
Max digging reach	mm (ft-in)	A	10360 (34' 0")	9560 (31' 4")	9870 (32' 5")	10870 (35' 8")
Max digging reach on ground		A'	10190 (33' 5")	9370 (30' 9")	9690 (31' 9")	10710 (35' 2")
Max digging depth		B	7010 (23' 0")	6060 (19' 11")	6460 (21' 2")	7560 (24' 10")
Max digging depth (8 ft level)		B'	6850 (22' 6")	5850 (19' 2")	6280 (20' 7")	7420 (24' 4")
Max vertical wall digging depth		C	6170 (20' 3")	5520 (18' 1")	5680 (18' 8")	6860 (22' 6")
Max digging height		D	10260 (33' 8")	9950 (32' 8")	10020 (32' 10")	10560 (34' 8")
Max dumping height		E	7150 (23' 5")	6800 (22' 4")	6900 (22' 8")	7430 (24' 5")
Min swing radius		F	3450 (11' 4")	3840 (12' 7")	3190 (10' 6")	3150 (10' 4")
Bucket digging force	kN	SAE	154.0 [168]	153.0 [166.9]	154.0 [168]	154.0 [168]
	kgf		15700 [17130]	15600 [17020]	15700 [17130]	15700 [17130]
	lbf		34610 [37770]	34390 [37520]	34610 [37770]	34610 [37770]
	kN	ISO	178.5 [194.7]	177.5 [193.7]	177.5 [193.7]	178.5 [194.7]
	kgf		18200 [19850]	18100 [19750]	18100 [19750]	18200 [19850]
	lbf		40120 [43760]	39900 [43540]	39900 [43540]	40120 [43760]
Arm digging force	kN	SAE	112.8 [123.1]	158.9 [173.3]	134.4 [146.6]	103.0 [112.3]
	kgf		11500 [12550]	16200 [17670]	13700 [14950]	10500 [11450]
	lbf		25350 [27670]	35710 [38960]	30200 [32960]	23150 [25240]
	kN	ISO	117.7 [128.4]	167.7 [182.9]	141.2 [154.1]	106.9 [116.6]
	kgf		12000 [13090]	17100 [18650]	14400 [15710]	10900 [11890]
	lbf		26460 [28860]	37700 [41120]	31750 [34630]	24030 [26210]

[ ] : Power boost

## 2) HX260LT3, HW



260SA2SP10

Description	m (ft-in)	Boom	5.85 (19' 2")			
		Arm	3.05 (10' 0")	2.10 (6' 11")	2.50 (8' 2")	3.60 (11' 10")
Max digging reach	mm (ft-in)	A	10360 (34' 0")	9560 (31' 4")	9870 (32' 5")	10870 (35' 8")
Max digging reach on ground		A'	10120 (33' 2")	9290 (30' 6")	9610 (31' 6")	10640 (34' 11")
Max digging depth		B	6650 (21' 10")	5700 (18' 8")	6100 (20' 0")	7200 (23' 7")
Max digging depth (8 ft level)		B'	6490 (21' 4")	5490 (18' 0")	5910 (19' 5")	7050 (23' 2")
Max vertical wall digging depth		C	5810 (19' 1")	5150 (16' 11")	5320 (17' 5")	6500 (21' 4")
Max digging height		D	10620 (34' 10")	10310 (33' 10")	10380 (34' 1")	10920 (35' 10")
Max dumping height		E	7510 (24' 8")	7160 (23' 6")	7260 (23' 10")	7790 (25' 7")
Min swing radius		F	3450 (11' 4")	3840 (12' 7")	3190 (10' 6")	3150 (10' 4")
Bucket digging force	kN	SAE	154.0 [168]	153.0 [166.9]	154.0 [168]	154.0 [168]
	kgf		15700 [17130]	15600 [17020]	15700 [17130]	15700 [17130]
	lbf		34610 [37770]	34390 [37520]	34610 [37770]	34610 [37770]
	kN	ISO	178.5 [194.7]	177.5 [193.7]	177.5 [193.7]	178.5 [194.7]
	kgf		18200 [19850]	18100 [19750]	18100 [19750]	18200 [19850]
	lbf		40120 [43760]	39900 [43540]	39900 [43540]	40120 [43760]
Arm digging force	kN	SAE	112.8 [123.1]	158.9 [173.3]	134.4 [146.6]	103.0 [112.3]
	kgf		11500 [12550]	16200 [17670]	13700 [14950]	10500 [11450]
	lbf		25350 [27670]	35710 [38960]	30200 [32960]	23150 [25240]
	kN	ISO	117.7 [128.4]	167.7 [182.9]	141.2 [154.1]	106.9 [116.6]
	kgf		12000 [13090]	17100 [18650]	14400 [15710]	10900 [11890]
	lbf		26460 [28860]	37700 [41120]	31750 [34630]	24030 [26210]

