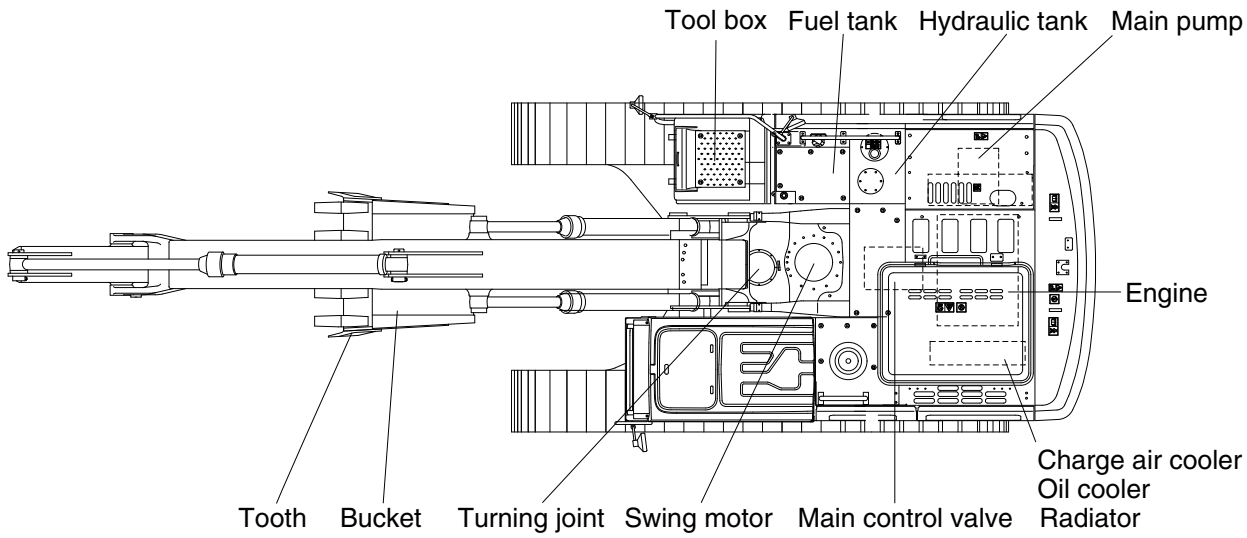
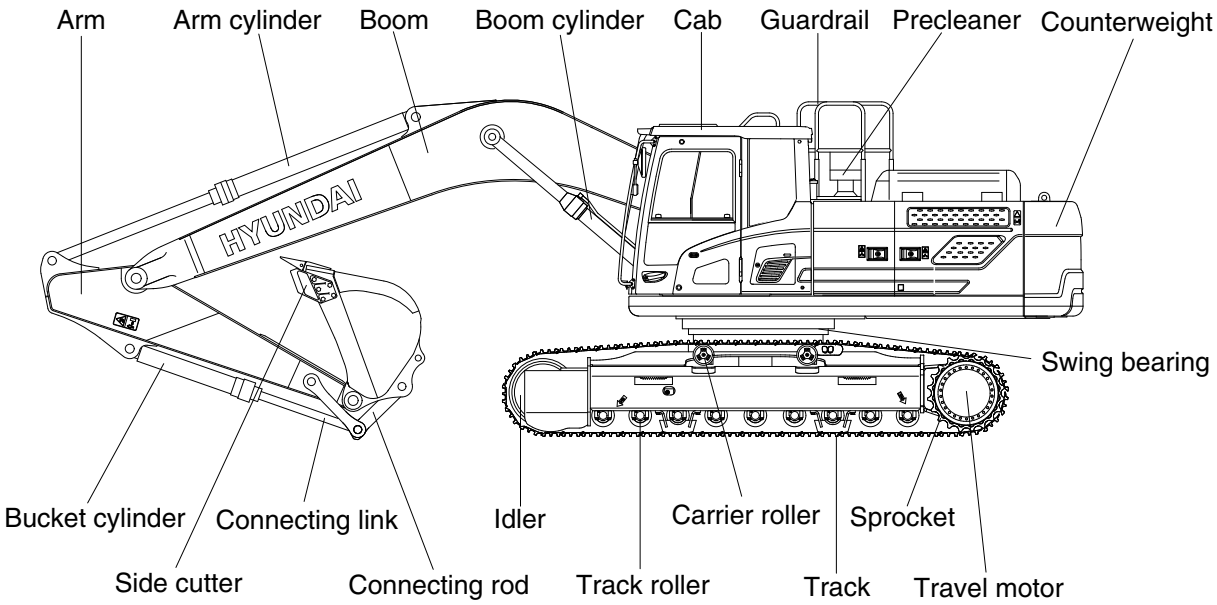
1. MAJOR COMPONENT

