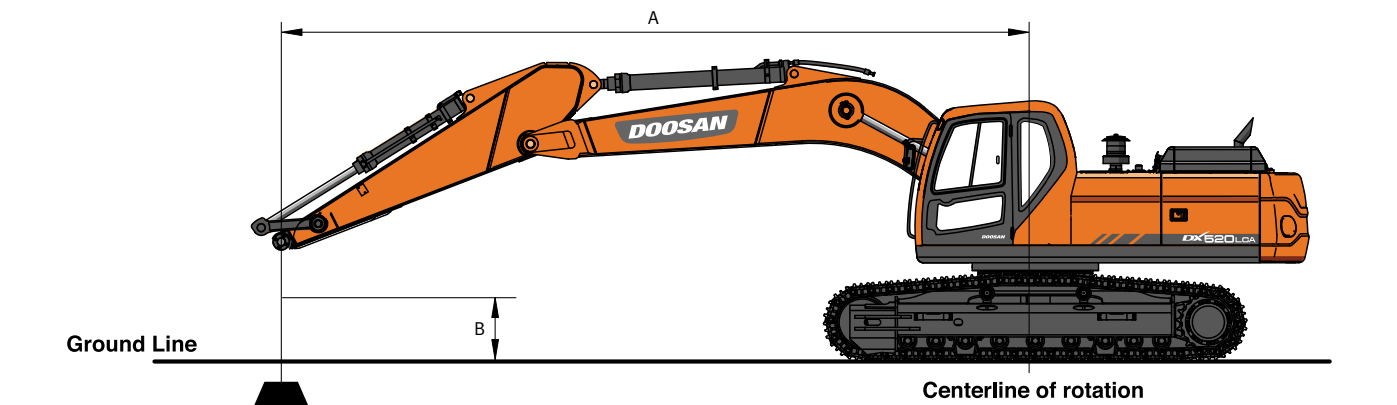


# LIFTING CAPACITY



## DX480LCA-K [STANDARD]

Boom : 7,100 mm Arm : 2,900 mm Without bucket Counterweight : 8,500 kg Unit : 1,000kg

A(m) B(m)	3		4.5		6		7.5		9		Max. Reach		A(m)
9											11.84 *	11.84 *	7.35
7.5							11.75 *	11.75 *			11.15 *	9.65	8.48
6					14.15 *	14.15 *	12.35 *	11.7	11.43 *	8.61	10.95 *	8.23	9.22
4.5					16.21 *	15.85	13.36 *	11.24	11.63	8.42	10.31	7.45	9.68
3					18.21 *	14.89	14.43 *	10.74	11.37	8.17	9.81	7.05	9.88
1.5					19.47 *	14.23	14.64	10.34	11.13	7.95	9.72	6.96	9.85
0			18.98 *	18.98 *	19.71 *	13.91	14.37	10.09	10.98	7.81	10.04	7.17	9.58
-1.5			24.29 *	22.1	18.98 *	13.86	14.3	10.02	11	7.83	10.9	7.76	9.06
-3	26.21 *	26.21 *	21.58 *	21.58 *	17.17 *	14.02	13.48 *	10.15			11.59 *	9	8.23
-4.5	20.49 *	20.49 *	17.20 *	17.20 *	13.63 *	13.63 *					10.84 *	10.84 *	6.98

1. Load point is the end of the arm.

2. Capacities marked with an asterisk (\*) are limited by hydraulic capacities.

3. Lift capacities shown do not exceed 75 % of minimun tipping loads or 87 % of hydraulic capacities.

4. The least stable position is over the side.

5. Lift capacities apply only to the machine as originally manufactured and normally equipped by the manufacturer.

6. The total mass of machine is 47,220 kg included in this mass Boom 7.1 m, Arm 2.9 m, 8,500 kg Coutnerweight, 2 kg Bucket, all operating fluids and a 75 kg operator.

7. Lift capacities are in compliance with iso 10567.
- : Rating Over Front: Rating Over Side or 360 Degree

## DX480LCA-K [OPTION 1]

Boom : 7,100 mm Arm : 3,350 mm Without bucket Counterweight : 8,500 kg Unit : 1,000kg

A(m) B(m)	3		4.5		6		7.5		9		Max. Reach		A(m)
9							11.02 *	11.02 *			8.61 *	8.61 *	7.88
7.5							11.00 *	11.00 *			8.16 *	8.16 *	8.94
6							11.69 *	11.69 *	10.81 *	8.66	8.03 *	7.62	9.65
4.5			20.58 *	20.58 *	15.35 *	15.35 *	12.77 *	11.29	11.29 *	8.42	8.14 *	6.93	10.09
3			22.23 *	22.23 *	17.48 *	15	13.93 *	10.75	11.34	8.14	8.47 *	6.57	10.28
1.5			17.23 *	17.23 *	18.99 *	14.24	14.61	10.3	11.07	7.88	9.05 *	6.47	10.25
0			21.54 *	21.54 *	19.55 *	13.81	14.28	10	10.88	7.7	9.34	6.64	10.00
-1.5	17.28 *	17.28 *	25.05 *	21.78	19.13 *	13.68	14.15	9.87	10.82	7.65	10.05	7.13	9.50
-3	26.55 *	26.55 *	22.65 *	22.06	17.69 *	13.78	13.95 *	9.94			11.16 *	8.13	8.71
-4.5	23.56 *	23.56 *	18.78 *	18.78 *	14.80 *	14.13	10.91 *	10.29			10.75 *	10.21	7.55

1. Load point is the end of the arm.

2. Capacities marked with an asterisk (\*) are limited by hydraulic capacities.

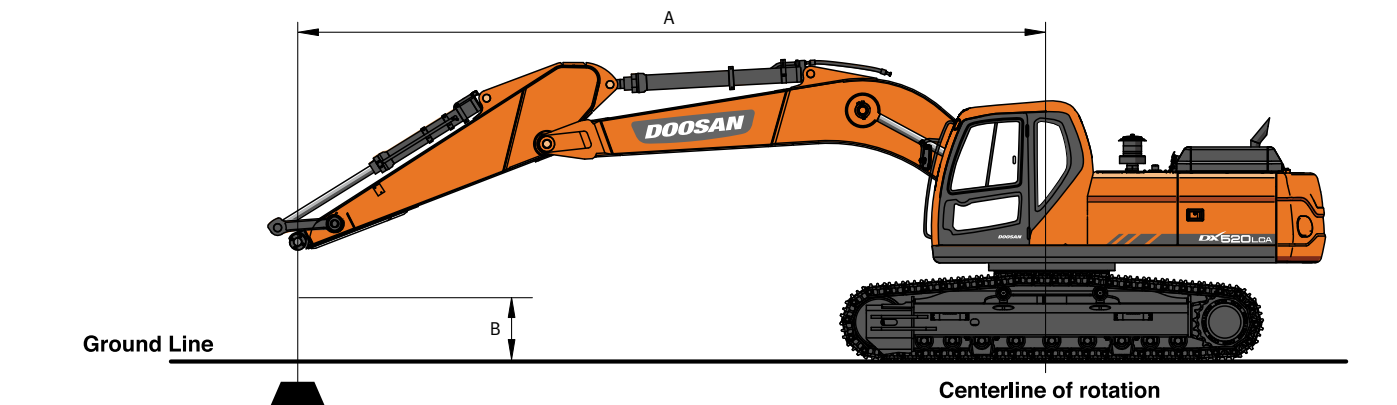
3. Lift capacities shown do not exceed 75 % of minimun tipping loads or 87 % of hydraulic capacities.

4. The least stable position is over the side.

5. Lift capacities apply only to the machine as originally manufactured and normally equipped by the manufacturer.

6. The total mass of machine is 47,419 kg included in this mass Boom 7.1 m, Arm 3.35 m, 8,500 kg Coutnerweight, 2 kg Bucket, all operating fluids and a 75 kg operator.

7. Lift capacities are in compliance with iso 10567.
- : Rating Over Front: Rating Over Side or 360 Degree



## DX480LCA-K [OPTION 2]

Boom : 7,100 mm Arm : 3,980 mm Without bucket Counterweight : 8,500 kg Unit : 1,000kg

A(m) B(m)	1.5		3		4.5		6		7.5		9		10.5		Max. Reach		A(m)
9															7.28 *	7.28 *	8.59
7.5											9.93 *	9.05			6.96 *	6.96 *	9.57
6									10.97 *	10.97 *	10.21 *	8.9			6.88 *	6.88 *	10.23
4.5							14.34 *	14.34 *	12.13 *	11.58	10.81 *	8.63	8.30 *	6.63	6.99 *	6.46	10.64
3					23.21 *	23.21 *	16.65 *	15.43	13.41 *	11	11.52 *	8.31	9	6.48	7.26 *	6.14	10.83
1.5					22.71 *	22.56	18.49 *	14.54	14.52 *	10.49	11.2	8.01	8.84	6.33	7.74 *	6.05	10.80
0					23.39 *	21.9	19.46 *	13.99	14.41	10.12	10.96	7.78	8.73	6.22	8.50 *	6.17	10.56
-1.5	13.30 *	13.30 *	16.97 *	16.97 *	26.03 *	21.75	19.46 *	13.74	14.2	9.92	10.83	7.66			9.21	6.55	10.09
-3	19.30 *	19.30 *	24.09 *	24.09 *	24.16 *	21.91	18.49 *	13.74	14.18	9.9	10.87	7.7			10.33	7.33	9.35
-4.5			27.73 *	27.73 *	20.93 *	20.93 *	16.28 *	13.97	12.63 *	10.1					10.68 *	8.86	8.28
-6					15.56 *	15.56 *	11.86 *	11.86 *							9.89 *	9.89 *	6.70

1. Load point is the end of the arm.

2. Capacities marked with an asterisk (\*) are limited by hydraulic capacities.

3. Lift capacities shown do not exceed 75 % of minimun tipping loads or 87 % of hydraulic capacities.

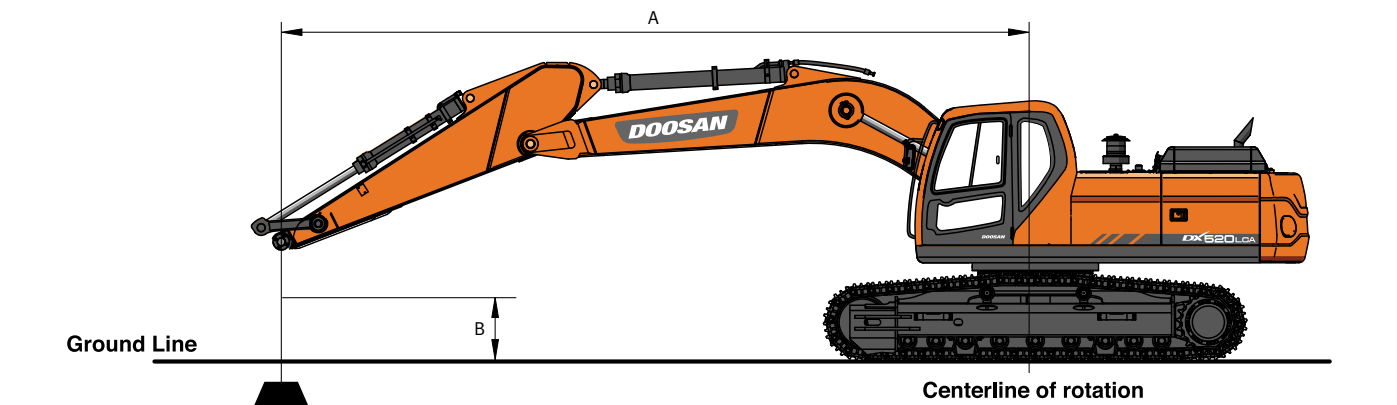
4. The least stable position is over the side.

