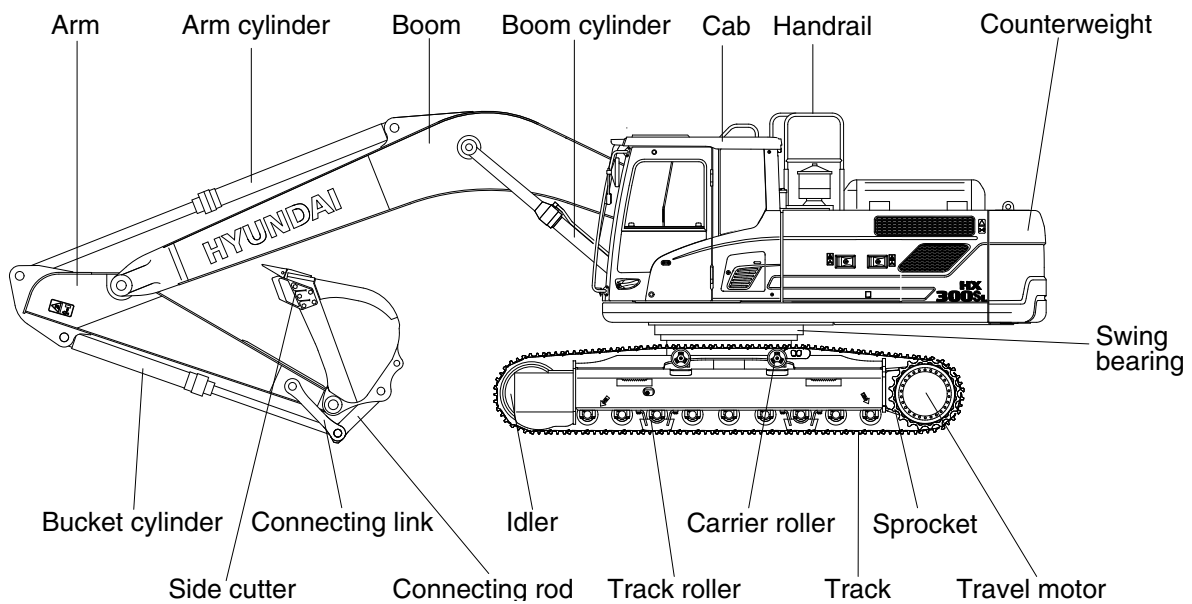
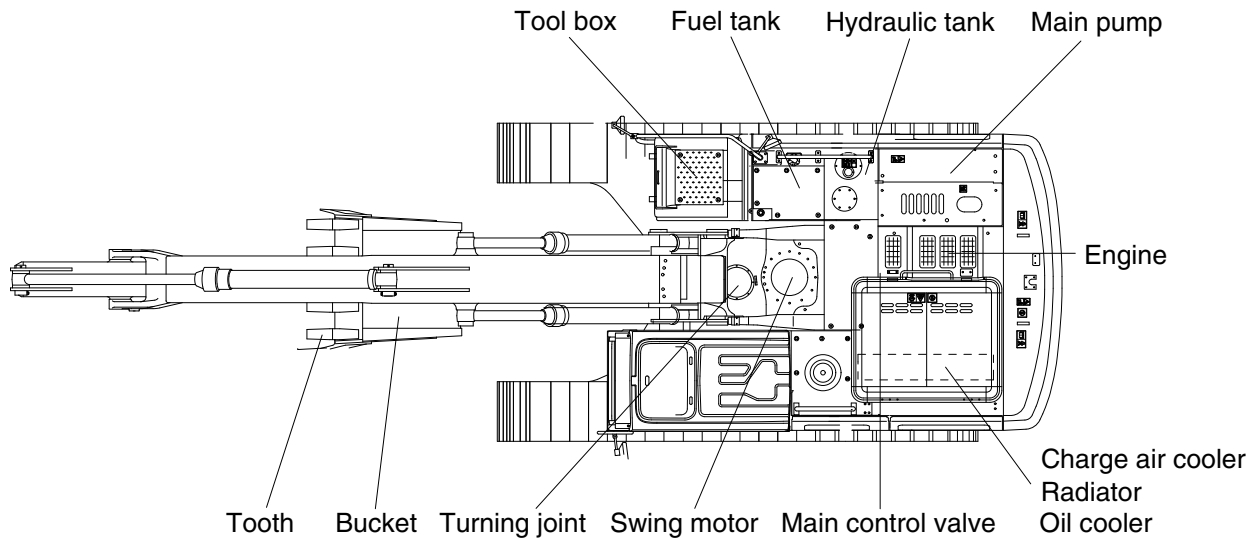