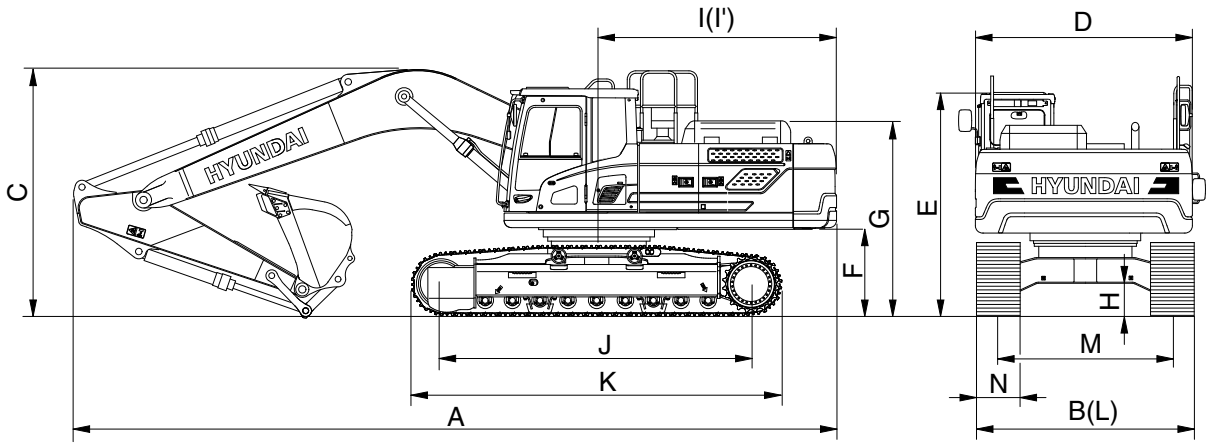




300SA2SP01A

2. SPECIFICATIONS

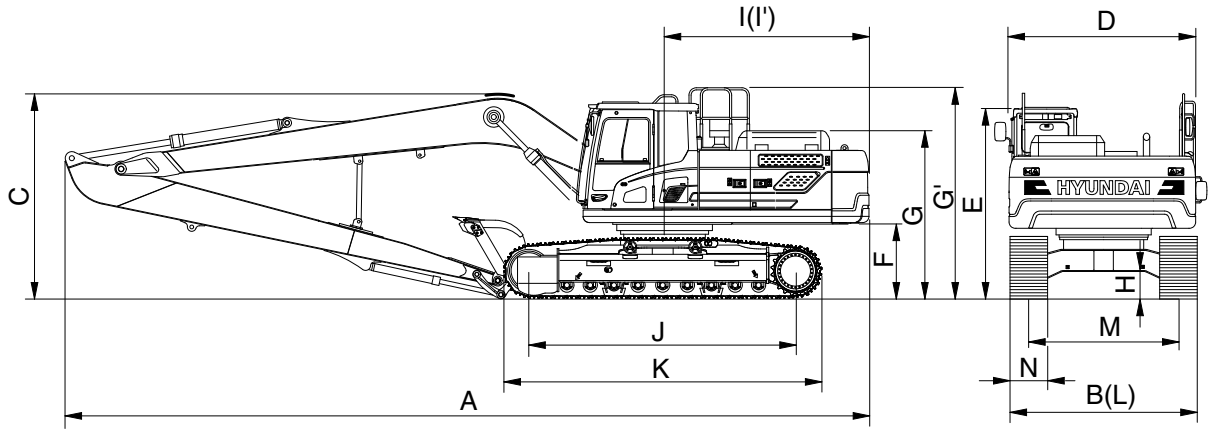
1) HX300LT3, MONO BOOM



300SA2SP02

Description		Unit		Specification			
		m (ft-in)	Boom	6.245 (20' 6")			
			Arm	3.10 (10' 2")	2.10 (6' 11")	2.50 (8' 2")	3.75 (12' 4")
		mm (in)	Shoe	600 (24")			
Operating weight		kg (lb)		29980 (66090)	29780 (65650)	29860 (65830)	30110 (66380)
Bucket capacity (SAE heaped), standard		m^3 (yd^3)		1.27 (1.66)	1.27 (1.66)	1.27 (1.66)	1.27 (1.66)
Overall length	A	mm (ft-in)		10560 (34' 8")	10710 (35' 2")	10670 (35' 0")	10630 (34' 11")
Overall width	B			3200 (10' 6")	3200 (10' 6")	3200 (10' 6")	3200 (10' 6")
Overall height of boom	C			3335 (10' 11")	3580 (11' 9")	3485 (11' 5")	3535 (11' 7")
Superstructure width	D			2980 (9' 9")	2980 (9' 9")	2980 (9' 9")	2980 (9' 9")
Overall height of cab	E			3125 (10' 3")	3125 (10' 3")	3125 (10' 3")	3125 (10' 3")
Ground clearance of counterweight	F			1180 (3' 10")	1180 (3' 10")	1180 (3' 10")	1180 (3' 10")
Overall height of engine hood	G			2600 (8' 6")	2600 (8' 6")	2600 (8' 6")	2600 (8' 6")
Overall height of guardrail	G'			3330 (10' 11")	3330 (10' 11")	3330 (10' 11")	3330 (10' 11")
Minimum ground clearance	H			500 (1' 8")	500 (1' 8")	500 (1' 8")	500 (1' 8")
Rear-end distance	I			3265 (10' 9")	3265 (10' 9")	3265 (10' 9")	3265 (10' 9")
Rear-end swing radius	I'			3345 (11' 0")	3345 (11' 0")	3345 (11' 0")	3345 (11' 0")
Distance between tumblers	J			4040 (13' 3")	4040 (13' 3")	4040 (13' 3")	4040 (13' 3")
Undercarriage length	K			4940 (16' 2")	4940 (16' 2")	4940 (16' 2")	4940 (16' 2")
Undercarriage width	L			3200 (10' 6")	3200 (10' 6")	3200 (10' 6")	3200 (10' 6")
Track gauge	M			2600 (8' 6")	2600 (8' 6")	2600 (8' 6")	2600 (8' 6")
Track shoe width, standard	N			600 (24")	600 (24")	600 (24")	600 (24")
Travel speed (low/high)		km/hr (mph)		3.3(2.05) / 5.94(3.69)	3.3(2.05) / 5.94(3.69)	3.3(2.05) / 5.94(3.69)	3.3(2.05) / 5.94(3.69)
Swing speed		rpm		11.56	11.56	11.56	11.56
Gradeability		Degree (%)		35 (70)	35 (70)	35 (70)	35 (70)
Ground pressure		kgf/cm^2 (psi)		0.58 (8.21)	0.57 (8.15)	0.57 (8.17)	0.58 (8.24)
Max traction force		kg (lb)		27405 (60417)	27405 (60417)	27405 (60417)	27405 (60417)

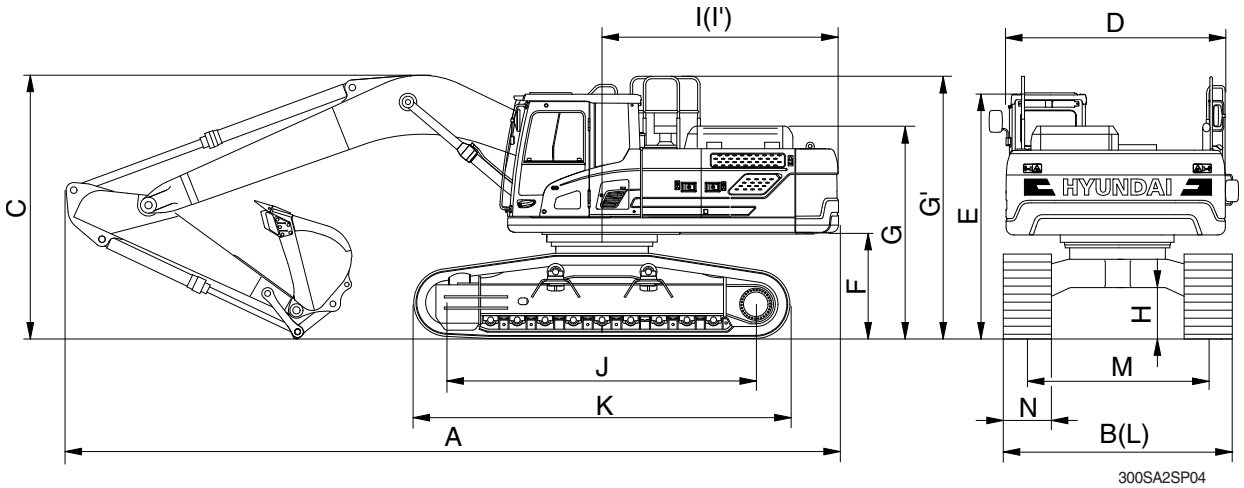
2) HX300LT3 LR



300A2SP03

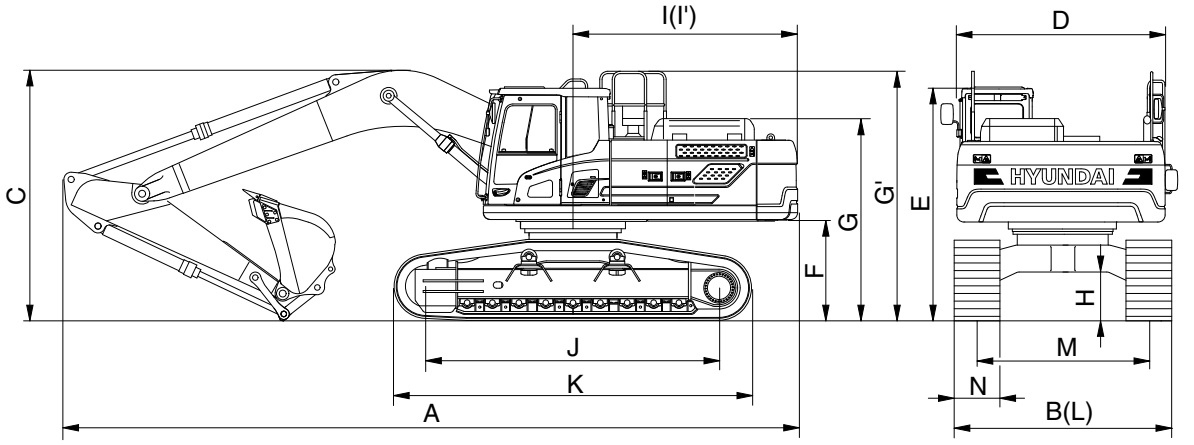
Description		Unit		Specification
		m (ft-in)	Boom	10.2 (33' 6")
			Arm	7.85 (25' 9")
		mm (in)	Shoe	800 (32")
Operating weight		kg (lb)		33130 (73040)
Bucket capacity (SAE heaped), standard		m^3 (yd^3)		0.52 0.68
Overall length	A	mm (ft-in)		14745 (48' 5")
Overall width	B			3400 (11' 2")
Overall height of boom	C			3560 (11' 8")
Superstructure width	D			2980 (9' 9")
Overall height of cab	E			3125 (10' 3")
Ground clearance of counterweight	F			1180 (3' 10")
Overall height of engine hood	G			2600 (8' 6")
Overall height of guardrail	G'			3330 (10' 11")
Minimum ground clearance	H			505 (1' 8")
Rear-end distance	I			3265 (10' 9")
Rear-end swing radius	I'			3345 (11' 0")
Distance between tumblers	J			4040 (13' 3")
Undercarriage length	K			4940 (16' 2")
Undercarriage width	L			3400 (11' 2")
Track gauge	M			2600 (8' 6")
Track shoe width, standard	N			800 (32")
Travel speed (low/high)		km/hr (mph)		3.3 (2.05) / 5.94 (3.69)
Swing speed		rpm		11.56
Gradeability		Degree (%)		35 (70)
Ground pressure		kgf/cm^2 (psi)		0.48 (6.80)
Max traction force		kg (lb)		27405 (60417)

3) HX300LT3 HW (1/2)