[ ] : Power boost

## 4. WEIGHT

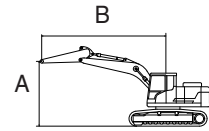
Item	HX260LT3		HX260LT3 HW	
	kg	lb	kg	lb
Upperstructure assembly	11671	25730	11685	25760
Main frame weld assembly	2430	5360	2430	5360
Engine assembly	552	1220	552	1220
Main pump assembly	146	320	146	320
Main control valve assembly	220	490	220	490
Swing motor assembly	380	840	380	840
Hydraulic oil tank WA	185	410	185	410
Fuel tank WA	216	480	216	480
Counterweight	4600	10140	4600	10140
Cab assembly	495	1090	495	1090
Lower chassis assembly	8902	19630	13551	29870
Track frame weld assembly	2930	6460	5170	11400
Swing bearing	364	800	364	800
Travel motor assembly (2EA)	610	1340	886	1950
Turning joint	53	120	53	120
Sprocket (2EA)	103	230	103	230
Track recoil spring (2EA)	326	720	326	720
Idler (2EA)	301	660	301	660
Upper roller (2EA)	82	180	82	180
Lower roller (18EA)	855	1880	855	1880
Track-chain assembly (600 mm triple grouser shoe) (2EA)	3000	6610	3000	6610
Front attachment assembly				
5.85 m boom assembly	5487	12100	5487	12100
3.05 m arm assembly	2055	4530	2055	4530
1.08 m³ SAE heaped bucket	987	2180	987	2180
Boom cylinder assembly (2EA)	910	2010	910	2010
Arm cylinder assembly	474	1040	474	1040
Bucket cylinder assembly	334	740	334	740
Bucket control linkage total	206	450	206	450











## 5. LIFTING CAPACITIES

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX260LT3	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5850	2010	4600	600	-	-	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



Lift-point height (A)		Lift-point radius (B)								At max. reach		
		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach
												m (ft)
7.5 m (24.6 ft)	kg lb									*7270 *16030	*7270 *16030	5.55 (18.2)
6.0 m (19.7 ft)	kg lb			*7450 *16420	*7450 *16420	*7020 *15480	6840 15080			*7120 *15700	5570 12280	6.77 (22.2)
4.5 m (14.8 ft)	kg lb			*9300 *20500	*9300 *20500	*7680 *16930	6610 14570			6980 15390	4650 10250	7.49 (24.6)
3.0 m (9.8 ft)	kg lb					*8750 *19290	6300 13890	6850 15100	4540 10010	6360 14020	4220 9300	7.86 (25.8)
1.5 m (4.9 ft)	kg lb					9390 20700	6030 13290	6720 14820	4410 9720	6190 13650	4080 8990	7.93 (26.0)
0.0 m (0.0 ft)	kg lb			*14160 *31220	8870 19550	9220 20330	5880 12960	6640 14640	4350 9590	6400 14110	4200 9260	7.70 (25.3)
-1.5 m (-4.9 ft)	kg lb			*13770 *30360	8910 19640	9210 20300	5870 12940			7130 15720	4660 10270	7.16 (23.5)
-3.0 m (-9.8 ft)	kg lb	*16820 *37080	*16820 *37080	*12420 *27380	9090 20040	*9100 *20060	6030 13290			*8600 *18960	5780 12740	6.20 (20.4)

Note 1. Lifting capacity are based on ISO 10567.

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

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

4. \*Indicates load limited by hydraulic capacity.

※ Lifting capacities are based upon a standard machine conditions.

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

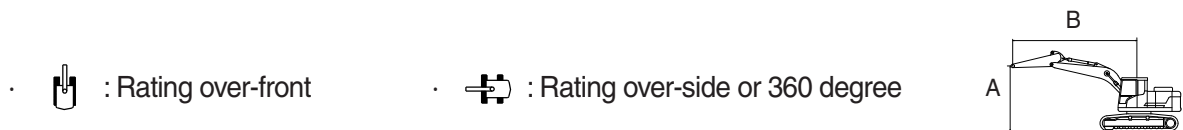
The difference between the weight of a work tool attachment must be subtracted.











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

Failure to comply to the rated load can cause possible personal injury or property damage.