SPECIFICATIONS

1. MAJOR COMPONENT

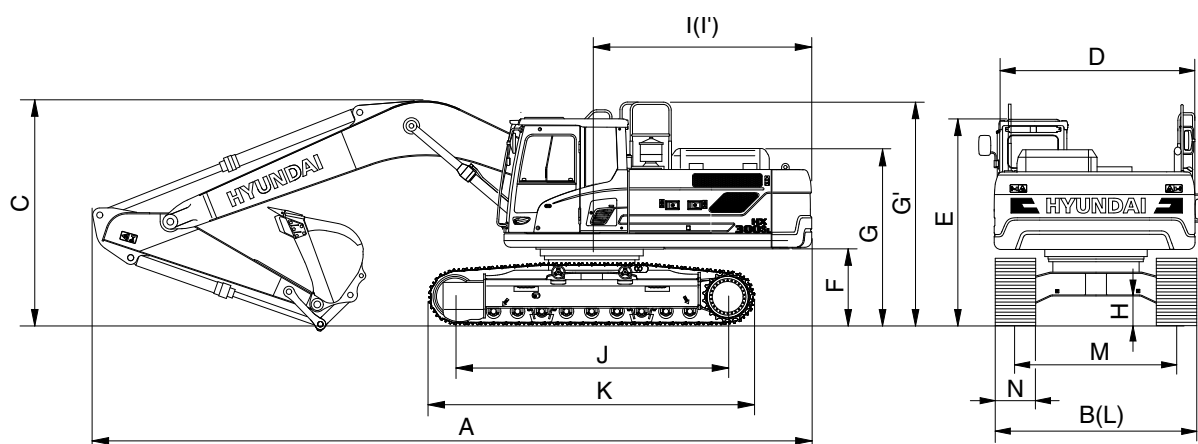


300S2SP01

2. SPECIFICATIONS

1) HX300S L

(1) 6.25 m (20' 6") boom and 3.05 m (10' 0") arm

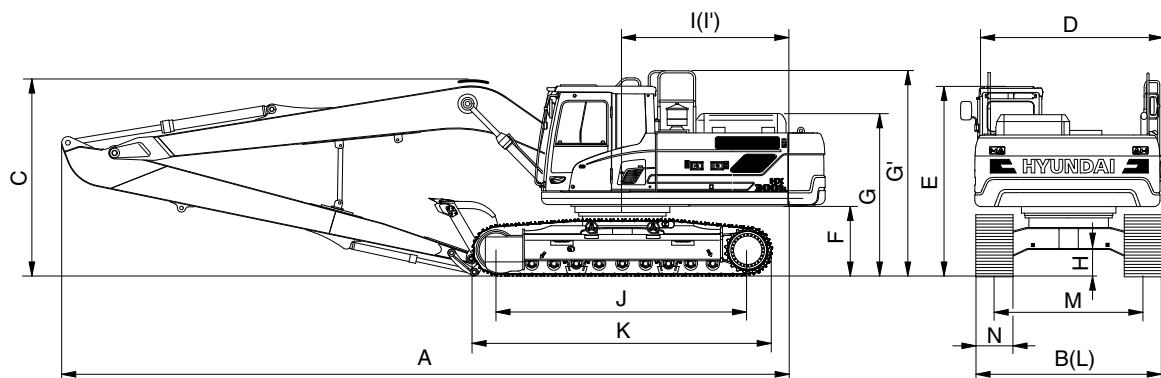


300S2SP02

Description		Unit	Specification
Operating weight		kg (lb)	30200 (66580)
Bucket capacity (SAE heaped), standard		m ³ (yd ³)	1.27 (1.66)
Overall length	A	mm (ft-in)	10740 (35' 3")
Overall width, with 600 mm shoe	B		3200 (10' 6")
Overall height of boom	C		3320 (10' 11")
Superstructure width	D		2980 (9' 9")
Overall height of cab	E		3130 (10' 3")
Ground clearance of counterweight	F		1185 (3' 9")
Overall height of engine hood	G		2657 (8' 9")
Overall height of handrail	G'		3336 (10' 11")
Minimum ground clearance	H		500 (1' 8")
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		4940 (16' 2")
Undercarriage width	L		3200 (10' 6")
Track gauge	M		2600 (8' 6")
Track shoe width, standard	N		600 (24")
Travel speed (low/high)		km/hr (mph)	3.3/5.9 (2.1/3.7)
Swing speed		rpm	10.2
Gradeability		Degree (%)	35 (70)
Ground pressure (600 mm shoe)		kgf/cm ² (psi)	0.58 (8.25)
Max traction force		kg (lb)	26500 (58420)

2) HX300S L LONG REACH

(1) 10.2 m (33' 6") boom and 7.85 m (25' 9") arm

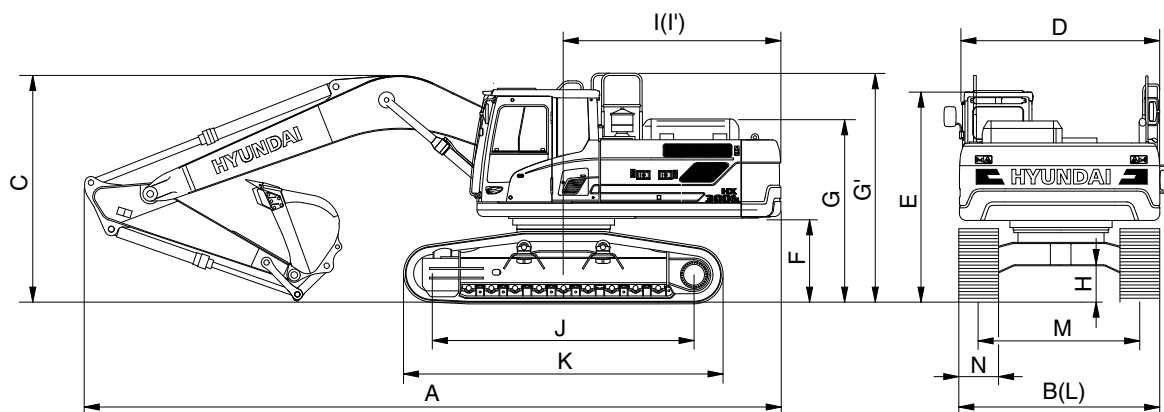


300S2SP03

Description		Unit	Specification
Operating weight		kg (lb)	33910 (74760)
Bucket capacity (SAE heaped), standard		m ³ (yd ³)	0.52 (0.68)
Overall length	A	mm (ft-in)	14750 (48' 5")
Overall width, with 800 mm shoe	B		3400 (11' 2")
Overall height of boom	C		3560 (11' 8")
Superstructure width	D		2980 (9' 9")
Overall height of cab	E		3150 (10' 3")
Ground clearance of counterweight	F		1190 (3' 11")
Overall height of engine hood	G		2600 (8' 6")
Overall height of handrail	G'		3335 (10' 11")
Minimum ground clearance	H		500 (1' 8")
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		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)	3.3/5.9 (2.1/3.7)
Swing speed		rpm	10.2
Gradeability		Degree (%)	35 (70)
Ground pressure (800 mm shoe)		kgf/cm ² (psi)	0.49 (6.96)
Max traction force		kg (lb)	26500 (58420)

3) HX300S L HIGH WALKER

(1) 6.25 m (20' 6") boom and 3.05 m (10' 0") arm

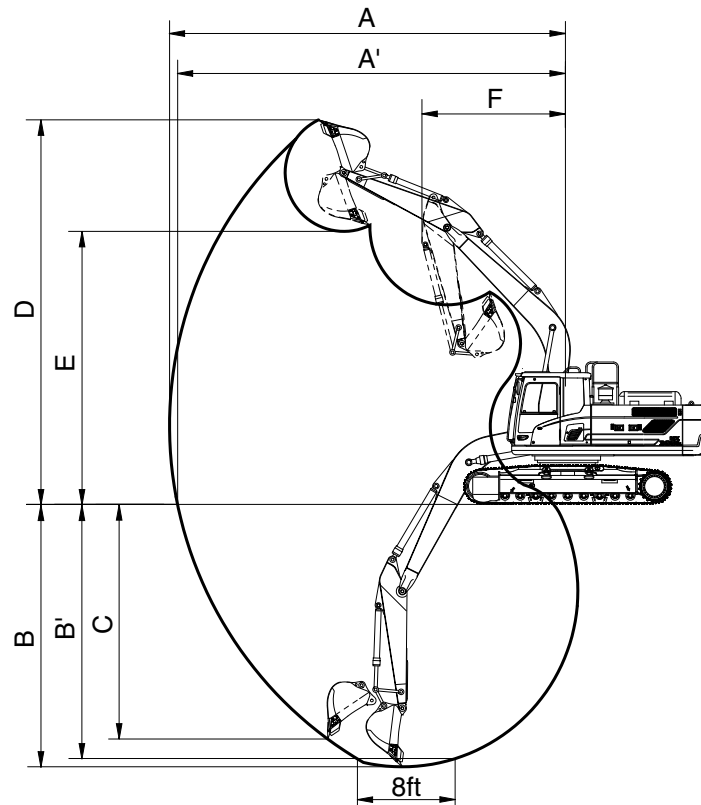


300S2SP04

Description		Unit	Specification
Operating weight		kg (lb)	34000 (74960)
Bucket capacity (SAE heaped), standard		m ³ (yd ³)	1.27 (1.66)
Overall length	A	mm (ft-in)	10590 (34' 9")
Overall width, with 700 mm shoe	B		3470 (11' 5")
Overall height of boom	C		3440 (11' 3")
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 handrail	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		5010 (16' 5")
Undercarriage width	L		3470 (11' 5")
Track gauge	M		2870 (9' 5")
Track shoe width, standard	N		700 (28")
Travel speed (low/high)		km/hr (mph)	3.3/5.9 (2.1/3.7)
Swing speed		rpm	10.2
Gradeability		Degree (%)	35 (70)
Ground pressure (700 mm shoe)		kgf/cm ² (psi)	0.56 (7.96)
Max traction force		kg (lb)	26500 (58420)