Description		Unit		Specification			
		m (ft-in)	Boom	6.245 (20' 6")			
			Arm	3.10 (10' 2")	2.10 (6' 11")	2.50 (8' 2")	3.75 (12' 4")
		mm (in)	Shoe	600 (24")			
Operating weight		kg (lb)		32890 (72510)	32690 (72070)	32770 (72250)	33020 (72800)
Bucket capacity (SAE heaped), standard		m^3 (yd^3)		1.27 (1.66)	1.27 (1.66)	1.27 (1.66)	1.27 (1.66)
Overall length	A	mm (ft-in)		10410 (34' 2")	10680 (35' 0")	10595 (34' 9")	10510 (34' 6")
Overall width	B			3470 (11' 5")	3470 (11' 5")	3470 (11' 5")	3470 (11' 5")
Overall height of boom	C			3385 (11' 1")	3715 (12' 2")	3590 (11' 9")	3520 (11' 7")
Superstructure width	D			2980 (9' 9")	2980 (9' 9")	2980 (9' 9")	2980 (9' 9")
Overall height of cab	E			3435 (11' 3")	3435 (11' 3")	3435 (11' 3")	3435 (11' 3")
Ground clearance of counterweight	F			1490 (4' 11")	1490 (4' 11")	1490 (4' 11")	1490 (4' 11")
Overall height of engine hood	G			2910 (9' 7")	2910 (9' 7")	2910 (9' 7")	2910 (9' 7")
Overall height of guardrail	G'			3650 (12' 0")	3650 (12' 0")	3650 (12' 0")	3650 (12' 0")
Minimum ground clearance	H			765 (2' 6")	765 (2' 6")	765 (2' 6")	765 (2' 6")
Rear-end distance	I			3265 (10' 9")	3265 (10' 9")	3265 (10' 9")	3265 (10' 9")
Rear-end swing radius	I'			3345 (11' 0")	3345 (11' 0")	3345 (11' 0")	3345 (11' 0")
Distance between tumblers	J			4030 (13' 3")	4030 (13' 3")	4030 (13' 3")	4030 (13' 3")
Undercarriage length	K			4885 (16' 0")	4885 (16' 0")	4885 (16' 0")	4885 (16' 0")
Undercarriage width	L			3470 (11' 5")	3470 (11' 5")	3470 (11' 5")	3470 (11' 5")
Track gauge	M			2870 (9' 5")	2870 (9' 5")	2870 (9' 5")	2870 (9' 5")
Track shoe width, standard	N			600 (24")	600 (24")	600 (24")	600 (24")
Travel speed (low/high)		km/hr (mph)		3.3(2.05) / 5.94(3.69)	3.3(2.05) / 5.94(3.69)	3.3(2.05) / 5.94(3.69)	3.3(2.05) / 5.94(3.69)
Swing speed		rpm		11.56	11.56	11.56	11.56
Gradeability		Degree (%)		35 (70)	35 (70)	35 (70)	35 (70)
Ground pressure		kgf/cm^2 (psi)		0.63 (9.00)	0.63 (8.95)	0.63 (8.97)	0.64 (9.04)
Max traction force		kg (lb)		27405 (60417)	27405 (60417)	27405 (60417)	27405 (60417)

HX300LT3 HW (2/2)

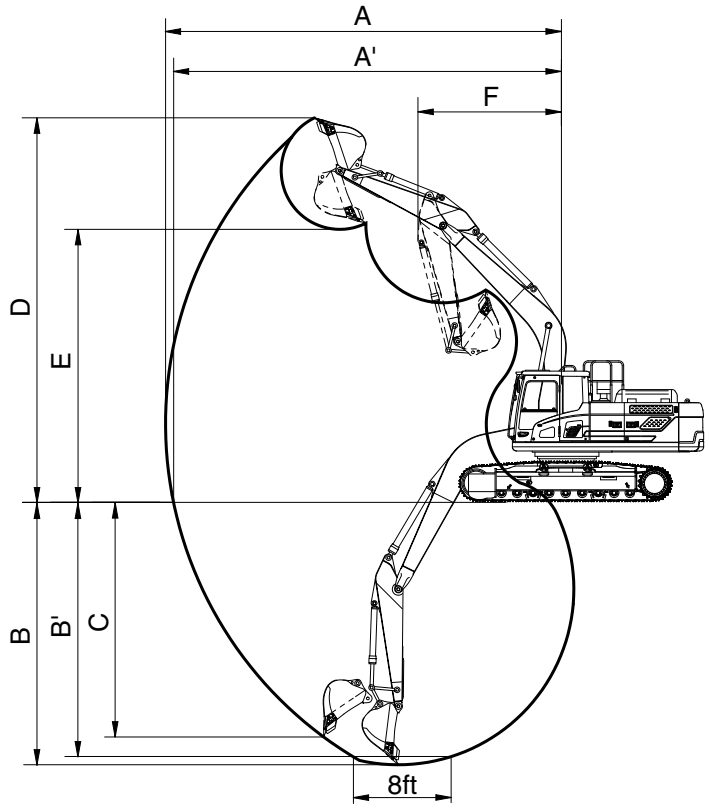


300SA2SP04

Description		Unit		Specification
		m (ft-in)	Boom	6.245 (20' 6")
			Arm	3.10 (10' 2")
		mm (in)	Shoe	700 (28")
Operating weight		kg (lb)		33450 (73740)
Bucket capacity (SAE heaped), standard		m^3 (yd^3)		1.27 1.66
Overall length	A	mm (ft-in)		10410 (34' 2")
Overall width	B			3570 (11' 9")
Overall height of boom	C			3385 (11' 1")
Superstructure width	D			2980 (9' 9")
Overall height of cab	E			3435 (11' 3")
Ground clearance of counterweight	F			1490 (4' 11")
Overall height of engine hood	G			2910 (9' 7")
Overall height of guardrail	G'			3650 (12' 0")
Minimum ground clearance	H			765 (2' 6")
Rear-end distance	I			3265 (10' 9")
Rear-end swing radius	I'			3345 (11' 0")
Distance between tumblers	J			4030 (13' 3")
Undercarriage length	K			4885 (16' 0")
Undercarriage width	L			3570 (11' 9")
Track gauge	M			2870 (9' 5")
Track shoe width, standard	N			700 (28")
Travel speed (low/high)		km/hr (mph)		3.3 (2.05) / 5.94 (3.69)
Swing speed		rpm		11.56
Gradeability		Degree (%)		35 (70)
Ground pressure		kgf/cm^2 (psi)		0.55 (7.83)
Max traction force		kg (lb)		27405 (60417)

3. WORKING RANGE AND DIGGING FORCE

1) HX300LT3, MONO BOOM

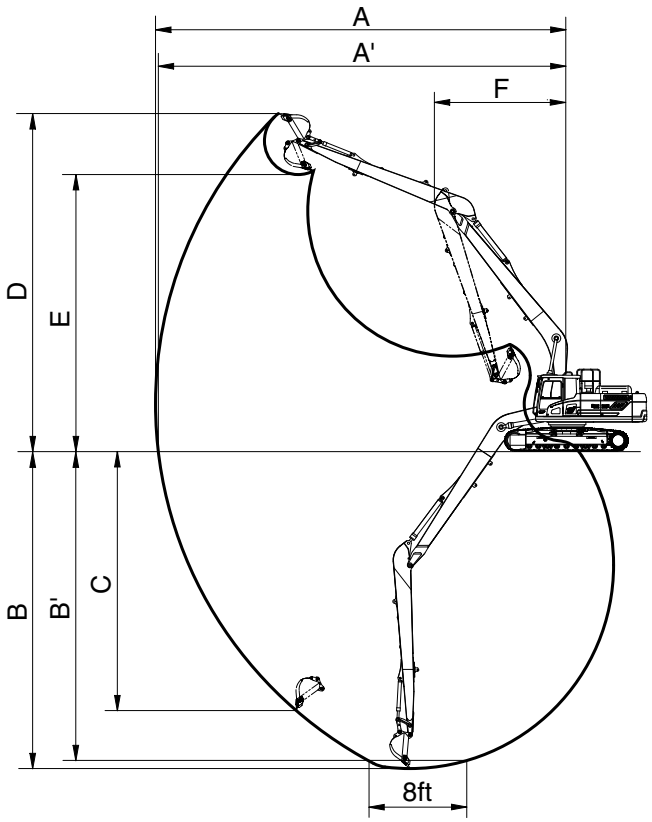


300SA2SP10

Description	m (ft-in)	Boom	6.245 (20' 6")			
		Arm	3.10 (10' 2")	2.10 (6' 11")	2.50 (8' 2")	3.75 (12' 4")
Max digging reach	mm (ft-in)	A	10815 (35' 6")	9945 (32' 8")	10255 (33' 8")	11345 (37' 3")
Max digging reach on ground		A'	10610 (34' 10")	9720 (31' 11")	10035 (32' 11")	11145 (36' 7")
Max digging depth		B	7225 (23' 8")	6225 (20' 5")	6625 (21' 9")	7880 (25' 10")
Max digging depth (8 ft level)		B'	7045 (23' 1")	6000 (19' 8")	6410 (21' 0")	7705 (25' 3")
Max vertical wall digging depth		C	6725 (22' 1")	5715 (18' 9")	6135 (20' 2")	7305 (24' 0")
Max digging height		D	10405 (34' 2")	10080 (33' 1")	10100 (33' 2")	10485 (34' 5")
Max dumping height		E	7335 (24' 1")	6975 (22' 11")	7040 (23' 1")	7450 (24' 5")
Min swing radius		F	4095 (13' 5")	4185 (13' 9")	3780 (12' 5")	4150 (13' 7")
Bucket digging force	kN	SAE	163.5 [177.5]	163.5 [177.5]	163.5 [177.5]	163.6 [177.6]
	kgf		16670 [18100]	16670 [18100]	16670 [18100]	16680 [18110]
	lbf		36750 [39900]	36750 [39900]	36750 [39900]	36770 [39930]
	kN	ISO	189.9 [206.1]	189.9 [206.1]	189.9 [206.1]	190.0 [206.2]
	kgf		19360 [21020]	19360 [21020]	19360 [21020]	19370 [21030]
	lbf		42680 [46340]	42680 [46340]	42680 [46340]	42700 [46360]
Arm digging force	kN	SAE	125.0 [135.7]	176.0 [191.1]	151.0 [164.0]	111.5 [121.0]
	kgf		12750 [13840]	17950 [19490]	15400 [16720]	11370 [12340]
	lbf		28110 [30510]	39570 [42970]	33950 [36860]	25070 [27210]
	kN	ISO	130.3 [141.5]	185.9 [201.9]	158.5 [172.1]	115.6 [125.5]
	kgf		13290 [14430]	18960 [20590]	16160 [17550]	11790 [12800]
	lbf		29300 [31810]	41800 [45390]	35630 [38690]	25990 [28220]

