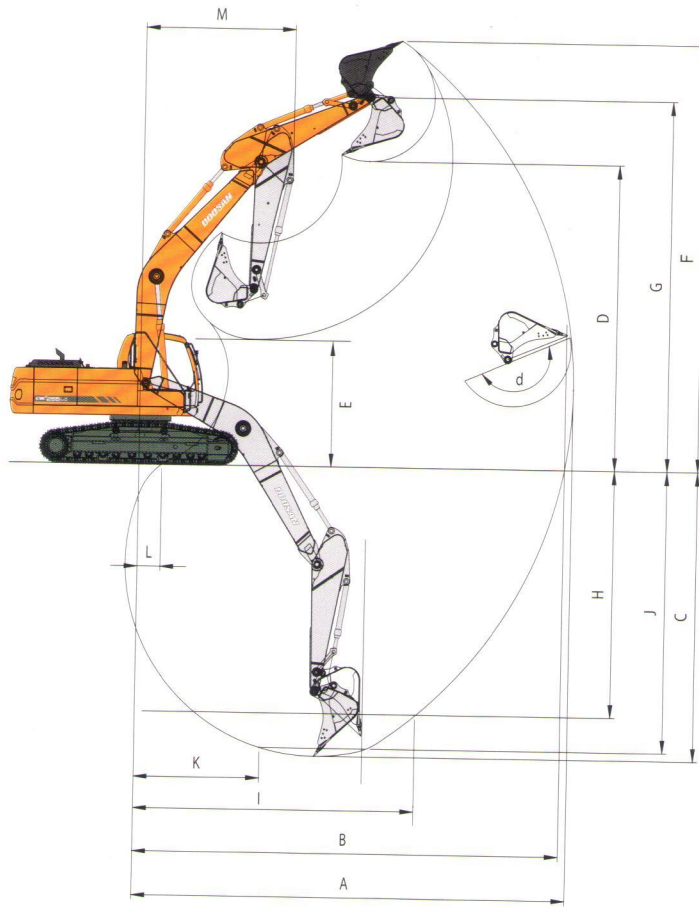


WORKING RANGES

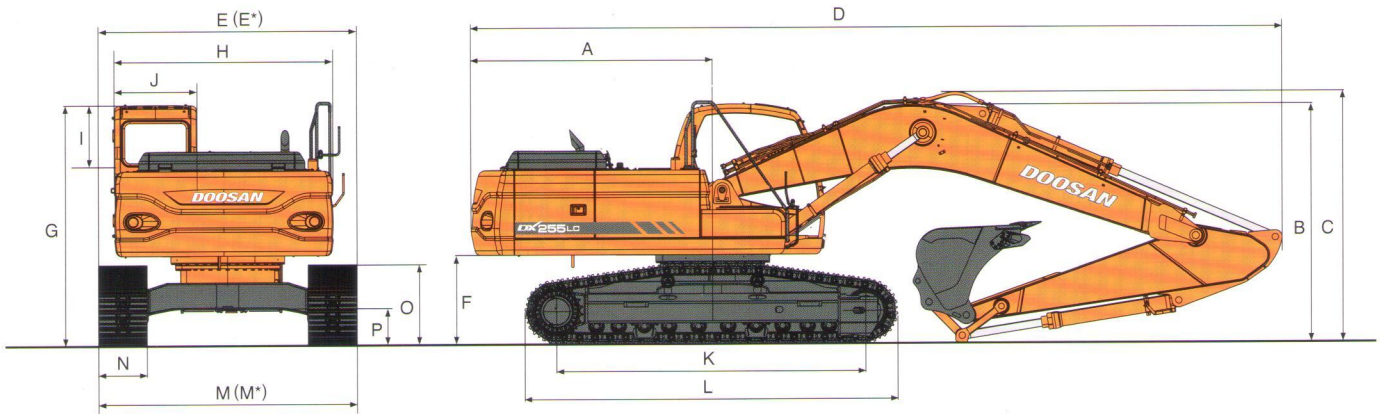
DX255LC



* WORKING RANGE

Boom length	5,900mm(19'4")			5,300mm(17'5")	
Arm type	2,500mm (8'2")	(Std.) 3,000mm (9'10")	3,500mm (11'6")	2,000mm (6'7")	2,500mm (8'2")
Bucket type (pcsa)	1.17m ³	(Std.) 1.1m ³	0.93m ³	1.4m ³ (HD)	1.28m ³ (HD)
A. Max. digging reach	9,710 (31'10")	10,195 (33'5")	10,665 (35')	8,700 (28'7")	9,070 (29'9")
B. Max. digging reach at ground level	9,515 (31'3")	10,010 (32'10")	10,488 (34'5")	8,481 (27'10")	8,859 (29'1")
C. Max. digging depth	6,315 (20'9")	6,815 (22'4")	7,315 (24')	5,380 (17'8")	5,880 (19'3")
D. Max. dumping height	6,645 (21'10")	6,925 (22'9")	7,160 (23'6")	5,990 (19'8")	6,010 (19'9")
E. Min. dumping height	3,030 (9'11")	2,530 (8'4")	2,010 (6'7")	3,055 (10')	2,513 (8'3")
F. Max. digging height	9,300 (30'6")	9,605 (31'6")	9,845 (32'4")	8,685 (28'6")	8,610 (28'3")
G. Max. bucket pin height	8,130 (26'8")	8,410 (27'7")	8,645 (28'4")	7,470 (24'6")	7,490 (24'7")
H. Max. vertical wall depth	4,595 (15'1")	5,225 (17'2")	5,690 (18'8")	4,015 (13'2")	4,035 (13'3")
I. Max. radius vertical	7,165 (23'6")	7,230 (23'9")	7,425 (24'4")	6,325 (20'9")	6,795 (22'4")
J. Max. digging depth(8'level)	6,100 (20')	6,630 (21'9")	7,148 (23'5")	5,140 (16'10")	5,630 (18'6")
k. Min. radius 8' line	2,950 (9'8")	2,995 (9'10")	3,035 (9'11")	2,553 (8'5")	2,470 (8'1")