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

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX260LT3	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5850	2500	4600	600	-	-	-	-	-



Lift-point height (A)		Lift-point radius (B)								At max. reach		
		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach
												m (ft)
7.5 m (24.6 ft)	kg lb									*6090 *13430	*6090 *13430	6.00 (19.7)
6.0 m (19.7 ft)	kg lb					*6490 *14310	*6490 *14310			*5660 *12480	5160 11380	7.14 (23.4)
4.5 m (14.8 ft)	kg lb			*8580 *18920	*8580 *18920	*7240 *15960	6680 14730	*6730 *14840	4690 10340	*5590 *12320	4360 9610	7.82 (25.7)
3.0 m (9.8 ft)	kg lb			*11110 *24490	9690 21360	*8360 *18430	6350 14000	6870 15150	4550 10030	*5750 *12680	3970 8750	8.18 (26.8)
1.5 m (4.9 ft)	kg lb			*13180 *29060	9100 20060	9430 20790	6060 13360	6720 14820	4410 9720	5830 12850	3840 8470	8.25 (27.1)
0.0 m (0.0 ft)	kg lb			*14060 *31000	8860 19530	9220 20330	5870 12940	6610 14570	4320 9520	6000 13230	3930 8660	8.03 (26.3)
-1.5 m (-4.9 ft)	kg lb	*11530 *25420	*11530 *25420	*13950 *30750	8840 19490	9160 20190	5820 12830	6620 14590	4320 9520	6610 14570	4310 9500	7.51 (24.6)
-3.0 m (-9.8 ft)	kg lb	*18010 *39710	*18010 *39710	*12910 *28460	8980 19800	9270 20440	5920 13050			8060 17770	5220 11510	6.61 (21.7)
-4.5 m (-14.8 ft)	kg lb			*10170 *22420	9350 20610					*8590 *18940	7760 17110	5.12 (16.8)

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.

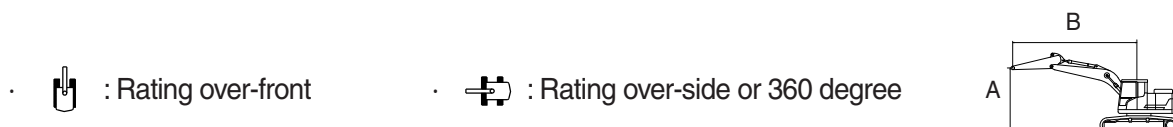
The difference between the weight of a work tool attachment must be subtracted.













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

Failure to comply to the rated load can cause possible personal injury or property damage.

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

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX260LT3	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5850	3050	4600	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							*5640	*5640			*4020	*4020	6.66
	lb							*12430	*12430			*8860	*8860	(21.8)
6.0 m (19.7 ft)	kg							*5760	*5760	*4720	*4720	*3770	*3770	7.70
	lb							*12700	*12700	*10410	*10410	*8310	*8310	(25.3)
4.5 m (14.8 ft)	kg					*7520	*7520	*6570	*6570	*6150	4720	*3730	*3730	8.34
	lb					*16580	*16580	*14480	*14480	*13560	10410	*8220	*8220	(27.4)
3.0 m (9.8 ft)	kg					*10060	9890	*7760	6410	*6720	4560	*3840	3610	8.67
	lb					*22180	21800	*17110	14130	*14820	10050	*8470	7960	(28.5)
1.5 m (4.9 ft)	kg					*12400	9200	*8980	6070	6700	4390	*4110	3490	8.74
	lb					*27340	20280	*19800	13380	14770	9680	*9060	7690	(28.7)
0.0 m (0.0 ft)	kg			*6350	*6350	*13710	8830	9190	5840	6560	4260	*4580	3550	8.53
	lb			*14000	*14000	*30230	19470	20260	12870	14460	9390	*10100	7830	(28.0)
-1.5 m (-4.9 ft)	kg	*7180	*7180	*11200	*11200	*13990	8730	9080	5740	6510	4210	*5410	3840	8.04
	lb	*15830	*15830	*24690	*24690	*30840	19250	20020	12650	14350	9280	*11930	8470	(26.4)
-3.0 m (-9.8 ft)	kg	*12130	*12130	*17610	*17610	*13350	8810	9120	5780			6970	4520	7.21
	lb	*26740	*26740	*38820	*38820	*29430	19420	20110	12740			15370	9960	(23.7)
-4.5 m (-14.8 ft)	kg			*16130	*16130	*11410	9080					*8250	6180	5.88
	lb			*35560	*35560	*25150	20020					*18190	13620	(19.3)

Note 1. Lifting capacity are based on ISO 10567.

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

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

4. \*Indicates load limited by hydraulic capacity.

※ Lifting capacities are based upon a standard machine conditions.

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

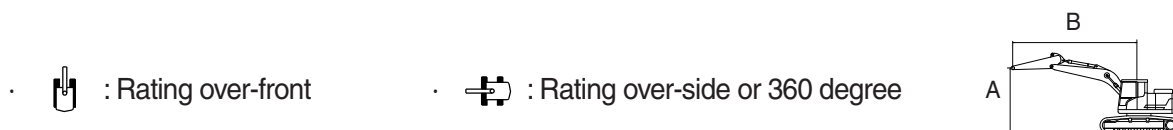
The difference between the weight of a work tool attachment must be subtracted.