3. WORKING RANGE

1) HX300S L

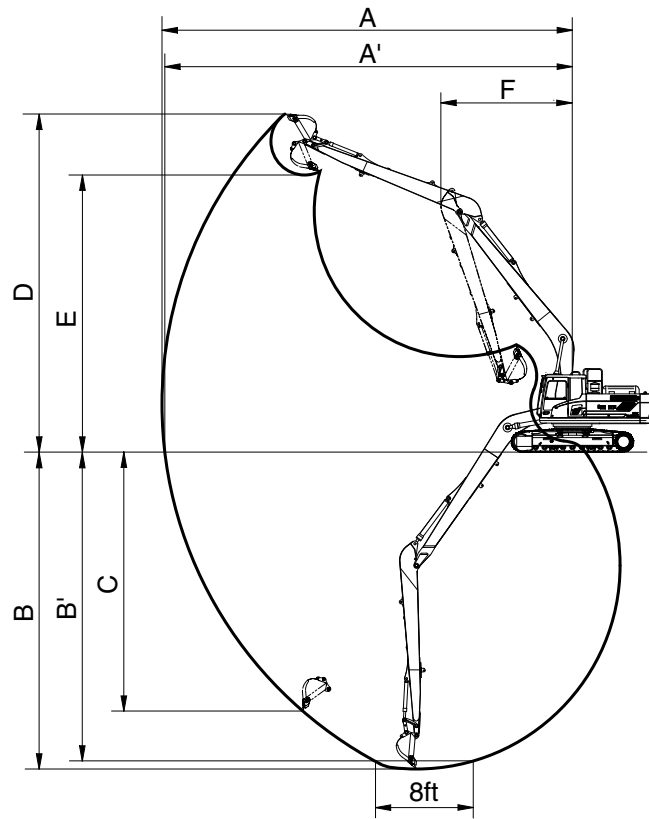


300S2SP06

Description	m (ft-in)	Boom	6.25 (20' 6")				
		Arm	2.10 (6' 11")	2.50 (8' 2")	2.85 (9' 4")	3.05 (10' 0")	3.75 (12' 4")
Max digging reach	mm (ft-in)	A	10040 (32' 11")	10310 (33' 10")	10620 (34' 10")	10810 (35' 6")	11420 (37' 6")
Max digging reach on ground		A'	9820 (32' 3")	10100 (33' 2")	10410 (34' 2")	10610 (34' 10")	11230 (36' 10")
Max digging depth		B	6380 (20' 11")	6780 (22' 3")	7130 (23' 5")	7330 (24' 1")	8030 (26' 4")
Max digging depth (8 ft level)		B'	6180 (20' 3")	6600 (21' 8")	6960 (22' 10")	7170 (23' 6")	7890 (25' 11")
Max vertical wall digging depth		C	5910 (19' 5")	5760 (18' 11")	6030 (19' 9")	6280 (20' 7")	6990 (22' 11")
Max digging height		D	10130 (33' 3")	9980 (32' 9")	10090 (33' 1")	10200 (33' 6")	10410 (34' 2")
Max dumping height		E	6990 (22' 11")	6930 (22' 9")	7050 (23' 2")	7150 (23' 5")	7360 (24' 2")
Min swing radius		F	4420 (14' 6")	4320 (14' 2")	4320 (14' 2")	4270 (14' 0")	4220 (13' 10")
Bucket digging force	kN	SAE	164.8 [179.8]	165.7 [180.8]	165.7 [180.8]	165.7 [180.8]	166.7 [181.9]
	kgf		16800 [18330]	16900 [18440]	16900 [18440]	16900 [18440]	17000 [18550]
	lbf		37040 [40410]	37260 [40650]	37260 [40650]	37260 [40650]	37480 [40900]
	kN	ISO	191.2 [208.6]	191.2 [208.6]	192.2 [209.7]	192.2 [209.7]	192.2 [209.7]
	kgf		19500 [21270]	19500 [21270]	19600 [21380]	19600 [21380]	19600 [21380]
	lbf		42990 [46890]	42990 [46890]	43210 [47130]	43210 [47130]	43210 [47130]
Arm digging force	kN	SAE	180.4 [196.8]	155.9 [170.1]	139.3 [151.9]	131.4 [143.4]	114.7 [125.1]
	kgf		18400 [20070]	15900 [17350]	14200 [15490]	13400 [14620]	11700 [12760]
	lbf		40570 [44250]	35050 [38250]	31310 [34150]	29540 [32230]	25790 [28130]
	kN	ISO	190.3 [207.5]	163.8 [178.7]	145.1 [158.4]	136.3 [148.7]	119.6 [130.5]
	kgf		19400 [21160]	16700 [18220]	14800 [16150]	13900 [15160]	12200 [13310]
	lbf		42770 [46650]	36820 [40170]	32630 [35600]	30640 [33420]	26900 [29340]

[] : Power boost

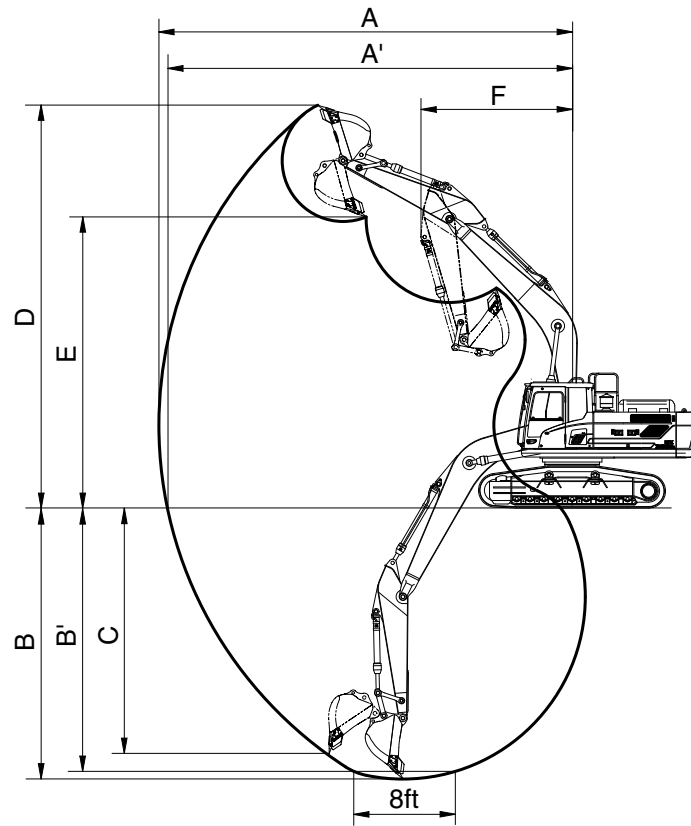
2) HX300S L LONG REACH



300S2SP07

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	70.6
	kgf		7200
	lbf		15870
	kN	ISO	82.4
	kgf		8400
	lbf		18520
Arm digging force	kN	SAE	47.1
	kgf		4800
	lbf		10580
	kN	ISO	48.1
	kgf		4900
	lbf		10800

