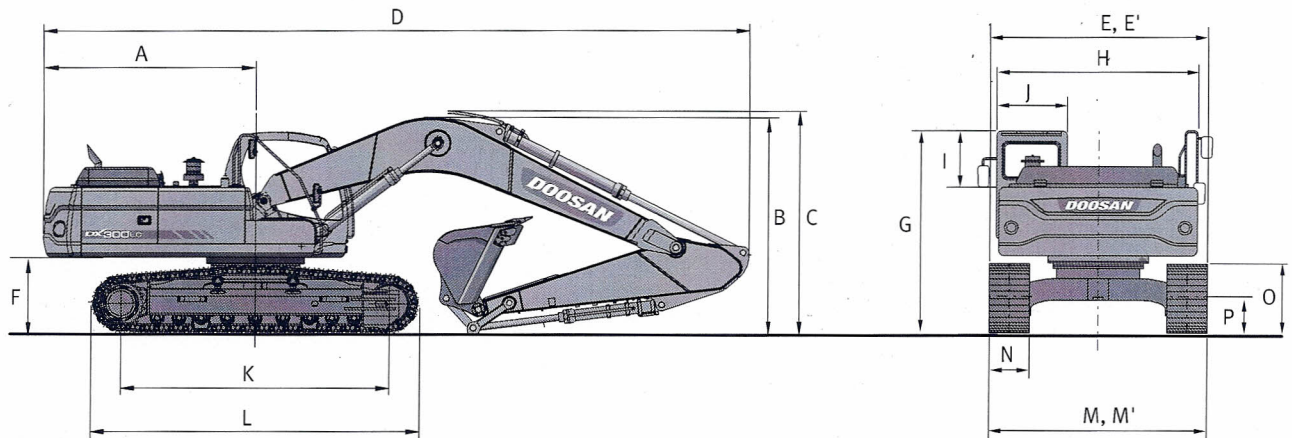


# Dimensions



## Dimensions

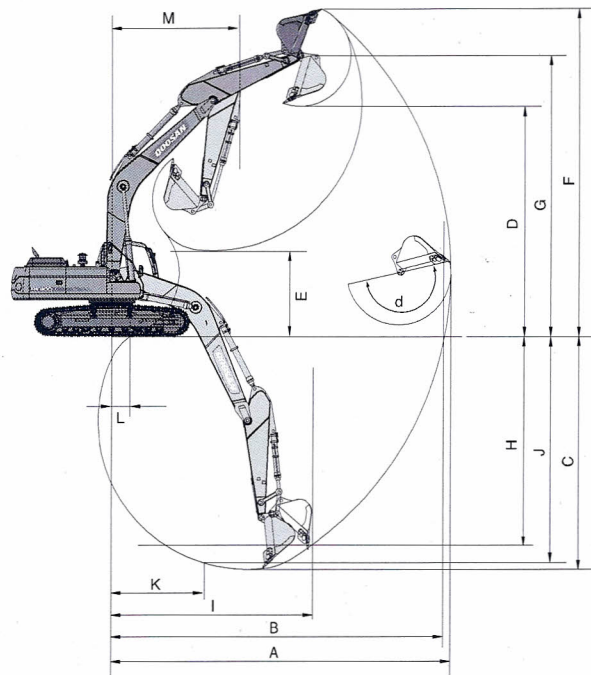
	One-piece boom				Two-piece boom				SLR
	6245				3250 LB + 3050 UB				
Boom length - mm									
Arm length - mm	2500	2850	3100	3750	2500	2850	3100	3750	7000
Bucket capacity - m <sup>3</sup>	1.51	1.27	1.27	1.03	1.51	1.27	1.27	1.03	0.64
A Tail swing radius - mm	3230	3230	3230	3230	3230	3230	3230	3230	3230
B Shipping height (boom) - mm	3385	3495	3265	3455	3455	3575	3465	3700	3365
C Shipping height (hose) - mm	3495	3615	3370	3575	3455	3575	3465	3700	3475
D Shipping length - mm	10750	10700	10570	10680	10790	10680	10660	10680	14320
E Shipping width std. - mm	3200	3200	3200	3200	3200	3200	3200	3200	3200
E' Shipping width narrow - mm	3000	3000	3000	3000	3000	3000	3000	3000	3000
F Counterweight clearance - mm	1150	1150	1150	1150	1150	1150	1150	1150	1155
G Height over cab - mm	3065	3065	3065	3065	3065	3065	3065	3065	3070
H House width - mm	2960	2960	2960	2960	2960	2960	2960	2960	2960
I Cab height above house - mm	845	845	845	845	845	845	845	845	845
J Cab width - mm	1010	1010	1010	1010	1010	1010	1010	1010	1010
K Tumbler distance - mm	4040	4040	4040	4040	4040	4040	4040	4040	4040
L Track length - mm	4940	4940	4940	4940	4940	4940	4940	4940	4940
M Undercarriage width std. - mm	3200	3200	3200	3200	3200	3200	3200	3200	3200
M' Undercarriage width narrow - mm	3000	3000	3000	3000	3000	3000	3000	3000	3000
N Shoe width std. - mm	600	600	600	600	600	600	600	600	800
O Track height - mm	1050	1050	1050	1050	1050	1050	1050	1050	1060
P Ground clearance - mm	500	500	500	500	500	500	500	500	505