[ ] : Power boost

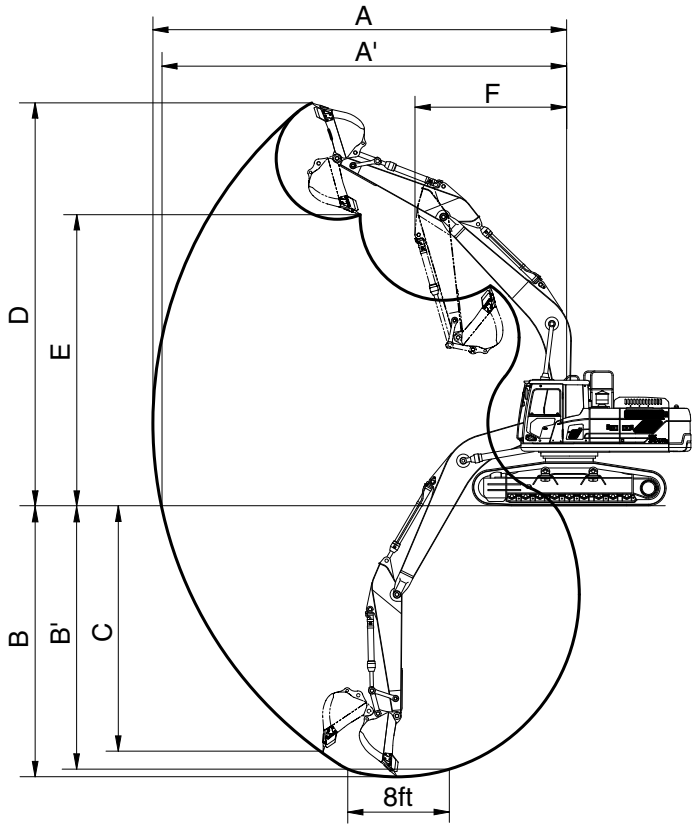
2) HX300LT3, LR



300SA2SP12

Description	m (ft-in)	Boom	10.2 (33' 6")
		Arm	7.85 (25' 9")
Max digging reach	mm (ft-in)	A	18530 (60' 10")
Max digging reach on ground		A'	18410 (60' 5")
Max digging depth		B	14740 (48' 4")
Max digging depth (8 ft level)		B'	14660 (48' 1")
Max vertical wall digging depth		C	13700 (44' 11")
Max digging height		D	14590 (47' 10")
Max dumping height		E	12270 (40' 3")
Min swing radius		F	6270 (20' 7")
Bucket digging force	kN	SAE	166.7
	kgf		17000
	lbf		37480
	kN	ISO	192.2
	kgf		19600
	lbf		43210
Arm digging force	kN	SAE	114.7
	kgf		11700
	lbf		25790
	kN	ISO	119.6
	kgf		12200
	lbf		26900

3) HX300LT3 HW



300A2SP13

Description	m (ft-in)	Boom	6.245 (20' 6")			
		Arm	3.10 (10' 2")	2.10 (6' 11")	2.50 (8' 2")	3.75 (12' 4")
Max digging reach	mm (ft-in)	A	10815 (35' 6")	9945 (32' 8")	10255 (33' 8")	11345 (37' 3")
Max digging reach on ground		A'	10535 (34' 7")	9635 (31' 7")	9955 (32' 8")	11075 (36' 4")
Max digging depth		B	6885 (22' 7")	5880 (19' 3")	6285 (20' 7")	7535 (24' 9")
Max digging depth (8 ft level)		B'	6705 (22' 0")	5660 (18' 7")	6070 (19' 11")	7360 (24' 2")
Max vertical wall digging depth		C	6385 (20' 11")	5370 (17' 7")	5795 (19' 0")	6965 (22' 10")
Max digging height		D	10745 (35' 3")	10420 (34' 2")	10440 (34' 3")	10825 (35' 6")
Max dumping height		E	7675 (25' 2")	7315 (24' 0")	7380 (24' 3")	7790 (25' 7")
Min swing radius		F	4095 (13' 5")	4185 (13' 9")	3780 (12' 5")	4150 (13' 7")
Bucket digging force	kN	SAE	163.5 [177.5]	163.5 [177.5]	163.5 [177.5]	163.6 [177.6]
	kgf		16670 [18100]	16670 [18100]	16670 [18100]	16680 [18110]
	lbf		36750 [39900]	36750 [39900]	36750 [39900]	36770 [39930]
	kN	ISO	189.9 [206.1]	189.9 [206.1]	189.9 [206.1]	190.0 [206.2]
	kgf		19360 [21020]	19360 [21020]	19360 [21020]	19370 [21030]
	lbf		42680 [46340]	42680 [46340]	42680 [46340]	42700 [46360]
Arm digging force	kN	SAE	125.0 [135.7]	176.0 [191.1]	151.0 [164.0]	111.5 [121.0]
	kgf		12750 [13840]	17950 [19490]	15400 [16720]	11370 [12340]
	lbf		28110 [30510]	39570 [42970]	33950 [36860]	25070 [27210]
	kN	ISO	130.3 [141.5]	185.9 [201.9]	158.5 [172.1]	115.6 [125.5]
	kgf		13290 [14430]	18960 [20590]	16160 [17550]	11790 [12800]
	lbf		29300 [31810]	41800 [45390]	35630 [38690]	25990 [28220]

[ ] : Power boost

4. WEIGHT

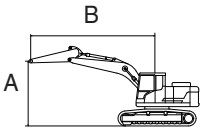
Item	HX300LT3		HX300LT3 LR		HX300LT3 HW	
	kg	lb	kg	lb	kg	lb
Upperstructure assembly	12,930	28,510	14,730	32,470	12,930	28,510
Main frame weld assembly	2,700	5,950	2,700	5,950	2,700	5,950
Engine assembly	552	1,217	552	1,217	552	1,217
Main pump assembly	201	440	201	440	201	440
Main control valve assembly	220	490	220	490	220	490
Swing motor assembly	408	900	408	900	408	900
Hydraulic oil tank WA	203	450	203	450	203	450
Fuel tank WA	236	520	236	520	236	520
Counterweight	5,200	11,460	7,000	15,430	5,200	11,460
Cab assembly	570	1,260	570	1,260	570	1,260
Lower chassis assembly	11,250	24,800	12,200	26,900	14,210	31,330
Track frame weld assembly	3,670	8,090	3,670	8,090	3,670	8,090
Swing bearing	433	950	433	950	433	950
Travel motor assembly	443	980	443	980	443	980
Turning joint	54	120	54	120	54	120
Sprocket (2EA)	141	310	141	310	141	310
Sprocket (only 700 mm double grouser shoe, 2EA)	141	310	141	310	141	310
Track recoil spring	450	990	450	990	450	990
Idler (2EA)	499	1,100	499	1,100	499	1,100
Upper roller (4EA)	139	310	139	310	226	500
Upper roller (only 700 mm double grouser shoe, 2EA)	139	310	-	-	227	500
Lower roller (18EA)	1,015	2,240	1,015	2,240	1,015	2,240
Lower roller (only 700 mm double grouser shoe, 18EA)	1,021	2,250	-	-	1,021	2,250
Track-chain assembly (600 mm triple grouser shoe) (2EA)	3,759	8,290	-	-	3,759	8,290
Track-chain assembly (700 mm triple grouser shoe) (2EA)	4,327	9,540	-	-	4,327	9,540
Track-chain assembly (700 mm double grouser shoe) (2EA)	5,237	11,550	-	-	5,237	11,550
Track-chain assembly (800 mm triple grouser shoe) (2EA)	4,706	10,380	4,706	10,380	4,706	10,380
Front attachment assembly	6,140	13,540	6,590	14,530	6,140	13,540
6.245 m boom assembly	2,400	5,291	2,400	5,291	2,400	5,291
3.10 m arm assembly	1,070	2,359	1,070	2,359	1,070	2,359
1.27 m^3 SAE heaped bucket	1,130	2,491	1,130	2,491	1,130	2,491
10.2 m boom assembly	3,150	6,944	3,150	6,944	3,150	6,944
7.85 m arm assembly	1,425	3,142	1,425	3,142	1,425	3,142
0.52 m^3 SAE heaped bucket	470	1,036	470	1,036	470	1,036
Boom cylinder assembly (2EA)	540	1,190	540	1,190	540	1,190
Arm cylinder assembly	360	793	360	793	360	793
Bucket cylinder assembly	220	485	140	308	220	485
Bucket control linkage total	280	617	130	287	280	617