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

Failure to comply to the rated load can cause possible personal injury or property damage.

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

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX260LT3	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5850	3600	4600	600	-	-	-	-	-



Lift-point height (A)		Lift-point radius (B)												At max. reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		9.0 m (29.5 ft)		Capacity		Reach
																m (ft)
9.0 m (29.5 ft)	kg													*3960	*3960	5.83
	lb													*8730	*8730	(19.1)
7.5 m (24.6 ft)	kg													*3480	*3480	7.32
	lb													*7670	*7670	(24.0)
6.0 m (19.7 ft)	kg									*5160	4880			*3290	*3290	8.27
	lb									*11380	10760			*7250	*7250	(27.1)
4.5 m (14.8 ft)	kg							*5870	*5870	*5600	4760			*3260	*3260	8.87
	lb							*12940	*12940	*12350	10490			*7190	*7190	(29.1)
3.0 m (9.8 ft)	kg					*8950	*8950	*7110	6480	*6230	4570	*4260	3390	*3350	3260	9.19
	lb					*19730	*19730	*15670	14290	*13730	10080	*9390	7470	*7390	7190	(30.1)
1.5 m (4.9 ft)	kg					*11490	9300	*8430	6090	6700	4380	*4900	3300	*3560	3160	9.25
	lb					*25330	20500	*18580	13430	14770	9660	*10800	7280	*7850	6970	(30.3)
0.0 m (0.0 ft)	kg			*7080	*7080	*13180	8810	9170	5810	6520	4210	*4320	3230	*3930	3200	9.05
	lb			*15610	*15610	*29060	19420	20220	12810	14370	9280	*9520	7120	*8660	7050	(29.7)
-1.5 m (-4.9 ft)	kg	*6440	*6440	*10510	*10510	*13840	8620	8990	5650	6420	4130			*4560	3420	8.60
	lb	*14200	*14200	*23170	*23170	*30510	19000	19820	12460	14150	9110			*10050	7540	(28.2)
-3.0 m (-9.8 ft)	kg	*10440	*10440	*15470	*15470	*13580	8630	8980	5640	6450	4150			*5730	3930	7.82
	lb	*23020	*23020	*34110	*34110	*29940	19030	19800	12430	14220	9150			*12630	8660	(25.7)
-4.5 m (-14.8 ft)	kg	*15510	*15510	*17650	*17650	*12230	8840	*8930	5790					*7710	5080	6.62
	lb	*34190	*34190	*38910	*38910	*26960	19490	*19690	12760					*17000	11200	(21.7)

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.

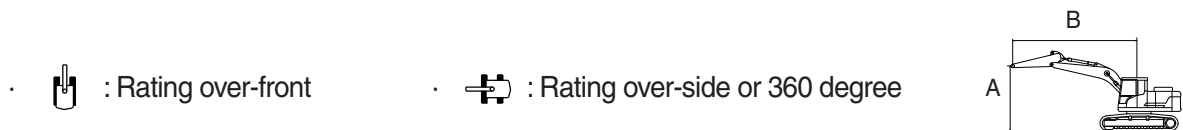
The difference between the weight of a work tool attachment must be subtracted.











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

Failure to comply to the rated load can cause possible personal injury or property damage.

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

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX260LT3 HW	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5850	2100	4600	600	-	-	-	-	-



Lift-point height (A)		Lift-point radius (B)								At max. reach		
		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach
												m (ft)
7.5 m (24.6 ft)	kg lb									*7200 *15870	*7200 *15870	5.91 (19.4)
6.0 m (19.7 ft)	kg lb			*7800 *17200	*7800 *17200	*7110 *15670	*7110 *15670			*7130 *15720	6500 14330	6.98 (22.9)
4.5 m (14.8 ft)	kg lb			*9890 *21800	*9890 *21800	*7920 *17460	*7920 *17460	*7230 *15940	5720 12610	*7230 *15940	5590 12320	7.61 (25.0)
3.0 m (9.8 ft)	kg lb					*9010 *19860	7730 17040	*7610 *16780	5610 12370	*7440 *16400	5190 11440	7.90 (25.9)
1.5 m (4.9 ft)	kg lb					*9940 *21910	7480 16490	*8040 *17730	5490 12100	7580 16710	5110 11270	7.90 (25.9)
0.0 m (0.0 ft)	kg lb			*14140 *31170	11220 24740	*10380 *22880	7360 16230	8130 17920	5450 12020	7980 17590	5350 11790	7.60 (24.9)
-1.5 m (-4.9 ft)	kg lb	*13230 *29170	*13230 *29170	*13550 *29870	11290 24890	*10130 *22330	7380 16270			*8390 *18500	6060 13360	6.97 (22.9)
-3.0 m (-9.8 ft)	kg lb	*16040 *35360	*16040 *35360	*11860 *26150	11520 25400					*8640 *19050	7820 17240	5.89 (19.3)

Note 1. Lifting capacity are based on ISO 10567.