3) HX300S L HIGH WALKER



300S2SP08

Description	m (ft-in)	Boom	6.25 (20' 6")				
		Arm	2.10 (6' 11")	2.50 (8' 2")	2.85 (9' 4")	3.05 (10' 0")	3.75 (12' 4")
Max digging reach	mm (ft-in)	A	10040 (32' 11")	10310 (33' 10")	10620 (34' 10")	10810 (35' 6")	11420 (37' 6")
Max digging reach on ground		A'	9750 (32' 0")	10020 (32' 10")	10410 (34' 2")	10540 (34' 7")	11170 (36' 8")
Max digging depth		B	6060 (19' 11")	6460 (21' 2")	7130 (23' 5")	7010 (23' 0")	7710 (25' 4")
Max digging depth (8 ft level)		B'	5860 (19' 3")	6280 (20' 7")	6960 (22' 10")	6850 (22' 6")	7570 (24' 10")
Max vertical wall digging depth		C	5590 (18' 4")	5440 (17' 10")	6030 (19' 9")	5960 (19' 7")	6670 (21' 11")
Max digging height		D	10450 (34' 3")	10300 (33' 10")	10090 (33' 1")	10520 (34' 6")	10730 (35' 2")
Max dumping height		E	7320 (24' 0")	7250 (23' 9")	7050 (23' 2")	7470 (24' 6")	7680 (25' 2")
Min swing radius		F	4420 (14' 6")	4320 (14' 2")	4320 (14' 2")	4270 (14' 0")	4220 (13' 10")
Bucket digging force	kN	SAE	164.8 [179.8]	165.7 [180.8]	165.7 [180.8]	165.7 [180.8]	166.7 [181.9]
	kgf		16800 [18330]	16900 [18440]	16900 [18440]	16900 [18440]	17000 [18550]
	lbf		37040 [40410]	37260 [40650]	37260 [40650]	37260 [40650]	37480 [40900]
	kN	ISO	191.2 [208.6]	191.2 [208.6]	192.2 [209.7]	192.2 [209.7]	192.2 [209.7]
	kgf		19500 [21270]	19500 [21270]	19600 [21380]	19600 [21380]	19600 [21380]
	lbf		42990 [46890]	42990 [46890]	43210 [47130]	43210 [47130]	43210 [47130]
Arm digging force	kN	SAE	180.4 [196.8]	155.9 [170.1]	139.3 [151.9]	131.4 [143.4]	114.7 [125.1]
	kgf		18400 [20070]	15900 [17350]	14200 [15490]	13400 [14620]	11700 [12760]
	lbf		40570 [44250]	35050 [38250]	31310 [34150]	29540 [32230]	25790 [28130]
	kN	ISO	190.3 [207.5]	163.8 [178.7]	145.1 [158.4]	136.3 [148.7]	119.6 [130.5]
	kgf		19400 [21160]	16700 [18220]	14800 [16150]	13900 [15160]	12200 [13310]
	lbf		42770 [46650]	36820 [40170]	32630 [35600]	30640 [33420]	26900 [29340]

[] : Power boost

4. WEIGHT

1) HX300S L

Item	HX300S L	
	kg	lb
Upperstructure assembly	13740	30290
Main frame weld assembly	2720	6000
Engine assembly	617	1360
Main pump assembly	201	443
Main control valve assembly	220	485
Swing motor assembly	350	770
Hydraulic oil tank assembly	250	550
Fuel tank assembly	240	530
Counterweight	5200	11460
Cab assembly	422	930
Lower chassis assembly	10790	23790
Track frame weld assembly	3750	8270
Swing bearing	435	960
Travel motor assembly	360	790
Turning joint	54	120
Sprocket	83	183
Track recoil spring	225	500
Idler	250	551
Carrier roller	35	80
Track roller	56	123
Track-chain assembly (600 mm standard triple grouser shoe)	1880	4145
Front attachment assembly (6.25 m boom, 3.05 m arm, 1.27 m³ SAE heaped bucket)	5550	12240
6.25 m boom assembly	2285	5040
3.05 m arm assembly	1025	2260
1.27 m³ SAE heaped bucket	1010	2230
Boom cylinder assembly	270	600
Arm cylinder assembly	360	790
Bucket cylinder assembly	220	485
Bucket control linkage total	110	240

2) HX300S L LONG REACH

Item	HX300S L LONG REACH	
	kg	lb
Upperstructure assembly	15390	33930
Main frame weld assembly	2720	6000
Engine assembly	617	1360
Main pump assembly	201	443
Main control valve assembly	220	485
Swing motor assembly	350	770
Hydraulic oil tank assembly	250	550
Fuel tank assembly	240	530
Counterweight	7000	15450
Cab assembly	422	930
Lower chassis assembly	11750	25900
Track frame weld assembly	3750	8270
Swing bearing	435	960
Travel motor assembly	360	790
Turning joint	54	120
Sprocket	83	183
Track recoil spring	225	500
Idler	250	551
Carrier roller	35	80
Track roller	56	123
Track-chain assembly (800 mm standard triple grouser shoe)	2353	5187
Front attachment assembly (10.2 m boom, 7.85 m arm, 0.52 m³ SAE heaped bucket)	5920	13050
10.2 m boom assembly	2960	6530
7.85 m arm assembly	1340	2960
0.52 m³ SAE heaped bucket	460	1010
Boom cylinder assembly	270	600
Arm cylinder assembly	360	790
Bucket cylinder assembly	96	212
Bucket control linkage total	110	240

3) HX300S L HIGH WALKER

Item	HX300S L HIGH WALKER	
	kg	lb
Upperstructure assembly	13740	30290
Main frame weld assembly	2720	6000
Engine assembly	617	1360
Aftertreatment assy	94	210
Main pump assembly	201	443
Main control valve assembly	220	485
Swing motor assembly	350	770
Hydraulic oil tank assembly	250	550
Fuel tank assembly	240	530
Counterweight	5200	11460
Cab assembly	422	930
Lower chassis assembly	13630	30050
Track frame weld assembly	5825	12840
Swing bearing	435	960
Travel motor assembly	360	790
Turning joint	54	120
Sprocket	83	183
Track recoil spring	225	500
Idler	250	551
Carrier roller	56	123
Track roller	56	123
Track-chain assembly (700 mm standard triple grouser shoe)	2619	5774
Front attachment assembly (6.25 m boom, 3.05 m arm, 1.27 m³ SAE heaped bucket)	5550	12240
6.25 m boom assembly	2285	5040
3.05 m arm assembly	1025	2260
1.27 m³ SAE heaped bucket	1010	2230
Boom cylinder assembly	270	600
Arm cylinder assembly	360	790
Bucket cylinder assembly	220	485
Bucket control linkage total	110	240