5. LIFTING CAPACITIES

1) HX300LT3

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX300LT3	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		6245	3100	5200	600	-	-	-	-	-

· : Rating over-front · : Rating over-side or 360 degree



Lift-point height (A)		Lift-point radius (B)												At max. reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		9.0 m (29.5 ft)		Capacity		Reach
																m (ft)
7.5 m (24.6 ft)	kg													*5100	*5100	7.39
	lb													*11240	*11240	(24.3)
6.0 m (19.7 ft)	kg							*6460	*6460	*6340	5850			*4910	4890	8.31
	lb							*14240	*14240	*13980	12900			*10820	10780	(27.3)
4.5 m (14.8 ft)	kg					*9190	*9190	*7590	*7590	*6850	5690			*4930	4300	8.87
	lb					*20260	*20260	*16730	*16730	*15100	12540			*10870	9480	(29.1)
3.0 m (9.8 ft)	kg					*12250	11570	*9040	7600	*7600	5460	*6240	4110	*5110	3990	9.15
	lb					*27010	25510	*19930	16760	*16760	12040	*13760	9060	*11270	8800	(30.0)
1.5 m (4.9 ft)	kg					*14720	10800	*10420	7190	8350	5240	6340	4010	*5480	3890	9.18
	lb					*32450	23810	*22970	15850	18410	11550	13980	8840	*12080	8580	(30.1)
0.0 m (0.0 ft)	kg					*15870	10450	*11360	6920	8180	5080			*6120	3970	8.95
	lb					*34990	23040	*25040	15260	18030	11200			*13490	8750	(29.4)
-1.5 m (-4.9 ft)	kg	*7050	*7050	*10400	*10400	*15990	10380	11340	6810	8100	5010			6840	4280	8.45
	lb	*15540	*15540	*22930	*22930	*35250	22880	25000	15010	17860	11050			15080	9440	(27.7)
-3.0 m (-9.8 ft)	kg	*12200	*12200	*16800	*16800	*15240	10480	*11370	6850	8160	5070			7980	4970	7.62
	lb	*26900	*26900	*37040	*37040	*33600	23100	*25070	15100	17990	11180			17590	10960	(25.0)
-4.5 m (-14.8 ft)	kg			*18600	*18600	*13310	10760	*9770	7070					*9020	6590	6.33
	lb			*41010	*41010	*29340	23720	*21540	15590					*19890	14530	(20.8)

Note 1. Lifting capacity are based on ISO 10567.

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

4. *Indicates load limited by hydraulic capacity.

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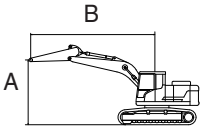
Make adjustments to the rated load as necessory for non-standard configurations.

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX300LT3	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		6245	2100	5200	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					*7600	*7600			*7720	*7720	6.27
	lb					*16760	*16760			*17020	*17020	(20.6)
6.0 m (19.7 ft)	kg					*7840	*7840			*7680	5960	7.33
	lb					*17280	*17280			*16930	13140	(24.0)
4.5 m (14.8 ft)	kg					*8890	7900	*7890	5640	*7810	5120	7.96
	lb					*19600	17420	*17390	12430	*17220	11290	(26.1)
3.0 m (9.8 ft)	kg					*10230	7500	*8480	5470	7370	4720	8.28
	lb					*22550	16530	*18700	12060	16250	10410	(27.2)
1.5 m (4.9 ft)	kg					*11340	7200	8400	5300	7230	4600	8.31
	lb					*25000	15870	18520	11680	15940	10140	(27.3)
0.0 m (0.0 ft)	kg					11570	7040	8300	5210	7500	4740	8.06
	lb					25510	15520	18300	11490	16530	10450	(26.4)
-1.5 m (-4.9 ft)	kg			*15680	10690	11550	7020			8340	5240	7.49
	lb			*34570	23570	25460	15480			18390	11550	(24.6)
-3.0 m (-9.8 ft)	kg	*18840	*18840	*14240	10880	*10750	7160			*9550	6410	6.54
	lb	*41540	*41540	*31390	23990	*23700	15790			*21050	14130	(21.4)
-4.5 m (-14.8 ft)	kg			*10850	*10850					*9590	*9590	4.96
	lb			*23920	*23920					*21140	*21140	(16.3)

Note 1. Lifting capacity are based on ISO 10567.
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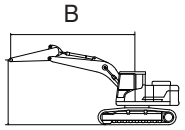
Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX300LT3	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		6245	2500	5200	600	-	-	-	-	-

· : 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					*6850	*6850			*7060	7020	6.68
	lb					*15100	*15100			*15560	15480	(21.9)
6.0 m (19.7 ft)	kg					*7240	*7240	*7060	5740	*7090	5510	7.68
	lb					*15960	*15960	*15560	12650	*15630	12150	(25.2)
4.5 m (14.8 ft)	kg			*10470	*10470	*8320	7910	*7410	5610	*7260	4770	8.29
	lb			*23080	*23080	*18340	17440	*16340	12370	*16010	10520	(27.2)
3.0 m (9.8 ft)	kg			*13530	11230	*9700	7470	*8070	5410	6910	4400	8.59
	lb			*29830	24760	*21380	16470	*17790	11930	15230	9700	(28.2)
1.5 m (4.9 ft)	kg					*10920	7120	8330	5220	6770	4280	8.62
	lb					*24070	15700	18360	11510	14930	9440	(28.3)
0.0 m (0.0 ft)	kg			*16100	10440	11450	6910	8190	5100	6990	4390	8.38
	lb			*35490	23020	25240	15230	18060	11240	15410	9680	(27.5)
-1.5 m (-4.9 ft)	kg	*10830	*10830	*15790	10460	11390	6860	8170	5080	7680	4800	7.84
	lb	*23880	*23880	*34810	23060	25110	15120	18010	11200	16930	10580	(25.7)
-3.0 m (-9.8 ft)	kg	*20070	*20070	*14630	10620	*11020	6960			*9180	5760	6.93
	lb	*44250	*44250	*32250	23410	*24290	15340			*20240	12700	(22.7)
-4.5 m (-14.8 ft)	kg	*16260	*16260	*11980	11000					*9570	8290	5.47
	lb	*35850	*35850	*26410	24250					*21100	18280	(17.9)

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4. *Indicates load limited by hydraulic capacity.

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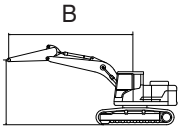
Make adjustments to the rated load as necessory for non-standard configurations.

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX300LT3	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		6245	3750	5200	600	-	-	-	-	-

· : Rating over-front · : Rating over-side or 360 degree



Lift-point height (A)		Lift-point radius (B)												At max. reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		9.0 m (29.5 ft)		Capacity		Reach
9.0 m (29.5 ft)	kg													*4560	*4560	6.76
	lb													*10050	*10050	(22.2)
7.5 m (24.6 ft)	kg									*5430	*5430			*4210	*4210	8.04
	lb									*11970	*11970			*9280	*9280	(26.4)
6.0 m (19.7 ft)	kg									*5590	*5590			*4090	*4090	8.89
	lb									*12320	*12320			*9020	*9020	(29.2)
4.5 m (14.8 ft)	kg							*6690	*6690	*6170	5740	*5660	4230	*4130	3900	9.42
	lb							*14750	*14750	*13600	12650	*12480	9330	*9110	8600	(30.9)
3.0 m (9.8 ft)	kg					*10750	*10750	*8190	7690	*6990	5480	*6380	4100	*4290	3620	9.68
	lb					*23700	*23700	*18060	16950	*15410	12080	*14070	9040	*9460	7980	(31.8)
1.5 m (4.9 ft)	kg					*13550	10930	*9700	7220	*7850	5220	6310	3970	*4600	3520	9.71
	lb					*29870	24100	*21380	15920	*17310	11510	13910	8750	*10140	7760	(31.9)
0.0 m (0.0 ft)	kg			*6600	*6600	*15230	10400	*10860	6880	8120	5020	6190	3860	*5120	3570	9.50
	lb			*14550	*14550	*33580	22930	*23940	15170	17900	11070	13650	8510	*11290	7870	(31.2)
-1.5 m (-4.9 ft)	kg	*6790	*6790	*10200	*10200	*15840	10210	11230	6700	7990	4900	6140	3810	*5990	3800	9.03
	lb	*14970	*14970	*22490	*22490	*34920	22510	24760	14770	17610	10800	13540	8400	*13210	8380	(29.6)
-3.0 m (-9.8 ft)	kg	*10680	*10680	*14930	*14930	*15540	10230	11200	6670	7980	4890			6980	4320	8.25
	lb	*23550	*23550	*32910	*32910	*34260	22550	24690	14700	17590	10780			15390	9520	(27.1)
-4.5 m (-14.8 ft)	kg	*15430	*15430	*20490	*20490	*14220	10430	*10560	6800					*8510	5440	7.08
	lb	*34020	*34020	*45170	*45170	*31350	22990	*23280	14990					*18760	11990	(23.2)
-6.0 m (-19.7 ft)	kg					*11010	10900							*9190	8720	5.23
	lb					*24270	24030							*20260	19220	(17.2)

Note 1. Lifting capacity are based on ISO 10567.