5. Lift capacities apply only to the machine as originally manufactured and normally equipped by the manufacturer.

6. The total mass of machine is 47,393 kg included in this mass Boom 7.1 m, Arm 3.98 m, 8,500 kg Coutnerweight, 2 kg Bucket, all operating fluids and a 75 kg operator.

7. Lift capacities are in compliance with iso 10567.
- : Rating Over Front: Rating Over Side or 360 Degree

# LIFTING CAPACITY



## DX520LCA-K [STANDARD]

Boom : 6,300 mm Arm : 2,900 mm Without bucket Counterweight : 11,100 kg Unit : 1,000kg

A(m) B(m)	3		4.5		6		7.5		Max. Reach		A(m)
7.5									12.71 *	12.71 *	7.34
6							13.05 *	13.05 *	12.53 *	11.73	8.19
4.5			20.79 *	20.79 *	16.17 *	16.17 *	13.87 *	13.24	12.84 *	10.47	8.70
3					18.28 *	17.91	14.90 *	12.84	13.06 *	9.88	8.93
1.5					19.84 *	17.25	15.74 *	12.48	13.25	9.76	8.89
0			27.58 *	26.46	20.38 *	16.88	16.01 *	12.25	13.66 *	10.14	8.60
-1.5	25.53 *	25.53 *	25.98 *	25.98 *	19.69	16.78	15.30 *	12.2	13.94 *	11.17	8.01
-3	29.63 *	29.63 *	22.69 *	22.69 *	17.37 *	16.96			13.99 *	13.49	7.05
-4.5			16.52 *	16.52 *					13.06 *	13.06 *	5.53

1. Load point is the end of the arm.

2. Capacities marked with an asterisk (\*) are limited by hydraulic capacities.

3. Lift capacities shown do not exceed 75 % of minimun tipping loads or 87 % of hydraulic capacities.

4. The least stable position is over the side.

5. Lift capacities apply only to the machine as originally manufactured and normally equipped by the manufacturer.

6. The total mass of machine is 49,448 kg included in this mass Boom 6.3 m, Arm 2.9 m, 11,100 kg Coutnerweight, 2 kg Bucket, all operating fluids and a 75 kg operator.

7. Lift capacities are in compliance with iso 10567..
- : Rating Over Front

: Rating Over Side or 360 Degree

## DX520LCA-K [OPTION 1]

Boom : 7,100 mm Arm : 2,900 mm Without bucket Counterweight : 11,100 kg Unit : 1,000kg

A(m) B(m)	3		4.5		6		7.5		Max. Reach		A(m)
7.5									14.14 *	14.14 *	6.82
6					15.27 *	15.27 *	13.90 *	13.44	13.82 *	12.78	7.73
4.5					17.05 *	17.05 *	14.52 *	13.15	13.80 *	11.29	8.27
3					18.96 *	17.72	15.39 *	12.77	13.94 *	10.6	8.51
1.5					20.21 *	17.14	16.02 *	12.46	14.17 *	10.49	8.47
0			27.05 *	26.46	20.36 *	16.86	15.99 *	12.29	14.41 *	10.96	8.16
-1.5			24.89 *	24.89 *	19.20 *	16.86	14.68 *	12.34	14.56 *	12.26	7.54
-3	25.88 *	25.88 *	20.96 *	20.96 *	16.07 *	16.07 *			14.27 *	14.27 *	6.51

1. Load point is the end of the arm.

2. Capacities marked with an asterisk (\*) are limited by hydraulic capacities.

3. Lift capacities shown do not exceed 75 % of minimun tipping loads or 87 % of hydraulic capacities.

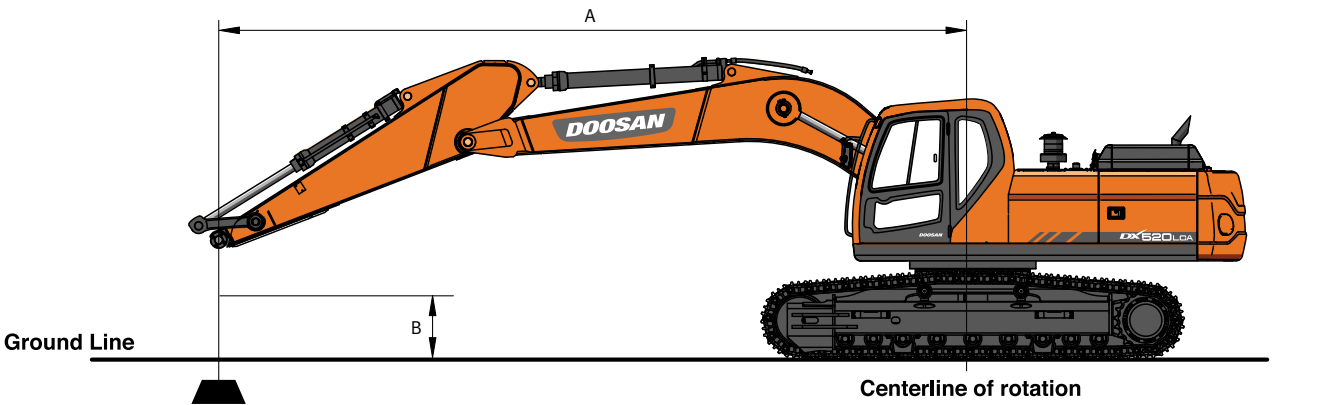
4. The least stable position is over the side.

5. Lift capacities apply only to the machine as originally manufactured and normally equipped by the manufacturer.

6. The total mass of machine is 49,820 kg included in this mass boom 7.1 m, arm 2.9 m, 11,100 kg coutnerweight, 2 kg bucket, all operating fluids and a 75 kg operator.

7. Lift capacities are in compliance with iso 10567.
- : Rating Over Front

: Rating Over Side or 360 Degree



## DX520LCA-K [OPTION 2]

Boom : 11,000 mm Arm : 8,000 mm Without bucket Counterweight : 11,100 kg Unit : 1,000kg

A(m) B(m)	1.5		3		4.5		6		7.5		9		10.5	
12														
10.5														
9														
7.5														
6														
4.5														
3					12.77 *	12.77 *	12.23 *	12,3 *	9.44 *	9.44 *	7.79 *	7.79 *	6.71 *	6.71 *
1.5					8.45 *	8.45 *	14.10 *	14.10 *	10.66 *	10.66 *	8.63 *	8.49	7.31 *	6.82
0			5.29 *	5.29 *	8.29 *	8.29 *	14.50 *	13.54	11.63 *	10.07	9.35 *	7.9	7.84 *	6.39
-1.5	6.19 *	6.19 *	6.85 *	6.85 *	9.19 *	9.19 *	13.93 *	12.88	12.30 *	9.51	9.89 *	7.46	8.27 *	6.05
-3	7.63 *	7.63 *	8.43 *	8.43 *	10.53 *	10.53 *	14.65 *	12.56	12.66 *	9.16	10.25 *	7.15	8.44	5.8
-4.5	9.12 *	9.12 *	10.07 *	10.07 *	12.16 *	12.16 *	16.07 *	12.46	12.76 *	8.99	10.29	6.98	8.27	5.64
-6	10.70 *	10.70 *	11.83 *	11.83 *	14.04 *	14.04 *	15.83 *	12.52	12.60 *	8.96	10.22	6.91	8.2	5.57
-7.5	12.39 *	12.39 *	13.76 *	13.76 *	16.21 *	16.21 *	12.7	12.17 *	12.17 *	9.04	10.07 *	6.94	8.22	5.59
-9	14.24 *	14.24 *	15.92 *	15.92 *	18.01 *	18.01 *	13	11.44 *	11.44 *	9.23	9.53 *	7.07	8.05 *	5.69
-10.5	16.31 *	16.31 *	18.41 *	18.41 *	15.83 *	15.83 *	12.56 *	10.32 *	10.32 *	9.53	8.62 *	7.31	7.25 *	5.89
-12			16.96 *	16.96 *	12.89 *	12.89 *	10.44 *	8.64 *	8.64 *	8.64 *	7.17 *	7.17 *	5.82 *	5.82 *
-13.5								5.99 *	5.99 *	5.99 *				

A(m) B(m)	12		13.5		15		16.5		18		Max. Reach		A(m)
12					3.41 *	3.41 *					2.80 *	2.80 *	15.39
10.5					4.15 *	4.15 *					2.74 *	2.74 *	16.23
9					4.22 *	4.22 *	3.45 *	3.45 *			2.73 *	2.73 *	16.90
7.5					4.36 *	4.36 *	4.26 *	3.72			2.74 *	2.74 *	17.42
6			4.78 *	4.78 *	4.54 *	4.41	4.37 *	3.62			2.78 *	2.78 *	17.79
4.5	5.51 *	5.51 *	5.08 *	5.08 *	4.76 *	4.24	4.52 *	3.5	2.91 *	2.89	2.85 *	2.85 *	18.02
3	5.96 *	5.93	5.41 *	4.88	4.99 *	4.05	4.68 *	3.38	3.30 *	2.81	2.95 *	2.77	18.13
1.5	6.39 *	5.58	5.73 *	4.62	5.23 *	3.87	4.69	3.25	3.42 *	2.73	3.09 *	2.7	18.12
0	6.79 *	5.26	6.02 *	4.39	5.33	3.7	4.57	3.13			3.27 *	2.67	17.98
-1.5	7.12 *	5.01	6.07	4.2	5.18	3.56	4.47	3.04			3.51 *	2.69	17.70
-3	7	4.81	5.92	4.05	5.07	3.45	4.41	2.97			3.82 *	2.76	17.30
-4.5	6.86	4.68	5.82	3.96	5.01	3.39	4.38	2.95			4.23 *	2.89	16.74
-6	6.8	4.62	5.78	3.92	5	3.38					4.58	3.09	16.03
-7.5	6.82	4.64	5.81	3.95	5.06	3.44					5.01	3.41	15.13
-9	6.86 *	4.73	5.79 *	4.06							5.41 *	3.88	14.03
-10.5	6.03 *	4.94									5.50 *	4.64	12.64
-12											5.48 *	5.48 *	10.86
-13.5											5.11 *	5.11 *	8.46