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

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

4. \*Indicates load limited by hydraulic capacity.

※ Lifting capacities are based upon a standard machine conditions.

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

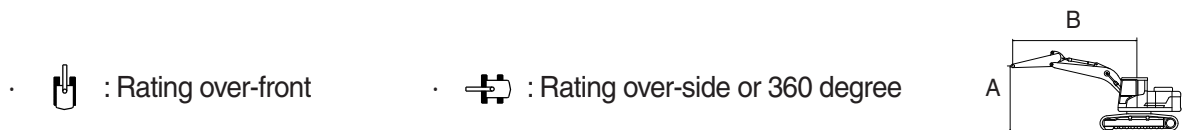
The difference between the weight of a work tool attachment must be subtracted.











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

Failure to comply to the rated load can cause possible personal injury or property damage.

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

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX260LT3 HW	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5850	2500	4600	600	-	-	-	-	-



Lift-point height (A)		Lift-point radius (B)								At max. reach		
		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach
												m (ft)
7.5 m (24.6 ft)	kg lb					*6460 *14240	*6460 *14240			*5940 *13100	*5940 *13100	6.33 (20.8)
6.0 m (19.7 ft)	kg lb					*6620 *14590	*6620 *14590			*5620 *12390	*5620 *12390	7.34 (24.1)
4.5 m (14.8 ft)	kg lb			*9160 *20190	*9160 *20190	*7490 *16510	*7490 *16510	*6810 *15010	5760 12700	*5610 *12370	5260 11600	7.94 (26.0)
3.0 m (9.8 ft)	kg lb			*11700 *25790	*11700 *25790	*8650 *19070	7780 17150	*7320 *16140	5620 12390	*5820 *12830	4890 10780	8.22 (27.0)
1.5 m (4.9 ft)	kg lb			*13500 *29760	11370 25070	*9690 *21360	7500 16530	*7840 *17280	5480 12080	*6300 *13890	4820 10630	8.22 (27.0)
0.0 m (0.0 ft)	kg lb			*14110 *31110	11190 24670	*10280 *22660	7350 16200	8090 17840	5400 11900	*7170 *15810	5020 11070	7.93 (26.0)
-1.5 m (-4.9 ft)	kg lb	*13530 *29830	*13530 *29830	*13790 *30400	11210 24710	*10240 *22580	7330 16160			*8060 *17770	5600 12350	7.33 (24.0)
-3.0 m (-9.8 ft)	kg lb	*17300 *38140	*17300 *38140	*12460 *27470	11400 25130	*9140 *20150	7480 16490			*8460 *18650	7000 15430	6.31 (20.7)

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.

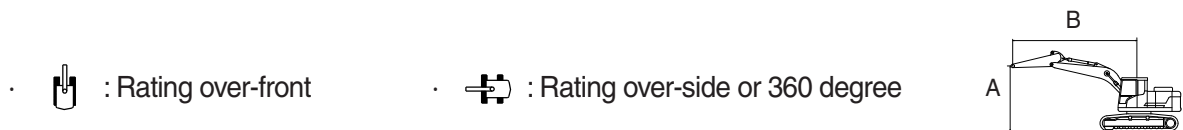
The difference between the weight of a work tool attachment must be subtracted.













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

Failure to comply to the rated load can cause possible personal injury or property damage.

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

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX260LT3 HW	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5850	3050	4600	600	-	-	-	-	-



Lift-point height (A)		Lift-point radius (B)										At max. reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach
														m (ft)
9.0 m (29.5 ft)	kg lb											*4460 *9830	*4460 *9830	5.47 (18.0)
7.5 m (24.6 ft)	kg lb							*5580 *12300	*5580 *12300			*3930 *8660	*3930 *8660	6.96 (22.8)
6.0 m (19.7 ft)	kg lb							*5910 *13030	*5910 *13030	*5380 *11860	*5380 *11860	*3750 *8270	*3750 *8270	7.89 (25.9)
4.5 m (14.8 ft)	kg lb			*11330 *24980	*11330 *24980	*8090 *17840	*8090 *17840	*6840 *15080	*6840 *15080	*6270 *13820	5790 12760	*3750 *8270	*3750 *8270	8.45 (27.7)
3.0 m (9.8 ft)	kg lb					*10690 *23570	*10690 *23570	*8070 *17790	7830 17260	*6880 *15170	5620 12390	*3890 *8580	*3890 *8580	8.71 (28.6)
1.5 m (4.9 ft)	kg lb					*12820 *28260	11430 25200	*9240 *20370	7510 16560	*7510 *16560	5450 12020	*4200 *9260	*4200 *9260	8.71 (28.6)
0.0 m (0.0 ft)	kg lb			*7450 *16420	*7450 *16420	*13860 *30560	11140 24560	*10020 *22090	7300 16090	*7950 *17530	5340 11770	*4740 *10450	4540 10010	8.44 (27.7)
-1.5 m (-4.9 ft)	kg lb	*8350 *18410	*8350 *18410	*12570 *27710	*12570 *27710	*13920 *30690	11090 24450	*10240 *22580	7230 15940	*7970 *17570	5320 11730	*5710 *12590	4990 11000	7.88 (25.8)
-3.0 m (-9.8 ft)	kg lb	*13480 *29720	*13480 *29720	*18690 *41200	*18690 *41200	*13030 *28730	11210 24710	*9640 *21250	7310 16120			*7740 *17060	6010 13250	6.94 (22.8)
-4.5 m (-14.8 ft)	kg lb			*14980 *33030	*14980 *33030	*10580 *23320	*10580 *23320					*8320 *18340	*8320 *18340	5.45 (17.9)