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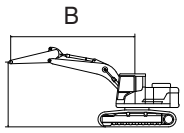
Make adjustments to the rated load as necessory for non-standard configurations.

2) HX300LT3 LR

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX300LT3 LR	LONG REACH	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		10200	7850	7000	800	-	-	-	-	-

· : Rating over-front · : Rating over-side or 360 degree



Lift-point height (A)		Lift-point radius (B)																				At max. reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		9.0 m (29.5 ft)		10.5 m (34.4 ft)		12.0 m (39.4 ft)		13.5 m (44.3 ft)		15.0 m (49.2 ft)		Capacity		Reach
12.0 m	kg																					*1370	*1370	12.98
39.4 ft	lb																					*3020	*3020	(42.6)
10.5 m	kg																	*1880	*1880			*1310	*1310	14.01
34.4 ft	lb																	*4140	*4140			*2890	*2890	(46.0)
9.0 m	kg																	*2490	*2490			*1290	*1290	14.82
29.5 ft	lb																	*5490	*5490			*2840	*2840	(48.6)
7.5 m	kg															*2590	*2590	*2580	*2580	*1850	*1850	*1280	*1280	15.44
24.6 ft	lb															*5710	*5710	*5690	*5690	*4080	*4080	*2820	*2820	(50.6)
6.0 m	kg															*2790	*2790	*2710	*2710	*2360	2240	*1290	*1290	15.89
19.7 ft	lb															*6150	*6150	*5970	*5970	*5200	4940	*2840	*2840	(52.1)
4.5 m	kg											*3570	*3570	*3250	*3250	*3030	*3030	*2880	2660	*2760	2170	*1320	*1320	16.19
14.8 ft	lb											*7870	*7870	*7170	*7170	*6680	*6680	*6350	5860	*6080	4780	*2910	*2910	(53.1)
3.0 m	kg					*9010	*9010	*6230	*6230	*4890	*4890	*4120	*4120	*3630	*3630	*3300	3100	*3080	2540	*2930	2090	*1360	*1360	16.34
9.8 ft	lb					*19860	*19860	*13730	*13730	*10780	*10780	*9080	*9080	*8000	*8000	*7280	6830	*6790	5600	*6460	4610	*3000	*3000	(53.6)
1.5 m	kg					*4800	*4800	*7530	*7530	*5710	5680	*4680	4450	*4030	3580	*3590	2920	*3290	2410	*3080	2000	*1420	*1420	16.36
4.9 ft	lb					*10580	*10580	*16600	*16600	*12590	12520	*10320	9810	*8880	7890	*7910	6440	*7250	5310	*6790	4410	*3130	*3130	(53.7)
0.0 m	kg			*2020	*2020	*4310	*4310	*8530	6890	*6420	5220	*5180	4130	*4400	3350	*3860	2760	*3490	2300	3220	1930	*1510	*1510	16.23
0.0 ft	lb			*4450	*4450	*9500	*9500	*18810	15190	*14150	11510	*11420	9110	*9700	7390	*8510	6080	*7690	5070	7100	4250	*3330	*3330	(53.3)
-1.5 m	kg	*2600	*2600	*3070	*3070	*4800	*4800	*8490	6510	*6970	4910	*5610	3890	*4720	3170	*4110	2630	*3670	2200	3160	1870	*1630	*1630	15.97
-4.9 ft	lb	*5730	*5730	*6770	*6770	*10580	*10580	*18720	14350	*15370	10820	*12370	8580	*10410	6990	*9060	5800	*8090	4850	6970	4120	*3590	*3590	(52.4)
-3.0 m	kg	*3540	*3540	*4110	*4110	*5660	*5660	*8830	6330	*7340	4720	*5920	3720	*4980	3040	4250	2530	3610	2140	*3040	1830	*1790	1740	15.55
-9.8 ft	lb	*7800	*7800	*9060	*9060	*12480	*12480	*19470	13960	*16180	10410	*13050	8200	*10980	6700	9370	5580	7960	4720	*6700	4030	*3950	3840	(51.0)
-4.5 m	kg	*4520	*4520	*5200	*5200	*6740	*6740	*9680	6280	*7540	4630	*6120	3630	5010	2960	4190	2470	3570	2100			*2010	1830	14.96
-14.8 ft	lb	*9960	*9960	*11460	*11460	*14860	*14860	*21340	13850	*16620	10210	*13490	8000	11050	6530	9240	5450	7870	4630			*4430	4030	(49.1)
-6.0 m	kg	*5560	*5560	*6390	*6390	*8040	*8040	*9610	6320	*7570	4620	6160	3610	4990	2940	4170	2460	3580	2110			*2330	1990	14.20
-19.7 ft	lb	*12260	*12260	*14090	*14090	*17730	*17730	*21190	13930	*16690	10190	13580	7960	11000	6480	9190	5420	7890	4650			*5140	4390	(46.6)
-7.5 m	kg	*6680	*6680	*7700	*7700	*9600	*9600	*9330	6450	*7430	4690	*6110	3650	5030	2980	4220	2500					*2810	2230	13.22
-24.6 ft	lb	*14730	*14730	*16980	*16980	*21160	*21160	*20570	14220	*16380	10340	*13470	8050	11090	6570	9300	5510					*6190	4920	(43.4)
-9.0 m	kg	*7930	*7930	*9220	*9220	*11450	10340	*8790	6650	*7060	4830	*5830	3770	*4880	3080							*3640	2640	11.97
-29.5 ft	lb	*17480	*17480	*20330	*20330	*25240	22800	*19380	14660	*15560	10650	*12850	8310	*10760	6790							*8020	5820	(39.3)
-10.5 m	kg			*11030	*11030	*10130	*10130	*7880	6960	*6370	5070	*5220	3970									*4310	3350	10.34
-34.4 ft	lb			*24320	*24320	*22330	*22330	*17370	15340	*14040	11180	*11510	8750									*9500	7390	(33.9)
-12.0 m	kg					*8090	*8090	*6360	*6360	*5060	*5060											*4550	*4550	8.13
-39.4 ft	lb					*17840	*17840	*14020	*14020	*11160	*11160											*10030	*10030	(26.7)

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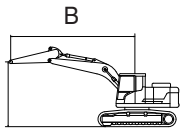
3) HX300LT3 HW

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX300LT3 HW	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		6245	2100	5200	600	-	-	-	-	-

· : Rating over-front · : Rating over-side or 360 degree



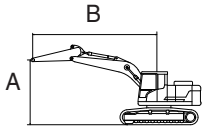
Lift-point height (A)		Lift-point radius (B)								At max. reach		
		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach
												m (ft)
7.5 m (24.6 ft)	kg					*7,540	*7,540			*7,690	*7,690	6.56
	lb					*16,620	*16,620			*16,950	*16,950	(21.5)
6.0 m (19.7 ft)	kg			*9,320	*9,320	*8,030	*8,030	*7,700	6,930	*7,700	6,920	7.50
	lb			*20,550	*20,550	*17,700	*17,700	*16,980	15,280	*16,980	15,260	(24.6)
4.5 m (14.8 ft)	kg					*9,190	*9,190	*8,010	6,810	*7,860	6,090	8.06
	lb					*20,260	*20,260	*17,660	15,010	*17,330	13,430	(26.4)
3.0 m (9.8 ft)	kg					*10,520	9,090	*8,620	6,630	7,650	5,710	8.31
	lb					*23,190	20,040	*19,000	14,620	16,870	12,590	(27.3)
1.5 m (4.9 ft)	kg					*11,520	8,810	8,760	6,470	7,600	5,660	8.28
	lb					*25,400	19,420	19,310	14,260	16,760	12,480	(27.1)
0.0 m (0.0 ft)	kg					*11,950	8,680	8,680	6,400	7,990	5,920	7.96
	lb					*26,350	19,140	19,140	14,110	17,610	13,050	(26.1)
-1.5 m (-4.9 ft)	kg			*15,450	13,390	*11,680	8,700			9,050	6,670	7.31
	lb			*34,060	29,520	*25,750	19,180			19,950	14,700	(24.0)
-3.0 m (-9.8 ft)	kg	*18,160	*18,160	*13,730	13,630	*10,230	8,890			*9,620	8,430	6.25
	lb	*40,040	*40,040	*30,270	30,050	*22,550	19,600			*21,210	18,580	(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 necessory for non-standard configurations.