## Digging forces (ISO)

	One-piece boom				Two-piece boom			SLR
	6245				3250 LB + 3050 UB			
Boom length - mm								
Arm length - mm	2500	3100	3750	2500	3100	3750	7000	
Bucket capacity - m <sup>3</sup>	1.51	1.27	1.03	1.51	1.27	1.03	0.64	
BUCKET (Normal/Press. Up) - ton	18.9 / 20.0	18.9 / 20.0	18.9 / 20.0	18.9 / 20.0	18.9 / 20.0	18.9 / 20.0	10.0 / 10.5	
ARM (Normal/Press. Up) - ton	16.0 / 17.0	13.2 / 13.9	11.7 / 12.4	16.0 / 17.0	13.2 / 13.9	11.7 / 12.4	7.1 / 7.5	



# Working range



## Working range

	One-piece boom 6245				Two-piece boom 3250 LB + 3050 UB				SLR
	2500	2850	3100	3750	2500	2850	3100	3750	10000
Boom length - mm									
Arm length - mm	2500	2850	3100	3750	2500	2850	3100	3750	7000
Bucket capacity - m <sup>3</sup>	1.51	1.27	1.27	1.03	1.51	1.27	1.27	1.03	0.64
A Max. digging reach - mm	10155	10415	10725	11240	11280	10555	10860	11415	17510
B Max. digging reach (ground) - mm	9950	10215	10530	11065	10075	10355	10670	11235	17390
C Max. digging depth - mm	6700	7055	7305	7950	6510	6720	7010	7605	13780
D Max. loading height - mm	6990	6995	7280	7395	8415	8575	8895	9255	11975
E Min. loading height - mm	3370	3010	2750	2110	4290	3960	3565	2950	2730
F Max. digging height - mm	10010	9980	10325	10405	11615	11760	12085	12450	14195
G Max. bucket pin height - mm	8585	8695	8880	8990	7970	10170	10495	10855	13290
H Max. vertical wall depth - mm	5395	5450	6125	6600	5915	6720	6650	7135	11590
I Max. radius vertical - mm	6840	7175	6840	7070	6360	6730	6330	6580	10900
J Max. digging depth (8° level) - mm	6465	6815	7110	7755	6295	6615	6905	7515	13395
K Min. radius 8° line - mm	2970	2905	3000	2920	1825	1865	1800	1820	4140
L Min. digging reach - mm	2015	1670	620	-280	1320	2140	1200	-1950	1160
M Min. swing radius - mm	4045	4070	4040	4050	3015	3205	2820	3015	6120
d Bucket angle - °	176	176	175	174	176	176	175	174	169

## Doosan Buckets

4 More. More choice - More durable - More strength - More performance!

General Construction Bucket



The General purpose bucket is designed for digging and re-handling soft to medium materials (e.g. materials with low wear characteristics such as top-soil, loam, coal).

Heavy Construction Bucket



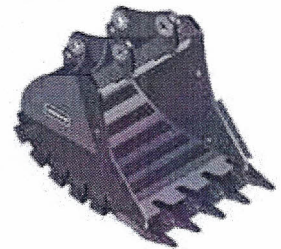
The Heavy duty bucket is designed for mass excavations in dense materials such as hard packed clay, shot limestone, limited rock content and gravel.