1. Load point is the end of the arm.

2. Capacities marked with an asterisk (\*) are limited by hydraulic capacities.

3. Lift capacities shown do not exceed 75 % of minimun tipping loads or 87 % of hydraulic capacities.

4. The least stable position is over the side.

5. Lift capacities apply only to the machine as originally manufactured and normally equipped by the manufacturer.

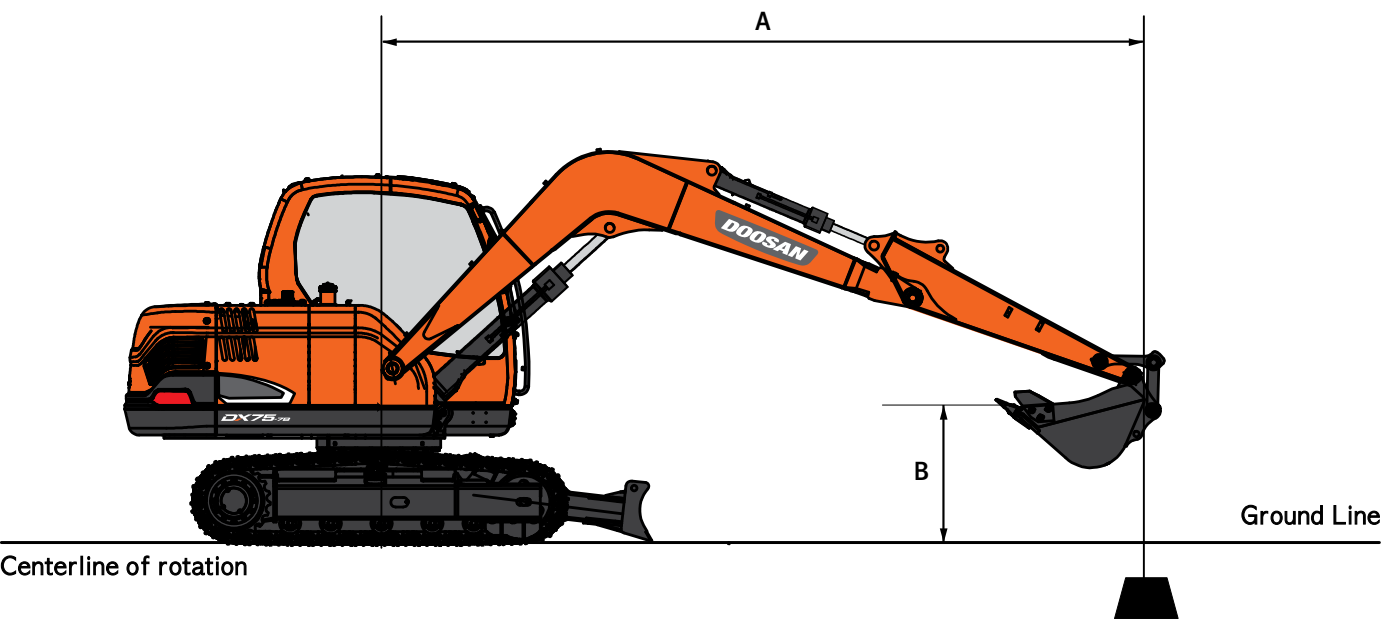
6. The total mass of machine is 50,972 kg included in this mass Boom 11 m. Arm 8 m. 11.100 kg Coutnerweight. 2 kg Bucket. all operating fluids and a 75 kg operator.

7. Lift capacities are in compliance with iso 10567.
- : Rating Over Front

: Rating Over Side or 360 Degree



# LIFTING CAPACITY



## WEIGHT

TRACK WIDTH : 2.1 m (7' 2") STD TRACK BOOM :3.620 m (11'9") ARM : 1.670 m (5' 6") BUCKET : SAE 0.3 m3 HEAPED SHOE : 450 mm (17.7")

B(m)	A(m)	2	3	4	5	2	3	4	5	Max. Reach		A(m)
5				1.26 *	1.26 *					1.20 *	1.20 *	3.78
4				1.36 *	1.36 *	1.30 *	1.30 *			1.09 *	1.09 *	4.56
3	2.44 *	2.44 *		1.73 *	1.73 *	1.44 *	1.44 *			1.08 *	0.97	5.02
2				2.24 *	2.24 *	1.66	1.43			1.01	0.87	5.25
1				2.55	2.14	1.59	1.36	1.13	0.97	0.99	0.84	5.28
0				2.47	2.06	1.55	1.32	1.12	0.96	1.03	0.88	5.11
-1	3.95 *	3.95 *		2.45	2.05	1.53	1.30	1.09	0.93	1.17	1.00	4.72
-2	3.37 *	3.37 *		2.35 *	2.07	1.55	1.32	1.07	0.91	1.52	1.30	4.04
-3										1.44 *	1.44 *	2.89

1. LOAD POINT IS THE END OF THE ARM.

2. CAPACITIES MARKED WITH AN ASTERISK (\*) ARE LIMITED BY HYDRAULIC CAPACITIES.

3. LIFT CAPACITIES SHOWN DO NOT EXCEED 75 % OF MINIMUM TIPPING LOADS OR 87 % OF HYDRAULIC CAPACITIES.

4. THE LEAST STABLE POSITION IS OVER THE SIDE.

5. THE TOTAL MASS OF MACHINE IS 7200 kg INCLUDED IN THIS MASS BOOM 3.62 m, ARM 1.67 m, 632 kg COUTNERWEIGHT,  
BUCKET WEIGHT 0 kg, ALL OPERATING FLUIDS AND A 75 kg OPERATOR.

6. LIFT CAPACITIES ARE IN COMPLIANCE WIHT ISO 10567.
- : RATING OVER FRONT

: RATING OVER SIDE OR 360 degree

## WITHOUT DOZER

TRACK WIDTH : 2.1 m (7' 2") STD TRACK BOOM :3.620 m (11'9") ARM : 1.670 m (5' 6") BUCKET : SAE 0.3 m3 HEAPED SHOE : 450 mm (17.7")

B(m)	A(m)	1	2	3	4	5	Max. Reach		A(m)
5				1.26 *	1.26 *		1.20 *	1.20 *	3.78
4				1.36 *	1.36 *	1.30 *	1.09 *	1.09 *	4.56
3			2.44 *	2.44 *	11.73 *	1.73 *	1.44 *	1.44 *	5.02
2					2.24 *	2.24 *	1.66	1.43	5.25
1					2.55	2.14	1.59	1.36	5.28
0					2.47	2.06	1.55	1.32	5.11
-1	3.10 *	3.10 *	3.95 *	3.95 *	2.45	2.05	1.53	1.30	4.72
-2	5.03 *	5.03 *	3.37 *	3.37 *	2.35 *	2.07	1.55	1.32	4.04
-3									2.89

1. LOAD POINT IS THE END OF THE ARM.

2. CAPACITIES MARKED WITH AN ASTERISK (\*) ARE LIMITED BY HYDRAULIC CAPACITIES.

3. LIFT CAPACITIES SHOWN DO NOT EXCEED 75 % OF MINIMUM TIPPING LOADS OR 87 % OF HYDRAULIC CAPACITIES.

4. THE LEAST STABLE POSITION IS OVER THE SIDE.

5. THE TOTAL MASS OF MACHINE IS 7200 kg INCLUDED IN THIS MASS BOOM 3.62 m, ARM 1.67 m, 631.2 kg COUTNERWEIGHT,  
BUCKET WEIGHT 273 kg, ALL OPERATING FLUIDS AND A 75 kg OPERATOR.

6. LIFT CAPACITIES ARE IN COMPLIANCE WIHT ISO 10567.
- : RATING OVER FRONT

: RATING OVER SIDE OR 360 degree



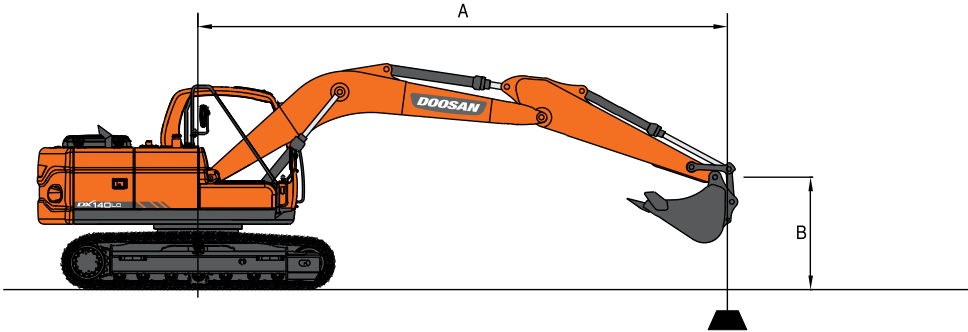
DOOSAN DX75-7B HYDRAULIC EXCAVATOR :  
A NEW MODEL WITH ADVANCED FEATURES





# LIFTING CAPACITY

[ One-piece Boom ]



**Metric**  
Boom : 4,600mm(15'1")    Arm : 2,500mm(8'2")    Bucket : SAE/PCSA 0.51m³(0.67yd³)    Shoe : 600mm(2')  
Unit : 1,000kg

A(m)	2		3		4		5		6		Max. Reach		A(m)
B(m)													A(m)
7					*3.73	*3.73					*2.88	*2.88	4.24
6					*3.39	*3.39	*3.59	2.92			*2.45	*2.45	5.32
5					*3.61	*3.61	*3.72	2.94	*2.57	2.11	*2.25	*2.25	6.04
4			*4.25	*4.25	*4.31	4.22	*4.05	2.92	3.42	2.13	*2.17	1.81	6.53
3					*5.38	4.11	*4.61	2.87	3.40	2.11	*2.16	1.66	6.83
2					*6.57	3.99	4.55	2.80	3.37	2.08	*2.20	1.59	6.98
1						3.88	4.48	2.75	3.33	2.05	*2.29	1.58	6.97
0 (Ground)					6.45	3.82	4.44	2.70	3.31	2.03	*2.45	1.64	6.82
-1			*6.07	6.04	6.42	3.79	4.41	2.68	3.30	2.02	*2.71	1.77	6.51
-2	*5.42	*5.42	*9.89	6.08	6.43	3.80	4.42	2.69	3.31	2.03	*3.13	2.03	6.01
-3	*9.35	*9.35	*9.47	6.15	6.47	3.84	4.46	2.72			4.15	2.54	5.24
-4			*7.27	6.27	*5.01	3.94					*4.55	3.74	4.14