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.

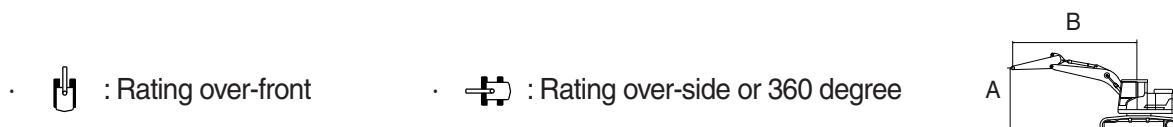
The difference between the weight of a work tool attachment must be subtracted.















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

Failure to comply to the rated load can cause possible personal injury or property damage.

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

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX260LT3 HW	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		5850	3600	4600	-	-	-	-	-	-



Lift-point height (A)		Lift-point radius (B)												At max. reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		9.0 m (29.5 ft)		Capacity		Reach
																m (ft)
9.0 m (29.5 ft)	kg lb							*4480 *9880	*4480 *9880					*3800 *8380	*3800 *8380	6.26 (20.5)
7.5 m (24.6 ft)	kg lb									*3740 *8250	*3740 *8250			*3410 *7520	*3410 *7520	7.59 (24.9)
6.0 m (19.7 ft)	kg lb							*5190 *11440	*5190 *11440	*5290 *11660	*5290 *11660			*3270 *7210	*3270 *7210	8.45 (27.7)
4.5 m (14.8 ft)	kg lb							*6150 *13560	*6150 *13560	*5740 *12650	*5740 *12650			*3270 *7210	*3270 *7210	8.97 (29.4)
3.0 m (9.8 ft)	kg lb					*9610 *21190	*9610 *21190	*7440 *16400	*7440 *16400	*6410 *14130	5630 12410	*4490 *9900	4230 9330	*3390 *7470	*3390 *7470	9.22 (30.3)
1.5 m (4.9 ft)	kg lb					*12000 *26460	11520 25400	*8720 *19220	7520 16580	*7120 *15700	5430 11970	*4910 *10820	4140 9130	*3630 *8000	*3630 *8000	9.22 (30.3)
0.0 m (0.0 ft)	kg lb			*7780 *17150	*7780 *17150	*13430 *29610	11090 24450	*9670 *21320	7260 16010	*7690 *16950	5290 11660			*4050 *8930	*4050 *8930	8.97 (29.4)
-1.5 m (-4.9 ft)	kg lb	*7370 *16250	*7370 *16250	*11560 *25490	*11560 *25490	*13860 *30560	10950 24140	*10110 *22290	7140 15740	7910 17440	5220 11510			*4780 *10540	4450 9810	8.44 (27.7)
-3.0 m (-9.8 ft)	kg lb	*11540 *25440	*11540 *25440	*17020 *37520	*17020 *37520	*13370 *29480	11010 24270	*9870 *21760	7160 15790	*7110 *15670	5280 11640			*6170 *13600	5210 11490	7.58 (24.9)
-4.5 m (-14.8 ft)	kg lb			*16730 *36880	*16730 *36880	*11650 *25680	11280 24870	*8340 *18390	7370 16250					*7820 *17240	7000 15430	6.24 (20.5)

Note 1. Lifting capacity are based on ISO 10567.

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

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

4. \*Indicates load limited by hydraulic capacity.

※ Lifting capacities are based upon a standard machine conditions.

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

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

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

Failure to comply to the rated load can cause possible personal injury or property damage.