5. LIFTING CAPACITIES

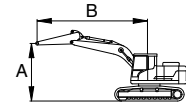
1) HX300S L

Unit : mm

Model	Boom	Boom	Arm	Counterweight	Shoe	Dozer		Outrigger	
	Type	Length	Length	Weight (kg)	Width	Front	Rear	Front	Rear
HX300S L	Mono	6250	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)
7.5m	kg					*7670	*7670			*7890	7270	6.40
24.6ft	lb					*16910	*16910			*17390	16030	(21.0)
6.0m	kg					*7900	*7900			*7790	5630	7.44
19.7ft	lb					*17420	*17420			*17170	12410	(24.4)
4.5m	kg					*8950	7670	*7930	5470	7630	4850	8.06
14.8ft	lb					*19730	16910	*17480	12060	16820	10690	(26.5)
3.0m	kg					*10270	7270	8410	5290	7090	4480	8.37
9.8ft	lb					*22640	16030	18540	11660	15630	9880	(27.5)
1.5m	kg					*11350	6960	8220	5130	6960	4380	8.40
4.9ft	lb					*25020	15340	18120	11310	15340	9660	(27.6)
0.0m	kg					11330	6810	8120	5040	7220	4520	8.16
0.0ft	lb					24980	15010	17900	11110	15920	9960	(26.8)
-1.5m	kg			*15530	10360	11310	6800	8160	5070	8020	4990	7.60
-4.9ft	lb			*34240	22840	24930	14990	17990	11180	17680	11000	(24.9)
-3.0m	kg	*18440	*18440	*14030	10560	*10600	6940			*9060	6090	6.66
-9.8ft	lb	*40650	*40650	*30930	23280	*23370	15300			*19970	13430	(21.9)
-4.5m	kg			*10580	*10580					*8760	*8760	5.12
-14.8ft	lb			*23320	*23320					*19310	*19310	(16.8)

※ Note

1. Lifting capacity are based on SAE J1097 and ISO 10567.
2. Lifting capacity of the ROBEX 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 mounting pin on the arm (without bucket).
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.

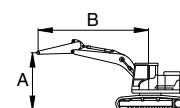
Make adjustments to the rated load as necessary for non-standard configurations.

Unit : mm

Model	Boom	Boom	Arm	Counterweight	Shoe	Dozer		Outrigger	
	Type	Length	Length	Weight (kg)	Width	Front	Rear	Front	Rear
HX300S L	Mono	6250	2500	5200	600	-	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



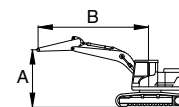
Lift-point height (A)		Lift-point radius (B)								At max. reach		
		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach
												m (ft)
7.5m 24.6ft	kg lb					*6980 *15390	*6980 *15390			*6760 *14900	6760 14900	6.74 (22.1)
6.0m 19.7ft	kg lb					*7380 *16270	*7380 *16270	*7170 *15810	5630 12410	*6440 *14200	5330 11750	7.74 (25.4)
4.5m 14.8ft	kg lb			*10660 *23500	*10660 *23500	*8470 *18670	7750 17090	*7530 *16600	5500 12130	*6420 *14150	4620 10190	8.34 (27.4)
3.0m 9.8ft	kg lb			*13720 *30250	10980 24210	*9850 *21720	7320 16140	*8180 *18030	5300 11680	*6640 *14640	4270 9410	8.64 (28.3)
1.5m 4.9ft	kg lb					*11040 *24340	6970 15370	8220 18120	5120 11290	6630 14620	4160 9170	8.67 (28.4)
0.0m 0.0ft	kg lb			*16170 *35650	10220 22530	11300 24910	6770 14930	8080 17810	5000 11020	6840 15080	4270 9410	8.43 (27.7)
-1.5m -4.9ft	kg lb	*11150 *24580	*11150 *24580	*15780 *34790	10240 22580	11240 24780	6730 14840	8060 17770	4980 10980	7520 16580	4670 10300	7.89 (25.9)
-3.0m -9.8ft	kg lb	*19830 *43720	*19830 *43720	*14550 *32080	10410 22950	*10980 *24210	6830 15060			*9000 *19840	5590 12320	6.99 (22.9)
-4.5m -14.8ft	kg lb	*15970 *35210	*15970 *35210	*11820 *26060	10790 23790					*9210 *20300	7980 17590	5.55 (18.2)

Unit : mm

Model	Boom	Boom	Arm	Counterweight	Shoe	Dozer		Outrigger	
	Type	Length	Length	Weight (kg)	Width	Front	Rear	Front	Rear
HX300S L	Mono	6250	2850	5200	600	-	-	-	-

·  : Rating over-front

·  : Rating over-side or 360 degree



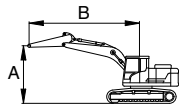
Lift-point height (A)		Lift-point radius (B)								At max. reach		
		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach
												m (ft)
7.5m 24.6ft	kg lb									*5020 *11070	*5020 *11070	7.14 (23.4)
6.0m 19.7ft	kg lb					*6850 *15100	*6850 *15100	*6660 *14680	5630 12410	*4800 *10580	*4800 *10580	8.08 (26.5)
4.5m 14.8ft	kg lb			*9820 *21650	*9820 *21650	*7960 *17550	7760 17110	*7120 *15700	5470 12060	*4790 *10560	4300 9480	8.66 (28.4)
3.0m 9.8ft	kg lb			*12880 *28400	11090 24450	*9380 *20680	7310 16120	*7830 *17260	5260 11600	*4960 *10930	3980 8770	8.95 (29.4)
1.5m 4.9ft	kg lb			*15120 *33330	10380 22880	*10670 *23520	6920 15260	8160 17990	5050 11130	*5310 *11710	3880 8550	8.98 (29.5)
0.0m 0.0ft	kg lb			*15970 *35210	10110 22290	11220 24740	6690 14750	8000 17640	4910 10820	*5940 *13100	3970 8750	8.75 (28.7)
-1.5m -4.9ft	kg lb	*11280 *24870	*11280 *24870	*15830 *34900	10080 22220	11120 24520	6610 14570	7940 17500	4860 10710	6970 15370	4300 9480	8.23 (27.0)
-3.0m -9.8ft	kg lb	*18980 *41840	*18980 *41840	*14840 *32720	10220 22530	*11130 *24540	6670 14700			8250 18190	5070 11180	7.38 (24.2)
-4.5m -14.8ft	kg lb	*17280 *38100	*17280 *38100	*12560 *27690	10540 23240	*9020 *19890	6960 15340			*8940 *19710	6920 15260	6.03 (19.8)

Unit : mm

Model	Boom	Boom	Arm	Counterweight	Shoe	Dozer		Outrigger	
	Type	Length	Length	Weight (kg)	Width	Front	Rear	Front	Rear
HX300S L	Mono	6250	3050	5200	600	-	-	-	-

-  : Rating over-front

-  : Rating over-side or 360 degree

[illegible]

Unit : mm

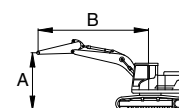
Model	Boom	Boom	Arm	Counterweight	Shoe	Dozer		Outrigger	
	Type	Length	Length	Weight (kg)	Width	Front	Rear	Front	Rear
HX300S L	Mono	6250	3750	5200	600	-	-	-	-