**Feet**  
Unit : 1,000lb

A(ft)	10'		15'		20'		Max. Reach		A(ft)
B(ft)									A(ft)
25							*7.75	*7.75	10.61
20			*8.03	7.52			*5.46	*5.46	17.17
15			*8.44	7.52	*7.07	4.55	*4.87	4.29	20.58
10			*10.67	7.32	7.30	4.53	*4.75	3.67	22.38
5			11.56	7.04	7.20	4.44	*4.92	3.48	22.94
0 (Ground)			11.33	6.84	7.11	4.35	*5.41	3.61	22.38
-5	*17.99	13.00	11.27	6.79	7.09	4.34	7.01	4.29	20.14
-10	*20.42	13.19	11.37	6.88			9.23	5.66	17.10

**Metric**  
Boom : 4,600mm(15'1")    Arm : 3,000mm(9'10")    Bucket : SAE/PCSA 0.51m³(0.67yd³)    Shoe : 600mm(2')  
Unit : 1,000kg

A(m)	2		3		4		5		6		7		Max. Reach		A(m)
B(m)															A(m)
7							*3.18	3.06					*2.44	*2.44	4.93
6							*3.24	3.06	*3.20	2.24			*2.09	1.90	5.88
5													*2.09	1.90	6.54
4					*3.61	*3.61	*3.62	3.03	3.53	2.23			*2.06	1.69	6.99
3			*5.76	*5.76	*4.74	4.24	*4.21	2.97	3.50	2.20	2.70	1.68	*2.08	1.56	7.28
2					*5.99	4.10	4.64	2.89	3.45	2.16	2.68	1.67	*2.14	1.50	7.41
1					6.61	3.96	4.56	2.82	3.41	2.12	2.66	1.65	*2.25	1.49	7.41
0 (Ground)			*5.12	*5.12	6.51	3.87	4.50	2.76	3.37	2.09	2.64	1.63	*2.43	1.53	7.27
-1			*6.60	6.04	6.45	3.82	4.46	2.73	3.35	2.07			2.65	1.63	6.98
-2	*5.23	*5.23	*9.26	6.05	6.44	3.82	4.45	2.72	3.35	2.06			2.95	1.83	6.52
-3	*8.09	*8.09	*10.28	6.11	6.47	3.84	4.47	2.74					3.51	2.18	5.85
-4	*12.22	*12.22	*8.69	6.21	*6.48	3.91							*4.70	2.91	4.88

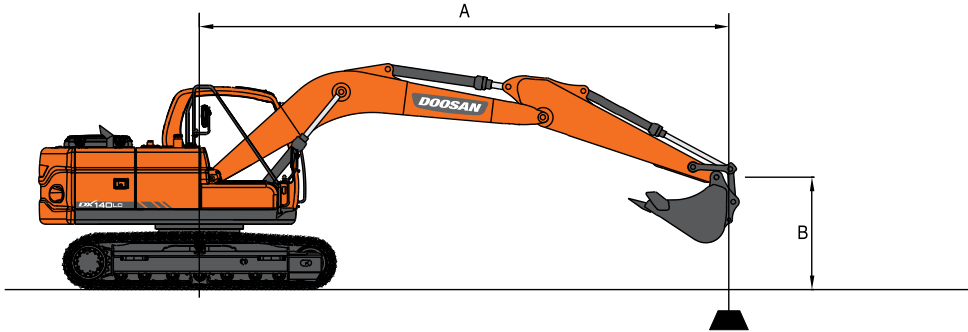
**Feet**  
Unit : 1,000lb

A(ft)	10'		15'		20'		Max. Reach		A(ft)
B(ft)									A(ft)
25							*6.04	*6.04	13.49
20			*6.63	*6.63			*4.89	*4.89	19.06
15			*7.31	*7.31	*7.39	4.80	*4.57	3.96	22.17
10	*12.29	*12.29	*9.61	7.56	7.51	4.73	*4.57	3.46	23.84
5			11.76	7.23	7.37	4.60	*4.82	3.29	24.38
0 (Ground)	*11.99	*11.99	11.46	6.97	7.25	4.49	*5.35	3.38	23.85
-5	*17.92	12.97	11.34	6.86	7.19	4.44	6.14	3.79	22.18
-10	*22.20	13.12	11.39	6.91			7.86	4.87	19.01
-15	*15.54	13.52					*10.27	8.47	13.46

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



**Metric**  
Boom : 4,600mm(15'1")    Arm : 2,500mm(8'2")    Bucket : SAE 0.51m³(0.67yd³)    Shoe : 600mm(2')    Dozer blade : 2,590mm(8'6")  
Unit : 1,000kg

A(m)	2		3		4		5		6		Max. Reach		A(m)
B(m)													A(m)
7					*3.73	*3.73					*2.88	*2.88	4.24
6					*3.39	*3.39	*3.59	3.21			*2.45	*2.45	5.32
5					*3.61	*3.61	*3.72	3.23	*2.57	2.35	*2.25	*2.25	6.04
4			*4.25	*4.25	*4.31	*4.31	*4.05	3.21	3.39	2.36	*2.17	2.02	6.53
3					*5.38	4.51	4.58	3.16	3.37	2.34	*2.16	1.86	6.83
2					*6.57	4.38	4.51	3.10	3.33	2.31	*2.20	1.79	6.98
1						4.27	4.44	3.04	3.30	2.28	*2.29	1.78	6.97
0 (Ground)					6.39	4.21	4.39	3.00	3.27	2.26	*2.45	1.84	6.82
-1			*6.07	*6.07	6.36	4.18	4.37	2.98	3.26	2.25	*2.71	1.98	6.51
-2	*5.42	*5.42	*9.89	6.67	6.37	4.19	4.37	2.98	3.28	2.27	*3.13	2.26	6.01
-3	*9.35	*9.35	*9.47	6.74	6.41	4.23	4.42	3.01			4.11	2.82	5.24
-4			*7.27	6.86	*5.01	4.33					*4.55	4.11	4.14









**Feet**  
Unit : 1,000lb

A(ft)	10'		15'		20'		Max. Reach		A(ft)
B(ft)									A(ft)
25							*7.75	*7.75	10.61
20			*8.03	*8.03			*5.46	*5.46	17.17
15			*8.44	8.24	*7.07	5.05	*4.87	4.78	20.58
10			*10.67	8.24	7.23	5.03	*4.75	4.11	22.38
5			11.45	7.76	7.12	4.94	*4.92	3.91	22.94
0 (Ground)			11.22	7.57	7.03	4.86	*5.41	4.05	22.38
-5	*17.99	14.28	11.16	7.51	7.02	4.85	6.94	4.80	20.14
-10	*20.42	14.48	11.26	7.60			9.14	6.27	17.10

**Metric**  
Boom : 4,600mm(15'1")    Arm : 3,000mm(9'10")    Bucket : SAE 0.51m³(0.67yd³)    Shoe : 600mm(2')    Dozer blade : 2,590mm(8'6")  
Unit : 1,000kg

A(m)	2		3		4		5		6		7		Max. Reach		A(m)
B(m)															A(m)
7													*2.39	*2.39	4.87
6							*3.15	*3.15					*2.14	*2.14	5.83
5							*3.20	*3.20	*3.11	2.40			*2.04	*2.04	6.49
4					*3.63	*3.63	*3.58	3.24	3.42	2.39			*2.00	1.83	6.95
3			*5.78	*5.78	*4.71	4.56	*4.17	3.19	3.39	2.36	2.60	1.81	*2.02	1.70	7.23
2					*5.97	4.42	4.53	3.11	3.35	2.33	2.58	1.79	*2.09	1.63	7.37
1					6.49	4.29	4.45	3.04	3.30	2.29	2.56	1.77	*2.21	1.62	7.37
0 (Ground)			*5.04	*5.04	6.39	4.21	4.39	2.99	3.27	2.25	2.55	1.76	*2.39	1.67	7.22
-1			*6.59	*6.59	6.34	4.16	4.35	2.96	3.25	2.23			2.58	1.78	6.93
-2	*5.25	*5.25	*9.32	6.61	6.33	4.15	4.34	2.95	3.25	2.23			2.89	1.99	6.47
-3	*8.16	*8.16	*10.17	6.66	6.36	4.18	4.37	2.97					3.47	2.39	5.79
-4	*12.02	*12.02	*8.53	6.76	*6.33	4.24							*4.67	3.21	4.81

**Feet**  
Unit : 1,000lb

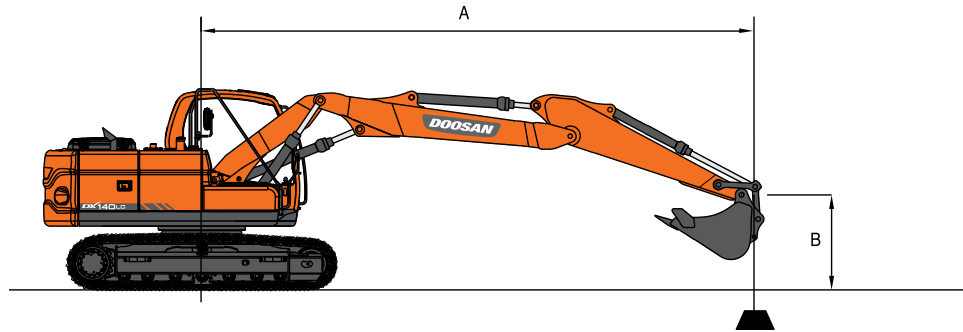
A(ft)	10'		15'		20'		Max. Reach		
B(ft)									A(ft)
25							*5.95	*5.95	13.22
20			*6.56	*6.56			*4.76	*4.76	18.87
15			*7.23	*7.23	*7.22	5.14	*4.44	4.30	22.01
10	*12.34	*12.34	*9.53	8.12	7.28	5.08	*4.45	3.75	23.69
5			11.50	7.81	7.14	4.95	*4.71	3.57	24.23
0 (Ground)	*11.82	*11.82	11.22	7.56	7.03	4.85	*5.27	3.68	23.70
-5	*17.98	14.17	11.10	7.46	6.97	4.80	6.00	4.14	22.01
-10	*21.95	14.30	11.15	7.50			7.73	5.32	18.87
-15	*15.09	14.70					*10.54	9.67	13.00