L. Min. digging reach	685 (2'3")	600 (2')	-190 (-7")	1,810 (5'11")	445 (1'6")
M. Min. swing radius	3,885 (12'9")	3,845 (12'7")	3,865 (12'8")	3,510 (11'6")	3,580 (11'9")
d. Bucket angle (deg)	175°	175°	175°	175°	175°

DIMENSIONS



* DIMENSIONS

Boom 5,900 mm (19'4") - Arm 3,000 mm (9'10") - Shoe 600 mm (2') - Std

	5,900mm(19'4")		5,300mm(17'5")	
Boom type (One piece)				
Arm type	2,500mm (8'2")	(Std.) 3,000mm (9'10")	3,500mm (11'6")	2,000mm (6'7")
Bucket type (pcsa)	1.17m ³	(Std.) 1.1m ³	0.93m ³	1.4m ³ (HD)
A Tail Swing Radius	→	2,995mm (9'10")	←	←
B Shipping Height (Boom)	3,020mm (9'11")	2,960mm (9'9")	3,130mm (10'3")	3,260mm (10'8")
C Shipping Height (Hose)	3,180mm (10'5")	3,100mm (10'2")	3,290mm (10'10")	3,410mm (11'2")
D Shipping Length	10,100mm (33'1")	10,055mm (33')	10,080mm (33'1")	9,555mm (31'4")
E Shipping Width (Std.)	→	3,200mm (10'6")	←	←
E* Shipping Width (Narrow)	→	3,000mm (9'10")	←	←
F C/Weight Clearance	→	1,110mm (3'8")	←	←
G Height Over CAB.	→	2,970mm (9'9")	←	←
H House Width	→	2,710mm (8'11")	←	←
I CAB. Height above House	→	845mm (2'9")	←	←
J CAB. Width	→	1,010mm (3'4")	←	←
K Tumbler Distance	→	3,835mm (12'7")	←	←
L Track Length	→	4,625mm (15'2")	←	←
M Undercarriage Width (Std.)	→	3,200mm (10'6")	←	←
M* Undercarriage Width (Narrow)	→	3,000mm (9'10")	←	←
N Shoe Width	→	600mm (2')	←	←
O Track Height	→	995mm (3'3")	←	←
P Car Body Clearance	→	450mm (1'6")	←	←

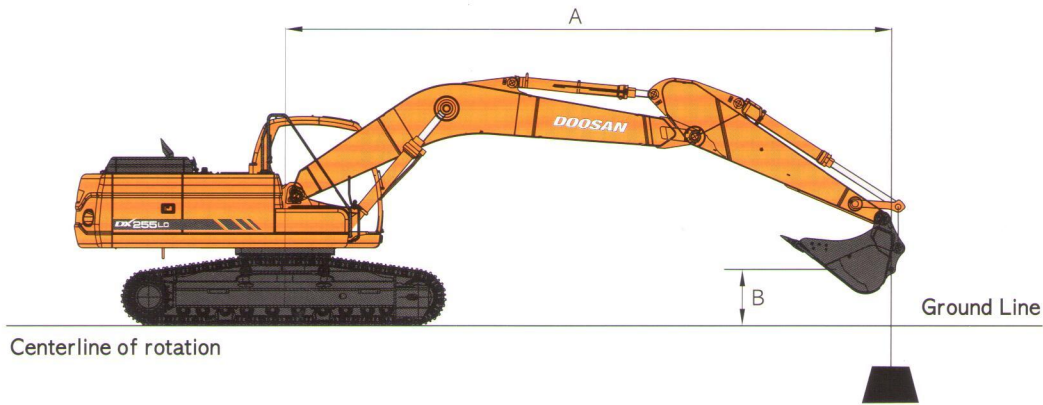
* DIGGING FORCE (ISO)