: 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													*3820	*3820	6.87
	lb													*8420	*8420	(22.6)
7.5 m (24.6 ft)	kg									*5120	*5120			*3490	*3490	8.14
	lb									*11290	*11290			*7690	*7690	(26.7)
6.0 m (19.7 ft)	kg									*5700	*5700			*3370	*3370	8.97
	lb									*12570	*12570			*7430	*7430	(29.4)
4.5 m (14.8 ft)	kg							*6830	*6830	*6290	5620	*5230	4140	*3370	*3370	9.50
	lb							*15060	*15060	*13870	12390	*11530	9130	*7430	*7430	(31.2)
3.0 m (9.8 ft)	kg					*10960	*10960	*8340	7530	*7110	5370	6370	4020	*3490	*3490	9.76
	lb					*24160	*24160	*18390	16600	*15670	11840	14040	8860	*7690	*7690	(32.0)
1.5 m (4.9 ft)	kg					*13740	10700	*9850	7070	*7970	5120	6230	3890	*3720	3400	9.79
	lb					*30290	23590	*21720	15590	*17570	11290	13730	8580	*8200	7500	(32.1)
0.0 m (0.0 ft)	kg			*6810	*6810	*15380	10180	*10980	6740	8020	4920	6110	3780	*4110	3450	9.58
	lb			*15010	*15010	*33910	22440	*24210	14860	17680	10850	13470	8330	*9060	7610	(31.4)
-1.5 m (-4.9 ft)	kg	*7070	*7070	*10570	*10570	*15920	10000	11090	6570	7890	4810	*5710	3740	*4750	3680	9.11
	lb	*15590	*15590	*23300	*23300	*35100	22050	24450	14480	17390	10600	*12590	8250	*10470	8110	(29.9)
-3.0 m (-9.8 ft)	kg	*11090	*11090	*15460	*15460	*15540	10020	11060	6540	7890	4800			*5900	4180	8.35
	lb	*24450	*24450	*34080	*34080	*34260	22090	24380	14420	17390	10580			*13010	9220	(27.4)
-4.5 m (-14.8 ft)	kg	*15990	*15990	*20280	*20280	*14140	10230	*10510	6680					*8250	5240	7.19
	lb	*35250	*35250	*44710	*44710	*31170	22550	*23170	14730					*18190	11550	(23.6)
-6.0 m (-19.7 ft)	kg			*15400	*15400	*10850	10700							*8670	8240	5.38
	lb			*33950	*33950	*23920	23590							*19110	18170	(17.6)

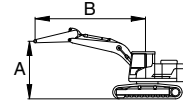
2) HX300S L LONG REACH

Unit : mm

Model	Boom	Boom	Arm	Counterweight	Shoe	Dozer		Outrigger	
	Type	Length	Length	Weight (kg)	Width	Front	Rear	Front	Rear
HX300S L	Mono	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)		4.5m (14.8ft)		6.0m (19.7ft)		7.5m (24.6ft)		9.0m (29.5ft)		10.5m (34.4ft)		12.0m (39.4ft)		13.5m (44.3ft)		15.0m (49.2ft)		16.5m (54.1ft)		Capacity	Reach							
																														m (ft)		
13.5m	kg																												*750	*750	12.91	
44.3ft	lb																												*1650	*1650	(42.4)	
12.0m	kg																		*1000	*1000									*690	*690	14.11	
39.4ft	lb																		*2200	*2200									*1520	*1520	(46.3)	
10.5m	kg																		*1300	*1300	*700	*700							*660	*660	15.06	
34.4ft	lb																		*2870	*2870	*1540	*1540							*1460	*1460	(49.4)	
9.0m	kg																		*1480	*1480	*1090	*1090							*650	*650	15.82	
29.5ft	lb																		*3260	*3260	*2400	*2400							*1430	*1430	(51.9)	
7.5m	kg																		*1650	*1650	*1340	*1340							*640	*640	16.40	
24.6ft	lb																		*3640	*3640	*2950	*2950							*1410	*1410	(53.8)	
6.0m	kg																												*650	*650	16.83	
19.7ft	lb																		*4430	*4430	*4080	*4080	*3400	*3400	*1960	*1960			*1430	*1430	(55.2)	
4.5m	kg																		*2570	*2570	*2370	*2370	*2120	*2120	*1750	*1750	*1110	*1110	*670	*670	17.11	
14.8ft	lb																		*5670	*5670	*5220	*5220	*4670	*4670	*3860	*3860	*2450	*2450	*1480	*1480	(56.1)	
3.0m	kg					*8050	*8050			*4570	*4570	*3880	*3880	*3430	*3430	*2910	*2910	*2460	*2460	*1970	*1970	*1270	*1270	*700	*700	17.25						
9.8ft	lb					*17750			*10080	*8550	*8550	*7560	*7560	*6420	*6420	*5420	*5420	*4340	*4340	*2800	*2800	*1540	*1540			*1540	*1540	(56.6)				
1.5m	kg					*4070	*4070	*7170	*7170	*5470	*5470	*4490	4450	*3860	3550	*3440	2870	*2900	2360	*2210	1950	*1380	*1380	*750	*750	17.27						
4.9ft	lb					*8970	*15810	*15810	*12060	*12060	*9900	9810	*8510	7830	*7580	6330	*6390	5200	*4870	4300	*3040	*3040	*1650	*1650			*1650	*1650	(56.7)			
0.0m	kg			*1230	*1230	*3010	*3010	*7180	7030	*6260	5270	*5050	4130	*4270	3320	*3740	2710	*3360	2240	*2440	1860	*1410	*1410	*810	*810	17.15						
0.0ft	lb			*2710	*6640	*6640	*15830	15500	*13800	11620	*11130	9110	*9410	7320	*8250	5970	*7410	4940	*5380	4100	*3110	*3110	*1790	*1790			*1790	*1790	(56.3)			
-1.5m	kg	*1280	*1280	*1770	*1770	*3090	*3090	*5900	*5900	*6890	4920	*5520	3870	*4630	3130	*4010	2570	*3570	2140	*2610	1790	*1320	*1320	*890	*890	16.90						
-4.9ft	lb	*2820	*2820	*3900	*3900	*6810	*6810	*13010	*13010	*15190	10850	*12170	8530	*10210	6900	*8840	5670	*7870	4720	*5750	3950	*2910	*2910	*1960	*1960	(55.4)						
-3.0m	kg	*1920	*1920	*2410	*2410	*3550	*3550	*5840	*5840	*7330	4700	*5890	3690	*4920	2980	4170	2460	3520	2060	*2630	1740	*1000	*1000	*1000	*1000	16.50						
-9.8ft	lb	*4230	*4230	*5310	*5310	*7830	*7830	*12870	*12870	*16160	10360	*12990	8140	*10850	6570	9190	5420	7760	4540	*5800	3840	*2200	*2200	*2200	*2200	(54.1)						
-4.5m	kg	*2570	*2570	*3100	*3100	*4190	*4190	*6310	6230	*7600	4580	6110	3570	4930	2890	4090	2390	3470	2010	*2390	1710					*1140	*1140	15.96				
-14.8ft	lb	*5670	*5670	*6830	*6830	*9240	*9240	*13910	13730	*16760	10100	13470	7870	10870	6370	9020	5270	7650	4430	*5270	3770					*2510	*2510	(52.3)				
-6.0m	kg	*3270	*3270	*3860	*3860	*5000	*5000	*7130	6220	*7700	4530	6060	3520	4880	2840	4060	2360	3450	1990	*1720	1710							*1340	*1340	15.24		
-19.7ft	lb	*7210	*7210	*8510	*8510	*11020	*11020	*15720	13710	*16980	9990	13360	7760	10760	6260	8950	5200	7610	4390	*3790	3770							*2950	*2950	(50.0)		
-7.5m	kg	*4020	*4020	*4710	*4710	*5970	*5970	*8300	6290	*7620	4560	6070	3530	4890	2850	4070	2360	*3260	2010									*1630	*1630	14.33		
-24.6ft	lb	*8860	*8860	*10380	*10380	*13160	*13160	*18300	13870	*16800	10050	13380	7780	10780	6280	8970	5200	*7190	4430										*3590	*3590	(47.0)	
-9.0m	kg	*4850	*4850	*5690	*5690	*7170	*7170	*9220	6440	*7350	4650	*6040	3600	4950	2900	4130	2420												*2100	*2100	13.19	
-29.5ft	lb	*10690	*10690	*12540	*12540	*15810	*15810	*20330	14200	*16200	10250	*13320	7940	10910	6390	9110	5340												*4630	*4630	(43.3)	
-10.5m	kg	*5790	*5790	*6860	*6860	*8720	*8720	*8490	6660	*6820	4810	*5610	3730	*4650	3020														*2960	2630	11.74	
-34.4ft	lb	*12760	*12760	*15120	*15120	*19220	*19220	*18720	14680	*15040	10600	*12370	8220	*10250	6660															*6530	5800	(38.5)
-12.0m	kg			*8320	*8320	*9440	*9440	*7340	6990	*5900	5070	*4770	3950																	*4190	3520	9.85
-39.4ft	lb			*18340	*20810	*20810	*16180	15410	*13010	11180	*10520	8710																		*9240	7760	(32.3)
-13.5m	kg																															
-44.3ft	lb																															