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

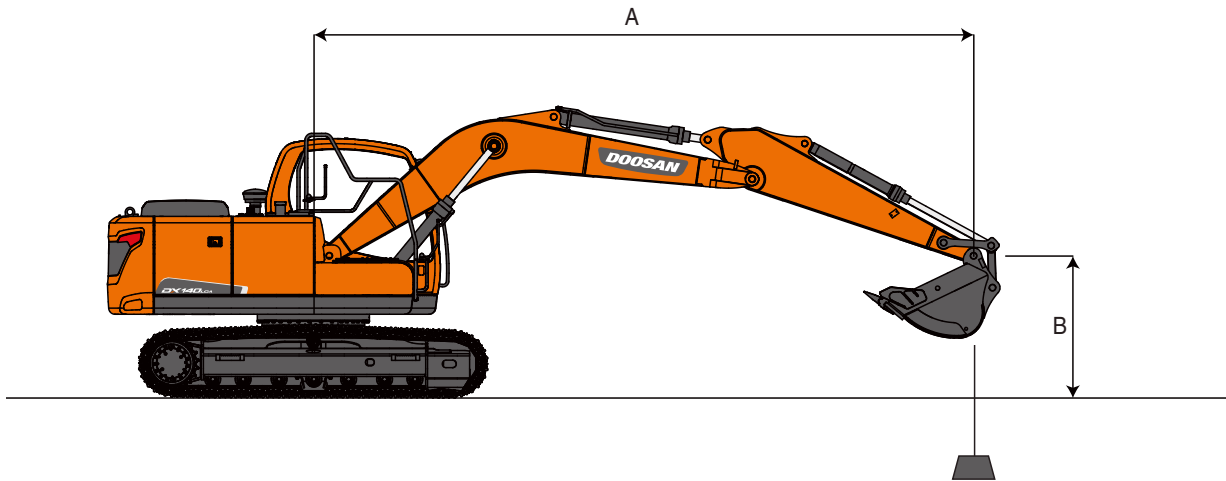
: Rating Over Side or 360 degree

[ Two-piece Boom ]



**Metric**  
Boom : 4,988mm(16'4")    Arm : 2,500mm(9'10")    Bucket : SAE 0.51m³(0.67yd³)    Shoe : 700mm(2'4")  
Unit : 1,000kg

# LIFTING CAPACITY



## DX140LCA

### Metric

Boom : 4.6m    Arm : 3.0m    Bucket : SAE 0.51 m³ heaped    Shoe : 700mm    Counter Weight : 2,200 kg    Unit : 1,000kg

A(m) B(m)	2		3		4		5		6		Max. Reach		
													A(m)
7							2.22	2.22			2.06 *	2.06 *	@ 5.3
6							2.96 *	2.96 *			1.89 *	1.89 *	@ 6.15
5							3.06 *	3.06	2.8 *	2.8	1.81 *	1.81 *	@ 6.73
4					3.45 *	3.45 *	3.41 *	3.41	3.27 *	3.27	1.80 *	1.80 *	@ 7.12
3			5.25 *	5.25 *	4.4 *	4.4	3.95 *	3.95	3.7	3.21	1.82 *	1.82 *	@ 7.36
2			7.47 *	7.47	5.52 *	5.52	4.59	4.09	4.07	3.12	1.89 *	1.89 *	@ 7.45
1			9.24 *	8.55	6.54	5.47	5.20	3.95	4.4	3.04	2.01 *	2.01 *	@ 7.4
0 (GROUND)			7.91 *	7.91	7.26	5.31	5.68	3.85	4.33	2.98	2.20 *	2.20 *	@ 7.21
-1	5.12	5.12	8.86 *	8.21	7.62	5.22	5.62	3.79	4.28	2.94	2.50 *	2.41	@ 6.87
-2	6.91 *	6.91 *	10.26 *	8.22	7.61	5.19	5.59	3.77	4.28	2.93	2.98 *	2.65	@ 6.35
-3	9.23 *	9.23 *	9.56 *	8.29	7.2	5.23	5.62	3.79			3.90 *	3.12	@ 5.6
-4	11.52 *	11.52 *	8.19 *	8.19	6.17 *	5.33					4.86 *	4.13	@ 4.52

1. LOAD POINT IS THE END OF THE ARM.

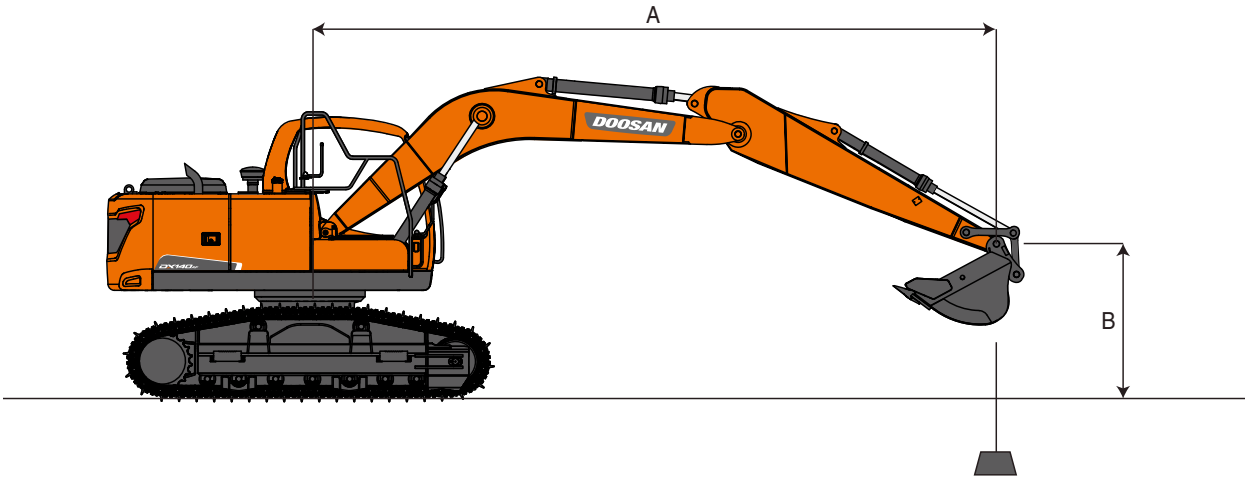
2. CAPACITIES MARKED WITH AN ASTERISK (\*) ARE LIMITED BY HYDRAULIC CAPACITIES.

3. LIFT CAPACITIES SHOWN DO NOT EXCEED 75 % OF MINIMUM TIPPING LOADS OR 87 % OF HYDRAULIC CAPACITIES.

4. THE LEAST STABLE POSITION IS OVER THE SIDE.

5. THE TOTAL MASS OF MACHINE IS 15,100 kg INCLUDED IN THIS MASS BOOM 4.60 m, ARM 2.50 m, 2,200 kg COUNTERWEIGHT, BUCKET WEIGHT 0 kg, ALL OPERATING FLUIDS AND A 75 kg OPERATOR.

6. LIFT CAPACITIES ARE IN COMPLIANCE WITH ISO 10567.
- : Rating Over Front: Rating Over Side or 360 Degree



## DX140AF

### Metric

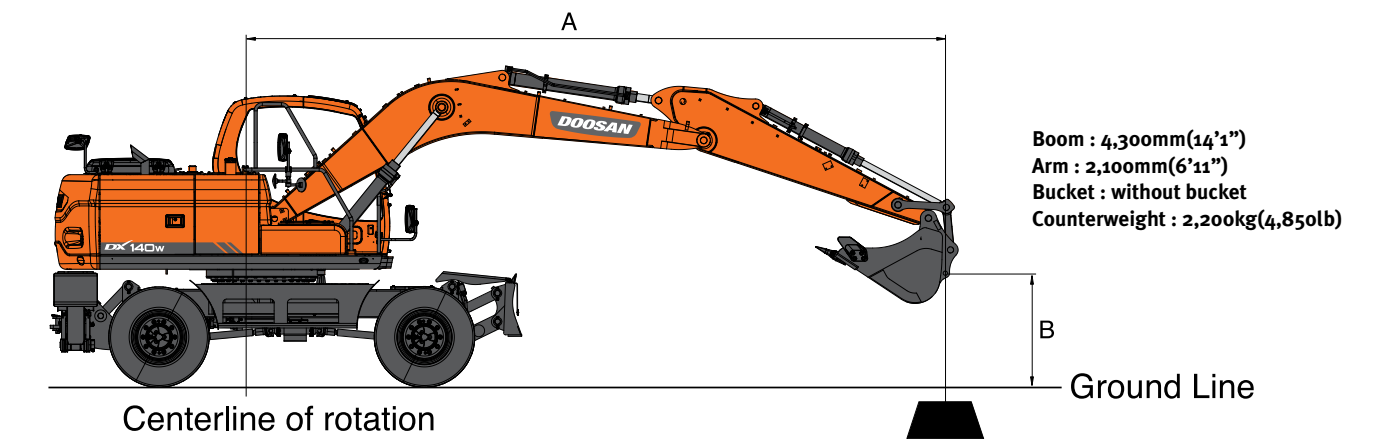
Boom : 4.6m    Arm : 3.0m    Bucket : SAE 0.51 m³ heaped    Shoe : 800mm    Counter Weight : 2,200 kg    Unit : 1,000kg

A(m) B(m)	2		3		4		5		6		Max. Reach		
													A(m)
7							2.22	2.22			2.06 *	2.06 *	@ 5.08
6							2.96 *	2.96 *			1.89 *	1.89 *	@ 6.00
5							3.06 *	3.06	2.8 *	2.8	1.81 *	1.81 *	@ 6.63
4					3.45 *	3.45 *	3.41 *	3.41	3.27 *	3.27	1.80 *	1.80 *	@ 7.06
3			5.25 *	5.25 *	4.4 *	4.4	3.95 *	3.95	3.7	3.21	1.82 *	1.82 *	@ 7.32
2			7.47 *	7.47	5.52 *	5.52	4.59	4.09	4.07	3.12	1.89 *	1.89 *	@ 7.44
1			9.24 *	8.55	6.54	5.47	5.20	3.95	4.4	3.04	2.01 *	2.01 *	@ 7.42
0 (GROUND)			7.91 *	7.91	7.26	5.31	5.68	3.85	4.33	2.98	2.20 *	2.20 *	@ 7.27
-1	5.12	5.12	8.86 *	8.21	7.62	5.22	5.62	3.79	4.28	2.94	2.50 *	2.41	@ 6.96
-2	6.91 *	6.91 *	10.26 *	8.22	7.61	5.19	5.59	3.77	4.28	2.93	2.98 *	2.65	@ 6.48
-3	9.23 *	9.23 *	9.56 *	8.29	7.2	5.23	5.62	3.79			3.90 *	3.12	@ 5.79
-4	11.52 *	11.52 *	8.19 *	8.19	6.17 *	5.33					4.86 *	4.13	@ 4.79

1. \* RATED LOADS ARE BASED ON HYDRAULIC CAPACITY.