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX300LT3 HW	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		6245	2500	5200	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					*6,860	*6,860			*7,050	*7,050	6.95
	lb					*15,120	*15,120			*15,540	*15,540	(22.8)
6.0 m (19.7 ft)	kg					*7,440	*7,440	*7,090	6,940	*7,120	6,430	7.85
	lb					*16,400	*16,400	*15,630	15,300	*15,700	14,180	(25.7)
4.5 m (14.8 ft)	kg			*11,160	*11,160	*8,630	*8,630	*7,550	6,780	*7,310	5,690	8.38
	lb			*24,600	*24,600	*19,030	*19,030	*16,640	14,950	*16,120	12,540	(27.5)
3.0 m (9.8 ft)	kg					*10,010	9,050	*8,230	6,570	7,170	5,340	8.62
	lb					*22,070	19,950	*18,140	14,480	15,810	11,770	(28.3)
1.5 m (4.9 ft)	kg			*13,010	*13,010	*11,140	8,720	8,680	6,390	7,110	5,280	8.59
	lb			*28,680	*28,680	*24,560	19,220	19,140	14,090	15,670	11,640	(28.2)
0.0 m (0.0 ft)	kg			*16,100	13,100	*11,720	8,550	8,560	6,280	7,440	5,500	8.28
	lb			*35,490	28,880	*25,840	18,850	18,870	13,850	16,400	12,130	(27.2)
-1.5 m (-4.9 ft)	kg	*12,820	*12,820	*15,610	13,150	*11,660	8,530	8,580	6,290	8,320	6,120	7.67
	lb	*28,260	*28,260	*34,410	28,990	*25,710	18,810	18,920	13,870	18,340	13,490	(25.2)
-3.0 m (-9.8 ft)	kg	*19,430	*19,430	*14,210	13,360	*10,670	8,670			*9,290	7,540	6.66
	lb	*42,840	*42,840	*31,330	29,450	*23,520	19,110			*20,480	16,620	(21.8)
-4.5 m (-14.8 ft)	kg			*10,920	*10,920					*9,570	*9,570	5.01
	lb			*24,070	*24,070					*21,100	*21,100	(16.4)

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.
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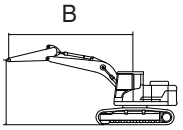
Consult your HD Hyundai Construction Equipment dealer regarding the lifting capacities for specific work tools and attachments.
Failure to comply to the rated load can cause possible personal injury or property damage.
Make adjustments to the rated load as necessory for non-standard configurations.

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX300LT3 HW	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		6245	3100	5200	600	-	-	-	-	-

· : Rating over-front · : Rating over-side or 360 degree



Lift-point height (A)		Lift-point radius (B)												At max. reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		9.0 m (29.5 ft)		Capacity		Reach
9.0 m (29.5 ft)	kg													*5,480	*5,480	6.35
	lb													*12,080	*12,080	(20.8)
7.5 m (24.6 ft)	kg									*5,690	*5,690			*5,040	*5,040	7.64
	lb									*12,540	*12,540			*11,110	*11,110	(25.1)
6.0 m (19.7 ft)	kg							*6,670	*6,670	*6,420	*6,420			*4,900	*4,900	8.46
	lb							*14,700	*14,700	*14,150	*14,150			*10,800	*10,800	(27.8)
4.5 m (14.8 ft)	kg					*9,860	*9,860	*7,900	*7,900	*7,000	6,850			*4,950	*4,950	8.96
	lb					*21,740	*21,740	*17,420	*17,420	*15,430	15,100			*10,910	*10,910	(29.4)
3.0 m (9.8 ft)	kg					*12,910	*12,910	*9,380	9,170	*7,780	6,610	*6,540	5,020	*5,180	4,870	9.18
	lb					*28,460	*28,460	*20,680	20,220	*17,150	14,570	*14,420	11,070	*11,420	10,740	(30.1)
1.5 m (4.9 ft)	kg					*15,090	13,360	*10,680	8,780	*8,530	6,400	6,630	4,920	*5,600	4,810	9.15
	lb					*33,270	29,450	*23,550	19,360	*18,810	14,110	14,620	10,850	*12,350	10,600	(30.0)
0.0 m (0.0 ft)	kg			*6,210	*6,210	*15,970	13,080	*11,500	8,550	8,540	6,250			*6,320	4,970	8.87
	lb			*13,690	*13,690	*35,210	28,840	*25,350	18,850	18,830	13,780			*13,930	10,960	(29.1)
-1.5 m (-4.9 ft)	kg	*8,220	*8,220	*11,710	*11,710	*15,900	13,050	*11,710	8,470	8,490	6,210			7,370	5,430	8.30
	lb	*18,120	*18,120	*25,820	*25,820	*35,050	28,770	*25,820	18,670	18,720	13,690			16,250	11,970	(27.2)
-3.0 m (-9.8 ft)	kg	*13,460	*13,460	*18,580	*18,580	*14,930	13,190	*11,160	8,540					*8,620	6,450	7.38
	lb	*29,670	*29,670	*40,960	*40,960	*32,910	29,080	*24,600	18,830					*19,000	14,220	(24.2)
-4.5 m (-14.8 ft)	kg			*17,550	*17,550	*12,590	*12,590							*9,120	8,960	5.94
	lb			*38,690	*38,690	*27,760	*27,760							*20,110	19,750	(19.5)

Note 1. Lifting capacity are based on ISO 10567.

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3. The Lift-point is bucket pivot mounting pin on the arm (without bucket mass).
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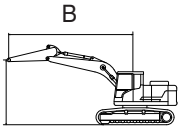
Make adjustments to the rated load as necessory for non-standard configurations.

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
HX300LT3 HW	MONO BOOM	Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
		6245	3750	5200	600	-	-	-	-	-

· : Rating over-front · : Rating over-side or 360 degree



Lift-point height (A)		Lift-point radius (B)												At max. reach		
		1.5 m (4.9 ft)		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		9.0 m (29.5 ft)		Capacity		Reach
																m (ft)
9.0 m (29.5 ft)	kg													*4,450	*4,450	7.10
	lb													*9,810	*9,810	(23.3)
7.5 m (24.6 ft)	kg									*5,420	*5,420			*4,170	*4,170	8.27
	lb									*11,950	*11,950			*9,190	*9,190	(27.1)
6.0 m (19.7 ft)	kg									*5,690	*5,690	*4,240	*4,240	*4,090	*4,090	9.03
	lb									*12,540	*12,540	*9,350	*9,350	*9,020	*9,020	(29.6)
4.5 m (14.8 ft)	kg							*7,010	*7,010	*6,340	*6,340	*5,970	5,150	*4,150	*4,150	9.50
	lb							*15,450	*15,450	*13,980	*13,980	*13,160	11,350	*9,150	*9,150	(31.2)
3.0 m (9.8 ft)	kg					*11,450	*11,450	*8,550	*8,550	*7,190	6,630	*6,480	5,010	*4,350	*4,350	9.71
	lb					*25,240	*25,240	*18,850	*18,850	*15,850	14,620	*14,290	11,050	*9,590	*9,590	(31.9)
1.5 m (4.9 ft)	kg					*14,040	13,460	*10,000	8,800	*8,040	6,380	6,590	4,880	*4,700	4,370	9.68
	lb					*30,950	29,670	*22,050	19,400	*17,730	14,070	14,530	10,760	*10,360	9,630	(31.8)
0.0 m (0.0 ft)	kg			*7,330	*7,330	*15,460	13,000	*11,050	8,480	8,480	6,180	6,480	4,780	*5,280	4,490	9.41
	lb			*16,160	*16,160	*34,080	28,660	*24,360	18,700	18,700	13,620	14,290	10,540	*11,640	9,900	(30.9)
-1.5 m (-4.9 ft)	kg	*7,640	*7,640	*11,160	*11,160	*15,840	12,860	*11,540	8,340	8,370	6,090			*6,270	4,840	8.88
	lb	*16,840	*16,840	*24,600	*24,600	*34,920	28,350	*25,440	18,390	18,450	13,430			*13,820	10,670	(29.1)
-3.0 m (-9.8 ft)	kg	*11,650	*11,650	*16,240	*16,240	*15,340	12,920	*11,360	8,340	8,400	6,110			7,630	5,590	8.03
	lb	*25,680	*25,680	*35,800	*35,800	*33,820	28,480	*25,040	18,390	18,520	13,470			16,820	12,320	(26.3)
-4.5 m (-14.8 ft)	kg	*16,730	*16,730	*19,660	*19,660	*13,720	13,180	*10,140	8,530					*8,670	7,270	6.74
	lb	*36,880	*36,880	*43,340	*43,340	*30,250	29,060	*22,350	18,810					*19,110	16,030	(22.1)

Note 1. Lifting capacity are based on ISO 10567.