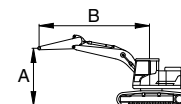
3) HX300S L HIGH WALKER

Unit : mm

Model	Boom	Boom	Arm	Counterweight	Shoe	Dozer		Outrigger	
	Type	Length	Length	Weight (kg)	Width	Front	Rear	Front	Rear
HX300S L	Mono	6250	3050	5200	600	-	-	-	-

·  : Rating over-front

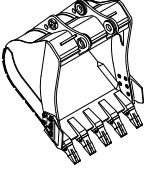
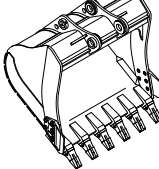
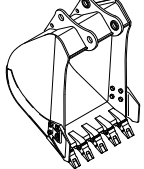
·  : Rating over-side or 360 degree



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)		9.0 m (29.5 ft)		Capacity		Reach
														m (ft)
9.0 m (29.5 ft)	kg											*4760	*4760	6.34
	lb											*10490	*10490	(20.8)
7.5 m (24.6 ft)	kg							*5020	*5020			*4340	*4340	7.63
	lb							*11070	*11070			*9570	*9570	(25.0)
6.0 m (19.7 ft)	kg					*6840	*6840	*6560	*6560			*4200	*4200	8.45
	lb					*15080	*15080	*14460	*14460			*9260	*9260	(27.7)
4.5 m (14.8 ft)	kg			*10120	*10120	*8080	*8080	*7140	6600			*4230	*4230	8.95
	lb			*22310	*22310	*17810	*17810	*15740	14550			*9330	*9330	(29.4)
3.0 m (9.8 ft)	kg			*13160	*13160	*9540	8830	*7900	6370	*5780	4830	*4400	*4400	9.17
	lb			*29010	*29010	*21030	19470	*17420	14040	*12740	10650	*9700	*9700	(30.1)
1.5 m (4.9 ft)	kg			*15250	12840	*10800	8440	*8620	6150	*6100	4730	*4740	4630	9.14
	lb			*33620	28310	*23810	18610	*19000	13560	*13450	10430	*10450	10210	(30.0)
0.0 m (0.0 ft)	kg	*6560	*6560	*16020	12580	*11570	8220	8630	6020			*5320	4790	8.86
	lb	*14460	*14460	*35320	27730	*25510	18120	19030	13270			*11730	10560	(29.1)
-1.5 m (-4.9 ft)	kg	*12500	*12500	*15840	12570	*11710	8150	8590	5980			*6340	5240	8.29
	lb	*27560	*27560	*34920	27710	*25820	17970	18940	13180			*13980	11550	(27.2)
-3.0 m (-9.8 ft)	kg	*19800	*19800	*14760	12720	*11060	8230					*8390	6240	7.36
	lb	*43650	*43650	*32540	28040	*24380	18140					*18500	13760	(24.2)
-4.5 m (-14.8 ft)	kg	*17010	*17010	*12280	*12280							*8860	8700	5.93
	lb	*37500	*37500	*27070	*27070							*19530	19180	(19.4)

6. BUCKET SELECTION GUIDE

1) GENERAL BUCKET

		
1.27, 1.50 m ³ SAE heaped bucket	1.73, 1.85 m ³ SAE heaped bucket	★0.52 m ³ SAE heaped bucket

Capacity		Width		Weight	Recommendation					
					6.25 m (20' 6") boom					10.2 m (33' 6") boom
SAE heaped	CECE heaped	Without side cutter	With side cutter		2.1 m arm (6' 11")	2.5 m arm (8' 2")	2.85 m arm (9' 4")	3.05 m arm (10' 0")	3.75 m arm (12' 4")	7.85 m arm (25' 9")
1.27 m ³ (1.66 yd ³)	1.10 m ³ (1.44 yd ³)	1290 mm (51")	1410 mm (56")	1010 kg (2230 lb)	●	●	●	●	◐	X
1.50 m ³ (1.96 yd ³)	1.30 m ³ (1.70 yd ³)	1490 mm (59")	1610 mm (63.0")	1080 kg (2380 lb)	●	◐	◐	◐	■	X
1.73 m ³ (2.26 yd ³)	1.50 m ³ (1.96 yd ³)	1700 mm (67")	1820 mm (72")	1170 kg (2580 lb)	◐	■	■	■	▲	X
1.85 m ³ (2.42 yd ³)	1.60 m ³ (2.09 yd ³)	1800 mm (71")	1920 mm (76")	1230 kg (2710 lb)	■	■	▲	▲	▲	X
★0.52 m ³ (0.68 yd ³)	0.45 m ³ (0.59 yd ³)	935 mm (37")	1035 mm (41")	460 kg (1010 lb)	X	X	X	X	X	◐

★ : Long reach bucket

●	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

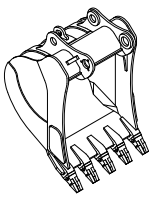
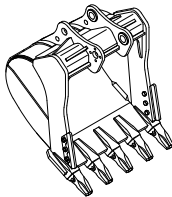
※ These recommendations are for general conditions and average use.

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.