2. RATED LOADS DO NOT EXCEED 87% OF HYD. CAPACITY OR 75% OF TIPPING CAPACITY.
- : Rating Over Front: Rating Over Side or 360 Degree

LIFTING CAPACITY



Metric												Unit : 1,000kg
A(m)	Chassis Frame Attachment	3		4		5		6		Max. Reach		A(m)
B(m)												
6	R-Rear Dozer Only Up			*4.43	4.24					*2.97	*2.97	4.59
	R-Rear Dozer Only Down			*4.43	*4.43					*2.97	*2.97	
	R-Outrigger Only Down			*4.43	*4.43					*2.97	*2.97	
	F-Dozer + R-Outrigger Down			*4.43	*4.43					*2.97	*2.97	
5	R-Rear Dozer Only Up			*5.26	4.22	*4.18	3.02			*2.87	2.72	5.36
	R-Rear Dozer Only Down			*5.26	*5.26	*4.18	3.97			*2.87	*2.87	
	R-Outrigger Only Down			*5.26	*5.26	*4.18	*4.18			*2.87	*2.87	
	F-Dozer + R-Outrigger Down			*5.26	*5.26	*4.18	*4.18			*2.87	*2.87	
4	R-Rear Dozer Only Up	*7.12	6.42	*6.10	4.15	*5.51	2.99			*2.87	2.37	5.86
	R-Rear Dozer Only Down	*7.12	*7.12	*6.10	5.55	*5.51	3.94			*2.87	*2.87	
	R-Outrigger Only Down	*7.12	*7.12	*6.10	*6.10	*5.51	*5.51			*2.87	*2.87	
	F-Dozer + R-Outrigger Down	*7.12	*7.12	*6.10	*6.10	*5.51	*5.51			*2.87	*2.87	
3	R-Rear Dozer Only Up	*9.01	6.16	*6.96	4.03	5.85	2.94	*3.91	2.27	*2.96	2.19	6.15
	R-Rear Dozer Only Down	*9.01	8.69	*6.96	5.43	5.85	3.88	*3.91	2.97	*2.96	2.86	
	R-Outrigger Only Down	*9.01	*9.01	*6.96	*6.96	*5.92	5.89	*3.91	*3.91	*2.96	*2.96	
	F-Dozer + R-Outrigger Down	*9.01	*9.01	*6.96	*6.96	*5.92	*5.92	*3.91	*3.91	*2.96	*2.96	
2	R-Rear Dozer Only Up			*7.82	3.92	5.78	2.88	4.36	2.24	*3.13	2.11	6.28
	R-Rear Dozer Only Down			*7.82	5.30	5.78	3.82	4.36	2.95	*3.13	2.76	
	R-Outrigger Only Down			*7.82	*7.82	6.06	5.82	4.57	4.39	*3.13	*3.13	
	F-Dozer + R-Outrigger Down			*7.82	*7.82	*6.35	6.04	*4.97	4.56	*3.13	*3.13	
1	R-Rear Dozer Only Up	*9.08	5.76	8.28	3.82	5.71	2.83	4.33	2.22	*3.40	2.11	6.24
	R-Rear Dozer Only Down	*9.08	8.21	8.28	5.20	5.71	3.76	4.33	2.92	*3.40	2.77	
	R-Outrigger Only Down	*9.08	*9.08	*8.37	8.34	6.00	5.76	4.54	4.36	*3.40	*3.40	
	F-Dozer + R-Outrigger Down	*9.08	*9.08	*8.37	*8.37	*6.64	5.98	*5.36	4.53	*3.40	*3.40	
0 (Ground)	R-Rear Dozer Only Up	*10.23	5.71	8.21	3.77	5.67	2.80	*4.13	2.20	*3.84	2.19	6.03
	R-Rear Dozer Only Down	*10.23	8.16	8.21	5.14	5.67	3.73	*4.13	2.90	*3.84	2.89	
	R-Outrigger Only Down	*10.23	*10.23	*8.44	8.27	5.96	5.72	*4.13	*4.13	*3.84	*3.84	
	F-Dozer + R-Outrigger Down	*10.23	*10.23	*8.44	*8.44	*6.66	5.94	*4.13	*4.13	*3.84	*3.84	
-1	R-Rear Dozer Only Up	*10.36	5.71	*8.00	3.76	5.66	2.79			*4.57	2.39	5.63
	R-Rear Dozer Only Down	*10.36	8.16	*8.00	5.13	5.66	3.72			*4.57	3.17	
	R-Outrigger Only Down	*10.36	*10.36	*8.00	*8.00	5.95	5.71			*4.57	*4.57	
	F-Dozer + R-Outrigger Down	*10.36	*10.36	*8.00	*8.00	*6.28	5.93			*4.57	*4.57	
-2	R-Rear Dozer Only Up	*8.87	5.76	*6.93	3.79	*5.12	2.82			*5.11	2.81	5.01
	R-Rear Dozer Only Down	*8.87	8.21	*6.93	5.16	*5.12	3.75			*5.11	3.75	
	R-Outrigger Only Down	*8.87	*8.87	*6.93	*6.93	*5.12	*5.12			*5.11	*5.11	
	F-Dozer + R-Outrigger Down	*8.87	*8.87	*6.93	*6.93	*5.12	*5.12			*5.11	*5.11	
-3	R-Rear Dozer Only Up	*6.38	5.85	*4.63	3.87					*4.54	3.82	4.04
	R-Rear Dozer Only Down	*6.38	*6.38	*4.63	*4.63					*4.54	*4.54	
	R-Outrigger Only Down	*6.38	*6.38	*4.63	*4.63					*4.54	*4.54	
	F-Dozer + R-Outrigger Down	*6.38	*6.38	*4.63	*4.63					*4.54	*4.54	

Feet												Unit : 1,000lb
A(ft)	Chassis Frame Attachment	3		4		5		Max. Reach				A(ft)
B(ft)												
20	R-Rear Dozer Only Up											18.37
	R-Rear Dozer Only Down											
	R-Outrigger Only Down											
	F-Dozer + R-Outrigger Down											
15	R-Rear Dozer Only Up			*11.76	7.59					*6.30	5.60	20.16
	R-Rear Dozer Only Down			*11.76	10.02					*6.30	*6.30	
	R-Outrigger Only Down			*11.76	*11.76					*6.30	*6.30	
	F-Dozer + R-Outrigger Down			*11.76	*11.76					*6.30	*6.30	
10	R-Rear Dozer Only Up	*19.35	13.29	*13.81	7.36	*7.25	4.89			*6.51	4.83	20.59
	R-Rear Dozer Only Down	*19.35	18.66	*13.81	9.78	*7.25	6.41			*6.51	6.33	
	R-Outrigger Only Down	*19.35	*19.35	*13.81	*13.81	*7.25	*7.25			*6.51	*6.51	
	F-Dozer + R-Outrigger Down	*19.35	*19.35	*13.81	*13.81	*7.25	*7.25			*6.51	*6.51	
5	R-Rear Dozer Only Up	*24.32	12.53	14.63	7.10	9.35	4.81	*7.15	4.62			19.77
	R-Rear Dozer Only Down	*24.32	17.78	14.63	9.50	9.35	6.32	*7.15	6.07			
	R-Outrigger Only Down	*24.32	*24.32	15.35	14.74	9.81	9.42	*7.15	*7.15			
	F-Dozer + R-Outrigger Down	*24.32	*24.32	*15.65	15.30	*10.24	9.79	*7.15	*7.15			
0 (Ground)	R-Rear Dozer Only Up	*23.70	12.28	14.43	6.94			*8.46	4.83			17.51
	R-Rear Dozer Only Down	*23.70	17.49	14.43	9.33			*8.46	6.37			
	R-Outrigger Only Down	*23.70	*23.70	15.15	14.54			*8.46	*8.46			
	F-Dozer + R-Outrigger Down	*23.70	*23.70	*16.17	15.10			*8.46	*8.46			
-5	R-Rear Dozer Only Up	*21.06	12.33	*14.39	6.94			11.34	5.68			13.06
	R-Rear Dozer Only Down	*21.06	17.55	*14.39	9.32			11.34	7.53			
	R-Outrigger Only Down	*21.06	*21.60	*14.39	*14.39			*11.44	11.42			
	F-Dozer + R-Outrigger Down	*21.06	*21.60	*14.39	*14.39			*11.44	*11.44			
-10	R-Rear Dozer Only Up	*13.55	12.60					*9.89	8.60			13.06
	R-Rear Dozer Only Down	*13.55	*13.55					*9.89	*9.89			
	R-Outrigger Only Down	*13.55	*13.55					*9.89	*9.89			
	F-Dozer + R-Outrigger Down	*13.55	*13.55					*9.89	*9.89			

1. Ratings are based on SAE J1097

2. Load point is the end of arm.

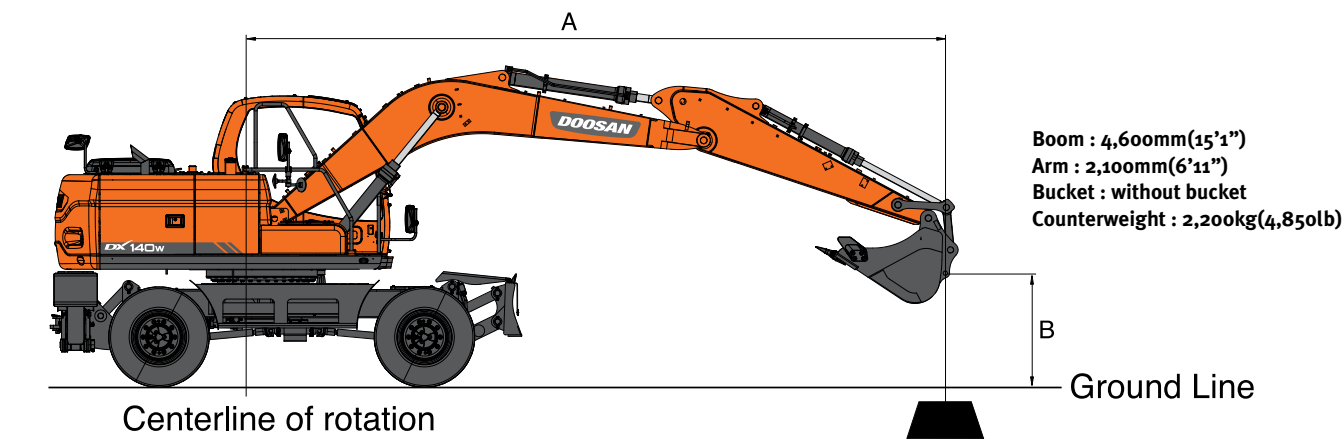
3. \* Rated loads are based on hydraulic capacity.