Severe Mining Bucket



The Severe duty bucket is designed for durability in digging compact materials like loose or blasted rock, hard packed clay and stone.

X-treme Mining Bucket



The X-treme duty bucket is designed as a long-life version of the Severe duty bucket for digging in the most abrasive materials.



# Lifting capacities

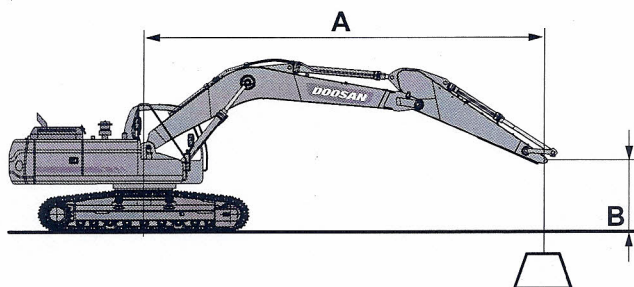
## DX300LC-5

Standard track width: 3200 mm • W/O Bucket

Unit: 1000 kg		A	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		Max. reach			
	B		☐	☒	☐	☒	☐	☒	☐	☒	☐	☒	☐	☒	☐	A		
One-piece boom 6.24 m Arm 2.5 m Shoe 600 mm Counterweight 5.3 t	7.5 m								7.37 *	7.37 *			7.56 *	7.48	6.54	5.42 *	7.27	
	6.0 m								7.70 *	7.70 *	7.57 *	5.92	7.59 *	5.83	7.56	5.17	8.19	
	4.5 m						10.87 *	10.87 *	8.77 *	8.17	7.87 *	5.81	7.75 *	5.03	8.19	4.53	8.77	
	3.0 m								13.95 *	11.65	10.17 *	7.74	8.53 *	5.61	7.28	4.64	8.50 *	9.07
	1.5 m								16.08 *	11.01	11.42 *	7.38	8.64	5.42	7.12	4.5	8.54	9.10
	0.0 m								16.73 *	10.8	11.88	7.17	8.5	5.29	7.34	4.61	8.31	8.89
	-1.5 m				12.50 *	12.50 *	16.43 *	10.81	11.82	7.11	8.48	5.27	8.05	5.03	7.79	4.47	8.40	8.40
	-3.0 m				20.76 *	20.76 *	15.24 *	10.97	11.51 *	7.21			9.66 *	6.01	6.90	5.18	7.59	7.59
	-4.5 m				16.89 *	16.89 *	12.51 *	11.35					10.00 *	8.56	5.47	6.82	6.32	6.32
One-piece boom 6.24 m Arm 3.1 m Shoe 600 mm Counterweight 5.3 t	7.5 m								6.87 *	6.87 *	6.78 *	6.03			5.42 *	5.42 *	7.27	
	6.0 m								8.00 *	8.00 *	7.27 *	5.87			5.21 *	5.17	8.19	
	4.5 m						9.55 *	9.55 *	8.00 *	7.27 *	5.87				5.22 *	4.53	8.77	
	3.0 m								12.64 *	11.98	9.47 *	7.86	8.02 *	5.65	5.96 *	4.26	5.41 *	9.07
	1.5 m								15.20 *	11.18	10.88 *	7.44	8.66	5.43	6.58	4.16	5.80 *	9.10
	0.0 m								16.45 *	10.8	11.87 *	7.17	8.48	5.27		4.16	8.89	8.89
	-1.5 m	8.59 *	8.59 *	12.25 *	12.25 *	16.60 *	10.71	11.76	7.05	8.4	5.2					7.15	4.47	8.40
	-3.0 m	13.97 *	13.97 *	18.94 *	18.94 *	15.84 *	10.81	11.79	7.08	8.47	5.26					8.34	5.18	7.59
	-4.5 m			19.23 *	19.23 *	13.86 *	11.09	10.21 *	7.31							9.44 *	6.82	6.32
One-piece boom 6.24 m Arm 3.75 m Shoe 600 mm Counterweight 5.3 t	7.5 m										5.63 *	5.63 *			4.48 *	4.48 *	7.91	
	6.0 m										6.00 *	6.00 *			4.36 *	4.36 *	8.78	
	4.5 m								7.09 *	7.09 *	6.58 *	5.94	5.68 *	4.39	4.39 *	4.12	9.32	
	3.0 m								11.15 *	11.15 *	8.62 *	7.97	7.41 *	5.69	6.71	4.27	4.56 *	9.59
	1.5 m								14.04 *	11.36	10.17 *	7.5	8.30 *	5.43	6.56	4.13	4.89 *	9.63
	0.0 m				8.55 *	8.55 *	15.83 *	10.8	11.37 *	7.15	8.45	5.23	6.45	4.03		5.44 *	3.77	9.43
	-1.5 m	8.52 *	8.52 *	12.24 *	12.24 *	16.48 *	10.59	11.67	6.97	8.32	5.11					6.34 *	4	8.97
	-3.0 m	12.58 *	12.58 *	17.17 *	17.17 *	16.18 *	10.6	11.64	6.94	8.31	5.1					7.31	4.53 *	8.21
	-4.5 m	17.53 *	17.53 *	21.18 *	21.18 *	14.82 *	10.8	11.06 *	7.06							8.96 *	5.68	7.06
-6.0 m			16.32 *	16.32 *	11.55 *	11.26									9.60 *	8.97	5.26	