2) HEAVY DUTY AND ROCK-HEAVY DUTY BUCKET

	
◆ 1.27 m³ SAE ◆ 1.46 m³ SAE heaped bucket	◆ 1.16 m³ SAE ◆ 1.33 m³ SAE ◆ 1.50 m³ SAE heaped bucket

Capacity		Width		Weight	Recommendation				
					6.25 m (20' 6") boom				
SAE heaped	CECE heaped	Without side cutter	With side cutter		2.1 m arm (6' 11")	2.5 m arm (8' 2")	2.85 m arm (9' 4")	3.05 m arm (10' 0")	3.75 m arm (12' 4")
◆ 1.27 m³ (1.66 yd³)	1.10 m³ (1.44 yd³)	1310 mm (52")	-	1240 kg (2730 lb)	●	●	●	◐	■
◆ 1.46 m³ (1.91 yd³)	1.28 m³ (1.67 yd³)	1460 mm (57")	-	1320 kg (2910 lb)	●	◐	◐	■	■
◆ 1.16 m³ (1.52 yd³)	1.10 m³ (1.31 yd³)	1340 mm (53")	-	1280 kg (2820 lb)	●	●	●	●	X
◆ 1.33 m³ (1.74 yd³)	1.16 m³ (1.52 yd³)	1420 mm (56")	-	1440 kg (3170 lb)	●	●	◐	◐	X
◆ 1.49 m³ (1.96 yd³)	1.28 m (1.67 yd³)	1620 mm (64")	-	1440 kg (3170 lb)	◐	◐	■	■	X

◆ : Heavy duty bucket

◆ : Rock-Heavy duty bucket

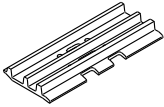
●	Applicable for materials with density of 2100 kg/m ³ (3500 lb/yd ³) or less
◐	Applicable for materials with density of 1800 kg/m ³ (3000 lb/yd ³) or less
■	Applicable for materials with density of 1500 kg/m ³ (2500 lb/yd ³) or less
▲	Applicable for materials with density of 1200 kg/m ³ (2000 lb/yd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

7. UNDERCARRIAGE

1) TRACKS

X-leg type center frame is integrally welded with reinforced box-section track frames. The design includes dry tracks, lubricated rollers, idlers, sprockets, hydraulic track adjusters with shock absorbing springs and assembled track-type tractor shoes with triple grousers.

2) TYPES OF SHOES

Model	Shapes		Triple grouser			
						
HX300S L	Shoe width	mm (in)	600 (24)	700 (28)	800 (32)	-
	Operating weight	kg (lb)	30200 (66580)	30770 (67840)	31150 (68670)	-
	Ground pressure	kgf/cm ² (psi)	0.58 (8.27)	0.51 (7.22)	0.45 (6.4)	-
	Overall width	mm (ft-in)	3200 (10' 6")	3300 (10' 10")	3400 (11' 1")	-
HX300S L LONG REACH	Shoe width	mm (in)	-	-	800 (32)	-
	Operating weight	kg (lb)	-	-	33910 (74760)	-
	Ground pressure	kgf/cm ² (psi)	-	-	0.49 (6.96)	-
	Overall width	mm (ft-in)	-	-	3400 (11' 2")	-
HX300S L HIGH WALKER	Shoe width	mm (in)	600 (24)	700 (28)	800 (32)	★ 700 (28)
	Operating weight	kg (lb)	32490 (71630)	33060 (72880)	33440 (73720)	34000 (74960)
	Ground pressure	kgf/cm ² (psi)	0.63 (8.89)	0.55 (7.76)	0.48 (6.87)	0.56 (7.96)
	Overall width	mm (ft-in)	3470 (11' 5")	3570 (11' 9")	3670 (12' 0")	3580 (11' 9")

★ : Double grouser

3) NUMBER OF ROLLERS AND SHOES ON EACH SIDE

Item	Quantity
Carrier rollers	2 EA
Track rollers	9 EA
Track shoes	48 EA

4) 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
800 mm triple grouser (long reach)	Standard	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
Model	HD Hyundai Construction Equipment HM8.3
Type	4-cycle turbocharged, charge air cooled diesel engine
Cooling method	Water cooling
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	114 × 134.9 mm (4.49" × 5.31")
Piston displacement	8290 cc (506 cu in)
Compression ratio	18 : 1
Rated net horse power (SAE J1349)	245 Hp (183 kW) at 2200 rpm
Rated gross horse power (SAE J1995)	250 Hp (186 kW) at 2200 rpm
Maximum torque	124 kgf · m (899 lbf · ft) at 1300 rpm
Engine oil quantity	26.5 ℓ (7.0 U.S. gal)
Wet weight	617 kg (1360 lb)
High idling speed	2457 ± 50 rpm
Low idling speed	850 ± 100 rpm
Rated fuel consumption	151 g/Hp · hr at 1400 rpm
Starting motor	24 V-7.2 kW
Alternator	24 V-90 A
Battery	2 × 12 V × 150 Ah

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 × 285 ℓ /min (75.3 U.S. gpm / 62.7 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	27.75 ℓ /min (7.3 U.S. gpm/7.1 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	Ø 140 × 1465 mm
	Cushion	Extend only
Arm cylinder	Bore dia × Stroke	Ø 150 × 1765 mm
	Cushion	Extend and retract
Bucket cylinder	Bore dia × Stroke	Ø 135 × 1185 mm
	Cushion	Extend only
Bucket cylinder (long reach)	Bore dia × Stroke	Ø 100 × 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.

8) SHOE

Item		Width	Ground pressure	Link quantity	Overall width
HX300S L	Standard	600 mm (24")	0.58 kgf/cm ² (8.27 psi)	48	3200 mm (10' 6")
	Option	700 mm (28")	0.51 kgf/cm ² (7.22 psi)	48	3300 mm (10' 10")
		800 mm (32")	0.45 kgf/cm ² (6.40 psi)	48	3400 mm (11' 1")
HX300S L LONG REACH	Standard	800 mm (32")	0.49 kgf/cm ² (6.96 psi)	48	3400 mm (11' 2")
HX300S L HIGH WALKER	Standard	600 mm (24")	0.63 kgf/cm ² (8.89 psi)	48	3470 mm (11' 5")
	Option	700 mm (28")	0.55 kgf/cm ² (7.76 psi)	48	3570 mm (11' 9")
		800 mm (32")	0.48 kgf/cm ² (6.87 psi)	48	3670 mm (12' 0")
		★ 700 mm (28")	0.56 kgf/cm ² (7.96 psi)	48	3580 mm (11' 9")

★ : Double grouser

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★ ¹	26.5 (7.0)	★SAE 0W-40									
			★SAE 0W-30									
			SAE 5W-30									
			SAE 10W-30									
			SAE 15W-40									
Swing drive	Gear oil	11 (2.91)	★SAE 75W-90									
Final drive		7.8×2 (2.1×2)	SAE 80W-90									
Hydraulic tank	Hydraulic oil	Tank : 190 (50) System : 330 (87)	★ISO VG 15									
			ISO VG 32									
			ISO VG 46, HBHO VG 46★ ³									
			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★ ²	27 (7.1)	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 : Meet or exceeds API CH-4 grade

★² : Soft water

City water or distilled water

★³ : HD Hyundai Construction Equipment
Bio Hydraulic Oil

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

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

※ Do not use any engine oil other than that specified above.

※ 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.