4. Rated loads do not exceed 87% of hydraulic capacity or 75% of tipping capacity.
- : Rating Over Front









: Rating Over Side or 360 degree



LIFTING CAPACITY



Metric												Unit : 1,000kg
A(m)	Chassis Frame Attachment	3		4		5		6		Max. Reach		A(m)
B(m)												
6	R-Rear Dozer Only Up			*4.86	4.25	*3.10	3.01			*2.98	*2.98	5.02
	R-Rear Dozer Only Down			*4.86	*4.86	*3.10	*3.10			*2.98	*2.98	
	R-Outrigger Only Down			*4.86	*4.86	*3.10	*3.10			*2.98	*2.98	
	F-Dozer + R-Outrigger Down			*4.86	*4.86	*3.10	*3.10			*2.98	*2.98	
5	R-Rear Dozer Only Up			*5.48	4.21	*4.93	3.02			*2.90	2.45	5.74
	R-Rear Dozer Only Down			*5.48	*5.48	*4.93	3.97			*2.90	*2.90	
	R-Outrigger Only Down			*5.48	*5.48	*4.93	*4.93			*2.90	*2.90	
	F-Dozer + R-Outrigger Down			*5.48	*5.48	*4.93	*4.93			*2.90	*2.90	
4	R-Rear Dozer Only Up	*7.45	6.36	*6.14	4.11	*5.42	2.97	*3.97	2.28	*2.90	2.16	6.20
	R-Rear Dozer Only Down	*7.45	*7.45	*6.14	5.52	*5.42	3.92	*3.97	2.98	*2.90	2.83	
	R-Outrigger Only Down	*7.45	*7.45	*6.14	*6.14	*5.42	*5.42	*3.97	*3.97	*2.90	*2.90	
	F-Dozer + R-Outrigger Down	*7.45	*7.45	*6.14	*6.14	*5.42	*5.42	*3.97	*3.97	*2.90	*2.90	
3	R-Rear Dozer Only Up			*7.03	3.98	5.82	2.91	4.37	2.25	*2.99	2.01	6.49
	R-Rear Dozer Only Down			*7.03	5.37	5.82	3.85	4.37	2.95	*2.99	2.64	
	R-Outrigger Only Down				*7.03	*7.03	*5.86	*5.86	4.59	4.41	*2.99	
	F-Dozer + R-Outrigger Down			*7.03	*7.03	*5.86	*5.86	*5.18	4.58	*2.99	*2.99	
2	R-Rear Dozer Only Up			*7.86	3.85	5.74	2.84	4.33	2.21	*3.14	1.94	6.60
	R-Rear Dozer Only Down			*7.86	5.23	5.74	3.78	4.33	2.92	*3.14	2.55	
	R-Outrigger Only Down			*7.86	*7.86	6.02	5.78	4.55	4.37	*3.14	*3.14	
	F-Dozer + R-Outrigger Down			*7.86	*7.86	*6.30	6.00	*5.37	4.54	*3.14	*3.14	
1	R-Rear Dozer Only Up			8.20	3.75	5.67	2.78	4.29	2.18	*3.39	1.93	6.56
	R-Rear Dozer Only Down			8.20	5.12	5.67	3.71	4.29	2.88	*3.39	2.55	
	R-Outrigger Only Down			*8.33	8.26	5.95	5.71	4.51	4.33	*3.39	*3.39	
	F-Dozer + R-Outrigger Down			*8.33	*8.33	*6.58	5.93	*5.47	4.50	*3.39	*3.39	
0 (Ground)	R-Rear Dozer Only Up	*7.26	5.60	8.14	3.70	5.62	2.74	4.27	2.16	*3.77	2.00	6.36
	R-Rear Dozer Only Down	*7.26	*7.26	8.14	5.07	5.62	3.68	4.27	2.86	*3.77	2.65	
	R-Outrigger Only Down	*7.26	*7.26	*8.34	8.19	5.91	5.67	4.49	*4.31	*3.77	*3.77	
	F-Dozer + R-Outrigger Down	*7.26	*7.26	*8.34	*8.34	*6.61	5.89	*5.38	4.48	*3.77	*3.77	
-1	R-Rear Dozer Only Up	*10.06	5.61	*7.90	3.69	5.61	2.73			4.28	2.17	5.99
	R-Rear Dozer Only Down	*10.06	8.06	*7.90	5.06	5.61	3.66			4.28	2.87	
	R-Outrigger Only Down	*10.06	*10.06	*7.90	*7.90	5.89	5.65			*4.40	4.32	
	F-Dozer + R-Outrigger Down	*10.06	*10.06	*7.90	*7.90	*6.28	5.88			*4.40	*4.40	
-2	R-Rear Dozer Only Up	*8.71	5.66	*6.96	3.72	*5.43	2.75			*4.74	2.50	5.41
	R-Rear Dozer Only Down	*8.71	8.11	*6.96	5.08	*5.43	3.69			*4.74	3.32	
	R-Outrigger Only Down	*8.71	*8.71	*6.96	*6.96	*5.43	*5.43			*4.74	*4.74	
	F-Dozer + R-Outrigger Down	*8.71	*8.71	*6.96	*6.96	*5.43	*5.43			*4.74	*4.74	
-3	R-Rear Dozer Only Up	*6.62	5.75	*5.21	3.78					*4.28	3.20	4.53
	R-Rear Dozer Only Down	*6.62	*6.62	*5.21	5.15					*4.28	*4.28	
	R-Outrigger Only Down	*6.62	*6.62	*5.21	*5.21					*4.28	*4.28	
	F-Dozer + R-Outrigger Down	*6.62	*6.62	*5.21	*5.21					*4.28	*4.28	

Feet											Unit : 1,000lb
A(ft)	Chassis Frame Attachment	3		4		5		Max. Reach		A(ft)	
B(ft)											
20	R-Rear Dozer Only Up			*9.14	7.64			*6.61	*6.61	16.2	
	R-Rear Dozer Only Down			*9.14	*9.14			*6.61	*6.61		
	R-Outrigger Only Down			*9.14	*9.14			*6.61	*6.61		
	F-Dozer + R-Outrigger Down			*9.14	*9.14			*6.61	*6.61		
15	R-Rear Dozer Only Up			*11.93	7.55			*6.37	5.08	19.56	
	R-Rear Dozer Only Down			*11.93	10			*6.37	*6.37		
	R-Outrigger Only Down			*11.93	*11.93			*6.37	*6.37		
	F-Dozer + R-Outrigger Down			*11.93	*11.93			*6.37	*6.37		
10	R-Rear Dozer Only Up			*13.78	7.28	9.41	4.85	*6.57	4.44	21.25	
	R-Rear Dozer Only Down			*13.78	9.7	9.41	6.37	*6.57	5.82		
	R-Outrigger Only Down			*13.78	*13.78	9.88	9.49	*6.57	*6.57		
	F-Dozer + R-Outrigger Down			*13.78	*13.78	*10.95	9.86	*6.57	*6.57		
5	R-Rear Dozer Only Up			14.51	6.98	9.29	4.74	*7.16	4.25	21.66	
	R-Rear Dozer Only Down			14.51	9.38	9.29	6.25	*7.16	5.59		
	R-Outrigger Only Down			15.23	14.62	9.75	9.36	*7.16	*7.16		
	F-Dozer + R-Outrigger Down			*15.58	15.18	*11.81	9.73	*7.16	*7.16		
0 (Ground)	R-Rear Dozer Only Up	*16.79	12.05	14.30	6.81	9.20	4.67	*8.32	4.42	20.88	
	R-Rear Dozer Only Down	*16.79	*16.79	14.30	9.19	9.20	6.18	*8.32	5.84		
	R-Outrigger Only Down	*16.79	*16.79	15.01	14.41	9.67	9.28	*8.32	*8.32		
	F-Dozer + R-Outrigger Down	*16.79	*16.79	*16.01	14.97	*11.62	9.65	*8.32	*8.32		
-5	R-Rear Dozer Only Up	*20.54	12.12	14.28	6.80			10.14	5.10	18.75	
	R-Rear Dozer Only Down	*20.54	17.32	14.28	9.18			10.14	6.76		
	R-Outrigger Only Down	*20.54	*20.54	*14.45	14.39			10.65	10.22		
	F-Dozer + R-Outrigger Down	*20.54	*20.54	*14.45	*14.45			*10.66	10.62		
-10	R-Rear Dozer Only Up	*14.17	12.38					*9.34	7.18	14.69	
	R-Rear Dozer Only Down	*14.17	*14.17					*9.34	*9.34		
	R-Outrigger Only Down	*14.17	*14.17					*9.34	*9.34		
	F-Dozer + R-Outrigger Down	*14.17	*14.17					*9.34	*9.34		

1. Ratings are based on SAE J1097

2. Load point is the end of arm.

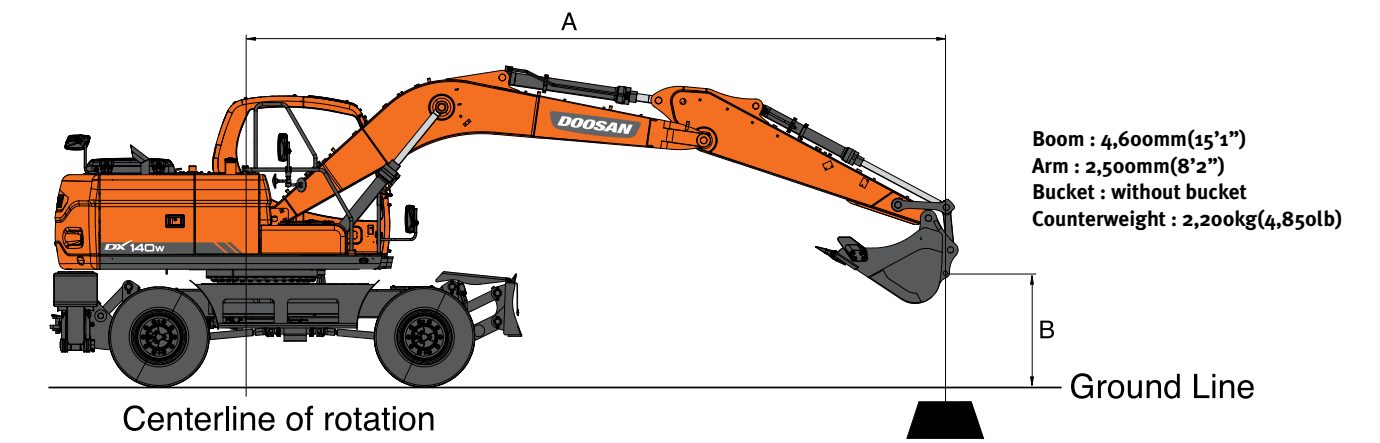
3. \* Rated loads are based on hydraulic capacity.