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

## 6. BUCKET SELECTION GUIDE

### 1) HX260LT3, 4600 KG COUNTERWEIGHT



General bucket



Heavy duty  
(without side cutter)



Heavy duty  
(with side cutter)



Rock heavy duty

Type	Capacity		Width	Weight	Tooth	MONO			
						Recommendation			
	SAE Heaped	CECE heaped				5.85 m (19' 2") Boom			
	m³ (yd³)	m³ (yd³)				mm (in)	kg (lb)	EA	2.1 m (6' 11")Arm
General bucket	1.08 (1.41)	0.95 (1.24)	1130 (44.5")	910 (2010)	5	●	●	●	●
	1.27 (1.66)	1.10 (1.44)	1290 (50.8")	1010 (2290)	5	●	●	◐	■
	1.50 (1.96)	1.30 (1.70)	1490 (58.7")	1080 (2380)	5	◐	◐	■	X

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

※ These recommendations are for general conditions and average use.

Work tools and ground conditions have effects on machine performance.

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

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

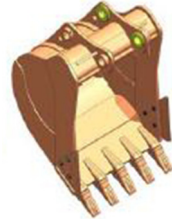
## 2) HX260LT3, 5100 KG COUNTERWEIGHT



General bucket



Heavy duty  
(without side cutter)



Heavy duty  
(with side cutter)



Rock heavy duty

Type	Capacity		Width	Weight	Tooth	MONO			
						Recommendation			
	SAE Heaped	CECE heaped				5.85 m (19' 2") Boom			
	m <sup>3</sup> (yd <sup>3</sup> )	m <sup>3</sup> (yd <sup>3</sup> )				2.1 m (6' 11") Arm	2.5 m (8' 2") Arm	3.05 m (10' 0") Arm	3.60 m (11' 10") Arm
General bucket	1.08 (1.41)	0.95 (1.24)	1130 (44.5")	910 (2010)	5	●	●	●	●
	1.27 (1.66)	1.10 (1.44)	1290 (50.8")	1010 (2290)	5	●	●	●	◐
	1.50 (1.96)	1.30 (1.70)	1490 (58.7")	1080 (2380)	5	●	◐	■	X

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

※ These recommendations are for general conditions and average use.

Work tools and ground conditions have effects on machine performance.

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

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

### 3) HX260LT3 HW, 4600 AND 5100 KG COUNTERWEIGHT



General bucket



Heavy duty  
(without side cutter)



Heavy duty  
(with side cutter)



Rock heavy duty

Type	Capacity		Width	Weight	Tooth	MONO			
						Recommendation			
	SAE Heaped	CECE heaped				5.85 m (19' 2") Boom			
	m <sup>3</sup> (yd <sup>3</sup> )	m <sup>3</sup> (yd <sup>3</sup> )				2.1 m (6' 11") Arm	2.5 m (8' 2") Arm	3.05 m (10' 0") Arm	3.60 m (11' 10") Arm
General bucket	1.08 (1.41)	0.95 (1.24)	1130 (44.5")	910 (2010)	5	●	●	●	●
	1.27 (1.66)	1.10 (1.44)	1290 (50.8")	1010 (2290)	5	●	●	●	●
	1.50 (1.96)	1.30 (1.70)	1490 (58.7")	1080 (2380)	5	●	●	●	X

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

※ These recommendations are for general conditions and average use.

Work tools and ground conditions have effects on machine performance.

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

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

## 7. UNDERCARRIAGE

### 1) TYPES OF SHOES

Model	Description	Unit		Triple grouser							
	width	mm	(in)	600	(24)	700	(28)	800	(32)	900	(36)
HX260LT3	Operating weight	kg	(lb)	26060	57450	26370	58140	26670	58800	26900	59480
	Ground pressure	kgf/cm <sup>2</sup>	(psi)	0.53	7.54	0.46	6.54	0.41	5.79	0.37	5.20
	Overall width	mm	(in)	3180	10' 5"	3280	10' 9"	3380	11' 1"	3480	11' 5"
	Link quantity	EA		51		51		51		51	

Model	Description	Unit		Triple grouser				Double grouser	
	width	mm	(in)	600	(24)	700	(28)	700	(28)
HX260LT3 HW	Operating weight	kg	(lb)	30710	6770	31300	69000	32340	71300
	Ground pressure	kgf/cm <sup>2</sup>	(psi)	0.59	8.41	0.52	7.35	0.53	7.58
	Overall width	mm	(in)	3390	11' 1"	3490	11' 5"	3490	11' 5"
	Link quantity	EA		48		48		48	

### 2) SELECTION OF TRACK SHOE

Suitable track shoes should be selected according to operating conditions.