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

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6. BUCKET SELECTION GUIDE

1) BUCKET SELECTION

General bucket

Heavy duty
(without side cutter)

Rock heavy duty

Long reach

Type	Capacity		Width		Weight	Tooth	MONO				L/Reach
							Recommendation mm (ft-in)				
	SAE Heaped	CECE heaped	Without side cutter	With side cutter			6.245 m (20' 6") Boom				10.2 m (33' 6") Boom
	m^3 (yd^3)	m^3 (yd^3)	mm (in)	mm (in)	kg (lb)	EA	2.10 m (6' 11") Arm	2.50 m (8' 2") Arm	3.10 m (10' 2") Arm	3.75 m (12' 4") Arm	7.85 m (25' 9") Arm
General bucket	1.27 (1.66)	1.10 (1.44)	1280 (50.4")	1440 (56.7")	1090 (2400)	5	●	●	●	◐	X
	1.85 (2.42)	1.61 (2.11)	1590 (62.6")	1785 (70.3")	1325 (2920)	6	■	■	▲	▲	X
Heavy duty	1.23 (1.61)	1.10 (1.44)	1205 (47.4")	1260 (49.6")	1085 (2390)	5	●	●	●	◐	X
	1.47 (1.92)	1.32 (1.73)	1405 (55.3")	1460 (57.5")	1185 (2610)	5	●	◐	◐	■	X
Rock heavy duty	1.45 (1.90)	1.29 (1.69)	1380 (54.3")	1440 (56.7")	1505 (3320)	5	●	◐	■	X	X
	1.57 (2.05)	1.40 (1.83)	1480 (58.3")	1450 (60.6")	1565 (3450)	5	◐	◐	■	X	X
Long reach	0.52 (0.68)	0.45 (0.59)	870 (34.3")	1020 (40.2")	455 (1000)	5	X	X	X	X	◐

● Applicable for materials with density of 2100 kg/m^3 (3500 lb/yd^3) or less

◐ Applicable for materials with density of 1800 kg/m^3 (3000 lb/yd^3) or less

■ Applicable for materials with density of 1500 kg/m^3 (2500 lb/yd^3) or less

▲ Applicable for materials with density of 1200 kg/m^3 (2000 lb/yd^3) or less

X Not recommended

※ These recommendations are for general conditions and average use.
Work tools and ground conditions have effects on machine performance.
Select an optimum combination according to the working conditions and the type of work that is being done.
Consult 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						Double grouser	
	width	mm	(in)	600	(24)	700	(28)	800	(32)	700	(28)
HX300LT3	Operating weight	kg	(lb)	29980	(66090)	30540	(67330)	30910	(68140)	-	-
	Ground pressure	kgf/cm²	(psi)	0.58	8.21	0.5	7.17	0.45	6.35	-	-
	Overall width	mm	(ft-in)	3200	(10' 6")	3300	(10' 10")	3400	(11' 2")	-	-
	Link quantity	EA		48		48		48		-	
HX300LT3 LR	Operating weight	kg	(lb)	-	-	-	-	33130	(73040)	-	-
	Ground pressure	kgf/cm²	(psi)	-	-	-	-	0.48	6.80	-	-
	Overall width	mm	(ft-in)	-	-	-	-	3400	(11' 2")	-	-
	Link quantity	EA		-		-				-	
HX300LT3 HW	Operating weight	kg	(lb)	32890	(72510)	33450	(73740)	33830	(74580)	33450	(73740)
	Ground pressure	kgf/cm²	(psi)	0.63	9	0.55	7.85	0.49	6.95	0.55	7.83
	Overall width	mm	(ft-in)	3470	(11' 5")	3570	(11' 9")	3670	(12' 0")	3570	(11' 9")
	Link quantity	EA		48		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	B
700 mm double grouser	Option	B
800 mm triple grouser	Option	C

Table 2

Category	Applications	Precautions
A	Rocky ground, river beds, normal soil	· Travel at low speed on rough ground with large obstacles such as boulders or fallen trees or a wide range of general civil engineering work
B	Normal soil, soft ground	· These shoes cannot be used on rough ground with large obstacles such as boulders or fallen trees · Travel at high speed only on flat ground · Travel slowly at low speed if it is impossible to avoid going over obstacles
C	Extremely soft ground (swampy ground)	· Use the shoes only in the conditions that the machine sinks and it is impossible to use the shoes of category A or B · These shoes cannot be used on rough ground with large obstacles such as boulders or fallen trees · Travel at high speed only on flat ground · Travel slowly at low speed if it is impossible to avoid going over obstacles

8. SPECIFICATIONS FOR MAJOR COMPONENTS

1) ENGINE

Item	Specification
Maker / Model	HD Hyundai Construction Equipment / 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	220 Hp (164 kW) at 2000 rpm
Net power	215 Hp (160 kW) at 2000 rpm
Max. power	230 Hp (172 kW) at 1800 rpm
Peak Torque	949 N·m (702 lbf·ft) at 1400 rpm
Engine oil quantity	23.1 ℓ (6.1 U.S. gal)
Wet weight	552 kg (1217 lb)
Starter motor	24 V-4.8 kW
Alternator	Valeo 24 V-90 A

2) MAIN PUMP

Item	Specification
Type	Variable displacement tandem axis piston pumps
Capacity	2 × 154 cc/rev
Maximum pressure	350 kgf/cm^2 (4980 psi) [380 kgf/cm^2 (5400 psi)]
Rated oil flow	2 × 277 ℓ/min (73.2 U.S. gpm / 60.9 U.K. gpm)

[ ] : Power boost

3) GEAR PUMP

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

4) MAIN CONTROL VALVE

Item		Specification
Type		10 spools
Operating method		Hydraulic pilot system
Main relief valve pressure		350 kgf/cm^2 (4980 psi) [380 kgf/cm^2 (5400 psi)] *1 350 kgf/cm^2 (4980 psi) [Not applied power boost]
Port relief valve pressure	Boom	400 kgf/cm^2 (5690 psi)
	Arm	400 kgf/cm^2 (5690 psi), *1 250 kgf/cm^2 (3560 psi)
	Bucket	400 kgf/cm^2 (5690 psi), *1 270 kgf/cm^2 (3840 psi)

[ ] : Power boost *1 : Long reach only

5) SWING MOTOR

Item	Specification
Type	Axial piston motor
Capacity	156.9 cc/rev
Relief pressure	300 kgf/cm^2 (4270 psi)
Braking system	Automatic, spring applied hydraulic released
Braking torque	84.4 kgf · m (610 lbf · ft) over
Brake release pressure	36.6 kgf/cm^2 (519 psi) below
Reduction gear type	2 - stage planetary

6) TRAVEL MOTOR

Item	Specification
Type	Variable displacement axial piston motor
Capacity	282.6/156.9 cc/rev
Relief pressure	350 kgf/cm^2 (4980 psi)
Braking system	Automatic, spring applied hydraulic released
Braking torque	134 kgf · m (969 lbf · ft)
Brake release pressure	17 kgf/cm^2 (242 psi)
Reduction gear type	2-stage planetary

7) CYLINDER

Item		Specification
Boom cylinder	Bore dia × Stroke	Ø140 × 1465 mm
	Cushion	Extend only
Arm cylinder	Bore dia × Stroke	Ø150 × 1765 mm
	Cushion	Extend and retract
Bucket cylinder	Bore dia × Stroke	Ø135 × 1185 mm
	Cushion	Extend only
Bucket cylinder (Long reach)	Bore dia × Stroke	Ø100 × 870 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	23.1 (6.1)	★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	11.0 (2.91)	★SAE 75W-90
Final drive		7.8×2 (2.11×2)	SAE 80W-90
Hydraulic tank	Hydraulic oil	Tank : 190 (50.2) System : 330 (87)	★ISO VG 15 ISO VG 32 ISO VG 46 ISO VG 68
Fuel tank	Diesel fuel	500 (132)	★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★1	22.4 (5.9)	Ethylene glycol base permanent type (50 : 50) ★Ethylene glycol base permanent type (60 : 40)

SAE : Society of Automotive Engineers
API : American Petroleum Institute
ISO : International Organization for Standardization
NLGI : National Lubricating Grease Institute
ASTM : American Society of Testing and Material

★ : 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.

※ 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.