Narrow track width: 3000 mm • W/O Bucket

Unit: 1000 kg		A	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		Max. reach			
	B		☐	☒	☐	☒	☐	☒	☐	☒	☐	☒	☐	☒	☐	A		
One-piece boom 6.24 m Arm 2.5 m Shoe 600 mm Counterweight 5.3 t	7.5 m								7.37 *	7.37 *					7.56 *	7.47	6.54	
	6.0 m								7.70 *	7.70 *	7.57 *	5.91			7.59 *	5.82	7.56	
	4.5 m						10.87 *	10.87 *	8.77 *	8.16	7.87 *	5.79			7.75 *	5.02	8.19	
	3.0 m								13.95 *	11.63	10.17 *	7.73	8.53 *	5.59	7.26	4.62	8.50	
	1.5 m								16.08 *	10.98	11.42 *	7.36	8.62	5.41		7.1	4.49	8.54
	0.0 m								16.73 *	10.78	11.85	7.15	8.48	5.28		7.32	4.6	8.31
	-1.5 m				12.50 *	12.50 *	16.43 *	10.78	11.78	7.1	8.46	5.26				8.03	5.02	7.79
	-3.0 m				20.76 *	20.76 *	15.24 *	10.95	11.51 *	7.19						9.66 *	5.99	6.90
	-4.5 m				16.89 *	16.89 *	12.51 *	11.32								10.00 *	8.54	5.47
One-piece boom 6.24 m Arm 3.1 m Shoe 600 mm Counterweight 5.3 t	7.5 m														5.42 *	5.42 *	7.27	
	6.0 m								6.87 *	6.87 *	6.78 *	6.02			5.21 *	5.16	8.19	
	4.5 m						9.55 *	9.55 *	8.00 *	8.00 *	7.27 *	5.86			5.22 *	4.52	8.77	
	3.0 m								12.64 *	11.95	9.47 *	7.84	8.02 *	5.64	5.96 *	4.24	5.41 *	9.07
	1.5 m								15.20 *	11.15	10.88 *	7.43	8.64	5.42	6.56	4.15	5.80 *	9.10
	0.0 m								16.45 *	10.78	11.86	7.15	8.46	5.25		6.46 *	4.15	8.89
	-1.5 m	8.59 *	8.59 *	12.25 *	12.25 *	16.60 *	10.69	11.72	7.04	8.38	5.18					7.13	4.46	8.40
	-3.0 m	13.97 *	13.97 *	18.94 *	18.94 *	15.84 *	10.78	11.76	7.07	8.44	5.24					8.31	5.17	7.59
	-4.5 m			19.23 *	19.23 *	13.86 *	11.06	10.21 *	7.29							9.44 *	6.81	6.32



☐ : Rating over front.  
☒ : Rating over side or 360°.

- Lifting capacities are in compliance with ISO 10567:2007(E).
- The load point is at the end of the arm.
- \* = The nominal loads are based on hydraulic capacity.
- The nominal loads shown do not exceed 75% of tipping loads or 87% of hydraulic lifting capacity.
- For lifting capacity with bucket, simply subtract the actual weight of the bucket from the values.
- The configurations indicated do not necessarily reflect the standard equipment of the machine.