#### Method of selecting shoes

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

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

**Table 1**

Track shoe	Specification	Category
600 mm triple grouser	Standard	A
700 mm triple grouser	Option	C
700 mm double grouser (HW only)	Option	C
800 mm triple grouser	Option	C
900 mm triple grouser	Option	C

**Table 2**

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

## 8. SPECIFICATIONS FOR MAJOR COMPONENTS

### 1) ENGINE

Item	Specification
Maker / Model	Cummins / HE6.7
Type	4-cycle turbocharged charge air cooled electronic controlled diesel engine
Cooling method	Water cooled
Number of cylinders and arrangement	6 cylinders in-line
Firing order	1-5-3-6-2-4
Combustion chamber type	Direct injection type
Cylinder bore × stroke	107 × 124 mm (4.21" × 4.88")
Displacement	6.7 ℓ (408 cu in)
Compression ratio	17.2 : 1
Gross power	190 Hp (142 kW) at 2200 rpm
Net power	185 Hp (138 kW) at 2200 rpm
Max. power	195 Hp (145 kW) at 2000 rpm
Peak Torque	929 N · m (685 lbf · ft) at 1400 rpm
Engine oil quantity	23.7 ℓ (6.3 U.S. gal)
Wet weight	552 kg (1217 lb)
Starter motor	24 V-4.8 kW
Alternator	Valeo 24 V-95 A

### 2) MAIN PUMP

Item	Specification
Type	Variable displacement tandem axis piston pumps
Capacity	2 × 130 cc/rev
Maximum pressure	350 kgf/cm <sup>2</sup> (4980 psi) [380 kgf/cm <sup>2</sup> (5400 psi)]
Rated oil flow	2 × 247 ℓ /min (65.2 U.S. gpm / 54.3 U.K. gpm)
Rated speed	1700 rpm

[    ] : Power boost

### 3) GEAR PUMP

Item	Specification
Type	Fixed displacement gear pump single stage
Capacity	10 cc/rev
Maximum pressure	40 kgf/cm <sup>2</sup> (570 psi)
Rated oil flow	19 ℓ /min (5.0 U.S. gpm/4.2 U.K. gpm)

### 4) MAIN CONTROL VALVE

Item		Specification
Type		10 spools, two block
Operating method		Hydraulic pilot system
Main relief valve pressure		350 kgf/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	142.8 cc/rev
Relief pressure	300 kgf/cm <sup>2</sup> (4267 psi)
Braking system	Automatic spring applied hydraulic released
Braking torque	58 kgf · m (420 lbf · ft) over
Brake release pressure	20.9~35.5 kgf/cm <sup>2</sup> (297~505 psi) below
Reduction gear type	2 - stage planetary

### 6) TRAVEL MOTOR

Item	Specification	
	HX260LT3	HX260LT3 HW
Type	Variable displacement axial piston motor	
Capacity	182.4/105.4 cc/rev	282.6/156.9 cc/rev
Relief pressure	350 kgf/cm <sup>2</sup> (4980 psi)	
Braking system	Automatic spring applied hydraulic released	
Braking torque	72 kgf · m (521 lbf · ft)	134 kgf · m (969 lbf · ft)
Brake release pressure	16.8 kgf/cm <sup>2</sup> (239 psi)	17 kgf/cm <sup>2</sup> (242 psi)
Reduction gear type	2-stage planetary	

## 7) CYLINDER

Item		Specification
Boom cylinder	Bore dia × Stroke	Ø 135 × 1395 mm
	Cushion	Extend only
Arm cylinder	Bore dia × Stroke	Ø 145 × 1620 mm
	Cushion	Extend and retract
Bucket cylinder	Bore dia × Stroke	Ø 130 × 1185 mm
	Cushion	Extend only

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

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

## 9. RECOMMENDED OILS

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

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

Service point	Kind of fluid	Capacity ℓ (U.S. gal)	Ambient temperature °C ( °F)							
			-50 (-58)	-30 (-22)	-20 (-4)	-10 (14)	0 (32)	10 (50)	20 (68)	30 (86)
Engine oil pan	Engine oil	24.4 (6.4)	★SAE 0W-30							
			SAE 5W-30							
			SAE 10W-30							
			SAE CI-4 and 10W-30							
			SAE 5W-40 or 15W-40							
Swing drive	Gear oil	7.0 (1.8)	★SAE 75W-90							
Final drive		7.0 (1.8) 6.0 (1.6)-HW	SAE 80W-90							
Hydraulic tank	Hydraulic oil	Tank 160 (42.3)	★ISO VG 15							
		System 275 (72.6)	ISO VG 32							
			ISO VG 68							
Fuel tank	Diesel fuel	450 (119)	★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>	40 (10.6)	Ethylene glycol base permanent type (50 : 50)							
			★Ethylene glycol base permanent type (60 : 40)							

**SAE** : Society of Automotive Engineers

**API** : American Petroleum Institute

**ISO** : International Organization for Standardization

**NLGI** : National Lubricating Grease Institute

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

★ : Cold region (Russia CIS Mongolia)

★1 : Soft water

City water or distilled water

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

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

※ 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 HD Hyundai Construction Equipment dealers.