Bucket (PCSA)	0.51m ³	0.81m ³	(Std.) 1.1m ³	1.05m ³	1.17m ³	1.29m ³	1.40m ³
Digging force	18,600 kgf	18,600 kgf	18,400 kgf	18,600 kgf	18,600 kgf	18,600 kgf	18,400 kgf
	182.6 kN	182.6 kN	180.6 kN	182.6 kN	182.6 kN	182.6 kN	180.6 kN
	41,005 lbf	41,005 lbf	40,564 lbf	41,005 lbf	41,005 lbf	41,005 lbf	40,564 lbf
Arm	2,000mm	2,500mm	(Std.) 3,000mm	3,500mm			
	17,700 kgf	14,600 kgf	12,400 kgf	11,100 kgf			
	173.7 kN	143.3 kN	121.7 kN	109 kN			
Digging force	39,021 lbf	32,187 lbf	27,337 lbf	24,471 lbf			

At power boost (ISO)

LIFTING CAPACITY

DX255LC



STANDARD CONFIGURATION - Track width : 3,200mm(10'6") Std. track

Metric Boom : 5,900mm(19'4") Arm : 3,000mm(9'10") Bucket : SAE 1.1m³ (1.44yd³) CECE 0.95m³ (1.24yd³) Shoe : 600mm(2") Unit : 1,000kg

A(m)	2		3		4		5		6		7		8		Max. Reach		A(m)	
7												*4.50	*4.50			*3.78	*3.78	7.29
6												*5.10	5.03			*3.79	*3.79	7.90
5									*5.56	*5.56	*5.36	4.96	*4.97	3.95	*3.87	3.66	8.35	
4							*6.91	*6.91	*6.22	*6.22	*5.77	4.86	*5.48	3.90	*4.01	3.40	8.66	
3			*14.39	*14.39	*10.14	*10.14	*8.13	8.02	*6.98	6.04	*6.25	4.74	*5.78	3.83	*4.21	3.23	8.85	
2			*6.79	*6.79	*12.12	10.93	*9.33	7.73	*7.75	5.86	*6.76	4.63	5.71	3.75	*4.48	3.15	8.91	
1			*5.90	*5.90	*13.53	10.55	*10.32	7.48	*8.42	5.70	6.95	4.52	5.64	3.69	4.81	3.14	8.87	
O (Ground)	*3.58	*3.58	*7.22	*7.22	*14.27	10.35	*10.98	7.32	8.73	5.58	6.86	4.44	5.58	3.64	4.91	3.20	8.70	
-1	*6.23	*6.23	*9.35	*9.35	*14.46	10.27	*11.29	7.23	8.65	5.51	6.80	4.39	5.55	3.61	5.15	3.35	8.42	
-2	*8.80	*8.80	*12.04	*12.04	*14.20	10.27	*11.25	7.21	8.62	5.48	6.78	4.37			5.56	3.61	8.00	
-3	*11.63	*11.63	*15.40	*15.40	*13.51	10.33	*10.83	7.24	8.64	5.50	6.81	4.40			6.25	4.05	7.42	
-4	*14.97	*14.97	*15.66	*15.66	*12.31	10.46	*9.94	7.32	*8.10	5.57					*7.04	4.83	6.63	
-5			*13.01	*13.01	*10.36	*10.36	*8.30	7.48							*7.22	6.39	5.56	

Feet

Unit : 1,000lb

A(ft)	10'		15'		20'		25'		Max. Reach		A(ft)		
25											*8.42	*8.42	22.33
20									*9.84	9.57	*8.35	*8.35	25.76
15							*12.76	*12.76	*11.89	9.41	*8.65	7.79	27.89
10	*30.61	*30.61	*19.33	*19.33	*15.12	13.01	*13.04	9.14	*9.25	7.14	29.00		
5	*13.94	*13.94	*24.06	19.20	*17.55	12.43	13.51	8.85	*10.25	6.91	29.22		
O (Ground)	*16.48	*16.48	*26.88	18.50	18.78	12.02	13.26	8.63	10.83	7.05	28.56		
-5	*24.06	*24.06	*27.50	18.26	18.55	11.82	13.15	8.53	11.76	7.65	26.95		
-10	*34.96	*34.96	*26.08	18.35	18.59	11.85			13.88	9.00	24.22		
-15	*31.09	*31.09	*22.04	18.74					*15.79	12.27	19.89		

1. Ratings are based on SAE J1097
2. The load point is a hook located on the back of the bucket.
3. * Rated loads are based on hydraulic capacity.
4. Rated loads do not exceed 87% of hydraulic capacity or 75% of tipping capacity.

: Rating Over Front
 : Rating Over Side or 360 degree