4. Rated loads do not exceed 87% of hydraulic capacity or 75% of tipping capacity.

: Rating Over Front

: Rating Over Side or 360 degree

# LIFTING CAPACITY



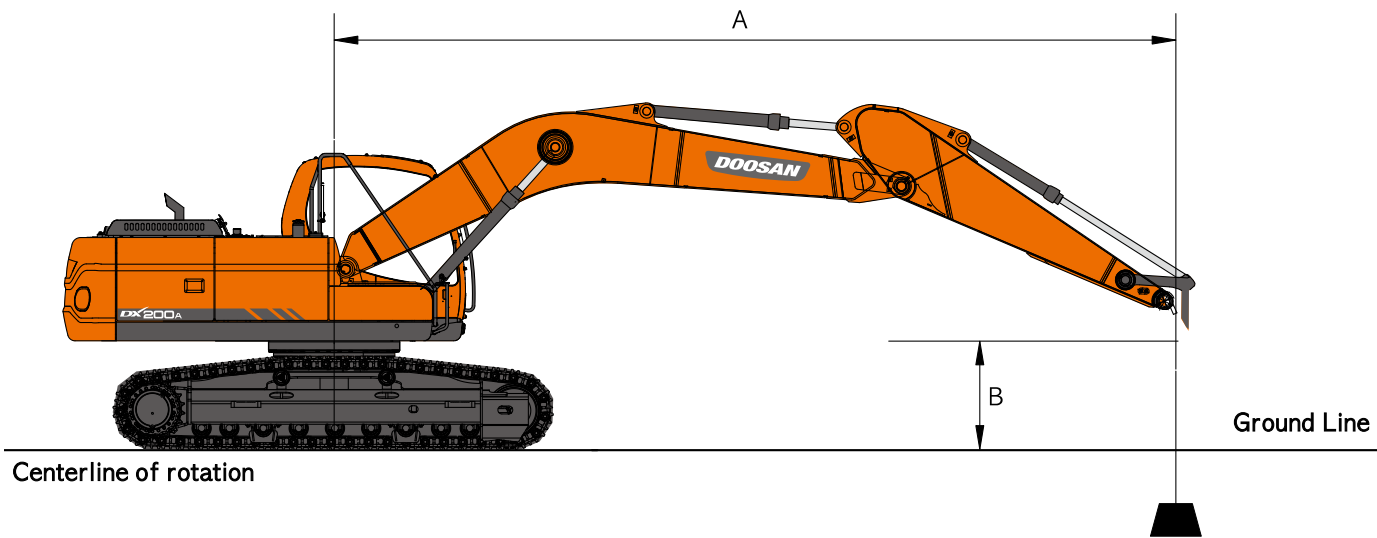
Metric													Unit : 1,000kg
A(m)	Chassis Frame Attachment	3		4		5		6		Max. Reach		A(m)	
B(m)													
6	R-Rear Dozer Only Up					*3.56	3.05			*2.10	*2.10	5.62	
	R-Rear Dozer Only Down					*3.56	*3.56			*2.10	*2.10		
	R-Outrigger Only Down					*3.56	*3.56			*2.10	*2.10		
	F-Dozer + R-Outrigger Down					*3.56	*3.56			*2.10	*2.10		
5	R-Rear Dozer Only Up			*4.27	4.25	*4.19	3.04	*3.02	2.30	*2.02	*2.02	6.26	
	R-Rear Dozer Only Down			*4.27	*4.27	*4.19	4	*3.02	3.01	*2.02	*2.02		
	R-Outrigger Only Down			*4.27	*4.27	*4.19	*4.19	*3.02	*3.02	*2.02	*2.02		
	F-Dozer + R-Outrigger Down			*4.27	*4.27	*4.19	*4.19	*3.02	*3.02	*2.02	*2.02		
4	R-Rear Dozer Only Up			*5.25	4.15	*4.93	2.99	*4.05	2.28	*2.01	1.93	6.69	
	R-Rear Dozer Only Down			*5.25	*5.25	*4.93	3.94	*4.05	3	*2.01	*2.01		
	R-Outrigger Only Down			*5.25	*5.25	*4.93	*4.93	*4.05	*4.05	*2.01	*2.01		
	F-Dozer + R-Outrigger Down			*5.25	*5.25	*4.93	*4.93	*4.05	*4.05	*2.01	*2.01		
3	R-Rear Dozer Only Up	*8.55	6.14	*6.59	4.01	*5.57	2.92	4.38	2.25	*2.04	1.81	6.95	
	R-Rear Dozer Only Down	*8.55	*8.55	*6.59	5.41	*5.57	3.86	4.38	2.96	*2.04	*2.04		
	R-Outrigger Only Down	*8.55	*8.55	*6.59	*6.59	*5.57	*5.57	4.60	4.41	*2.04	*2.04		
	F-Dozer + R-Outrigger Down	*8.55	*8.55	*6.59	*6.59	*5.57	*5.57	*4.92	4.58	*2.04	*2.04		
2	R-Rear Dozer Only Up			*7.52	3.86	5.74	2.84	4.33	2.20	*2.11	1.75	7.06	
	R-Rear Dozer Only Down			*7.52	5.25	5.74	3.78	4.33	2.91	*2.11	*2.11		
	R-Outrigger Only Down			*7.52	*7.52	6.03	5.79	4.54	4.36	*2.11	*2.11		
	F-Dozer + R-Outrigger Down			*7.52	*7.52	*6.08	6.01	*5.22	4.53	*2.11	*2.11		
1	R-Rear Dozer Only Up			*8.15	3.75	5.66	2.77	4.28	2.16	*2.23	1.75	7.02	
	R-Rear Dozer Only Down			*8.15	5.12	5.66	3.70	4.28	2.87	*2.23	*2.23		
	R-Outrigger Only Down			*8.15	*8.15	5.94	5.70	4.50	4.32	*2.23	*2.23		
	F-Dozer + R-Outrigger Down			*8.15	*8.15	*6.45	5.93	*5.40	4.49	*2.23	*2.23		
0 (Ground)	R-Rear Dozer Only Up	*6.95	5.56	8.11	3.68	5.60	2.72	4.25	2.14	*2.42	1.80	6.84	
	R-Rear Dozer Only Down	*6.95	*6.95	8.11	5.04	5.60	3.65	4.25	2.84	*2.42	2.38		
	R-Outrigger Only Down	*6.95	*6.95	*8.35	8.17	5.88	5.65	4.47	4.28	*2.42	*2.42		
	F-Dozer + R-Outrigger Down	*6.95	*6.95	*8.35	*8.35	*6.60	5.87	*5.42	4.45	*2.42	*2.42		
-1	R-Rear Dozer Only Up	*9.04	5.55	8.08	3.65	5.58	2.70	4.24	2.13	*2.71	1.93	6.50	
	R-Rear Dozer Only Down	*9.04	7.99	8.08	5.02	5.58	3.63	4.24	2.83	*2.71	2.55		
	R-Outrigger Only Down	*9.04	*9.04	*8.09	*8.09	5.86	5.62	4.46	4.27	*2.71	*2.71		
	F-Dozer + R-Outrigger Down	*9.04	*9.04	*8.09	*8.09	*6.42	5.84	*5.17	4.44	*2.71	*2.71		
-2	R-Rear Dozer Only Up	*9.41	5.58	*7.37	3.66	5.59	2.71			*3.19	2.17	5.96	
	R-Rear Dozer Only Down	*9.41	8.03	*7.37	5.03	5.59	3.64			*3.19	2.88		
	R-Outrigger Only Down	*9.41	*9.41	*7.37	*7.37	*5.83	5.63			*3.19	*3.19		
	F-Dozer + R-Outrigger Down	*9.41	*9.41	*7.37	*7.37	*5.83	*5.83			*3.19	*3.19		
-3	R-Rear Dozer Only Up	*7.62	5.66	*6.01	3.71	*4.43	2.76			*4.03	2.64	5.18	
	R-Rear Dozer Only Down	*7.62	*7.62	*6.01	5.08	*4.43	3.69			*4.03	3.52		
	R-Outrigger Only Down	*7.62	*7.62	*6.01	*6.01	*4.43	*4.43			*4.03	*4.03		
	F-Dozer + R-Outrigger Down	*7.62	*7.62	*6.01	*6.01	*4.43	*4.43			*4.03	*4.03		

Feet												Unit : 1,000lb
A(ft)	B(ft)	Chassis Frame Attachment		3		4		5		Max. Reach		A(ft)
20	20	R-Rear Dozer Only Up				*8.43	7.72			*4.65	*4.65	18.18
		R-Rear Dozer Only Down				*8.43	*8.43			*4.65	*4.65	
		R-Outrigger Only Down				*8.43	*8.43			*4.65	*4.65	
		F-Dozer + R-Outrigger Down				*8.43	*8.43			*4.65	*4.65	
15	15	R-Rear Dozer Only Up				*10.04	7.61	*7.36	4.94	*4.44	*4.44	21.22
		R-Rear Dozer Only Down				*10.04	*10.04	*7.36	6.47	*4.44	*4.44	
		R-Outrigger Only Down				*10.04	*10.04	*7.36	*7.36	*4.44	*4.44	
		F-Dozer + R-Outrigger Down				*10.04	*10.04	*7.36	*7.36	*4.44	*4.44	
10	10	R-Rear Dozer Only Up	*18.35	13.25	*13.03	7.31	9.42	4.85	*4.50	3.99		22.78
		R-Rear Dozer Only Down	*18.35	*18.35	*13.03	9.74	9.42	6.37	*4.50	*4.50		
		R-Outrigger Only Down	*18.35	*18.35	*13.03	*13.03	9.89	9.5	*4.50	*4.50		
		F-Dozer + R-Outrigger Down	*18.35	*18.35	*13.03	*13.03	*10.39	9.87	*4.50	*4.50		
5	5	R-Rear Dozer Only Up				14.53	6.98	9.27	4.71	*4.77	3.84	23.17
		R-Rear Dozer Only Down				14.53	9.38	9.27	6.23	*4.77	*4.77	
		R-Outrigger Only Down				*15.10	14.63	9.73	9.34	*4.77	*4.77	
		F-Dozer + R-Outrigger Down				*15.10	*15.10	*11.56	9.71	*4.77	*4.77	
0 (Ground)	0 (Ground)	R-Rear Dozer Only Up	*16.06	11.96	14.25	6.76	9.15	4.61	*5.34	3.97		22.44
		R-Rear Dozer Only Down	*16.06	*16.06	14.25	9.14	9.15	6.13	*5.34	5.25		
		R-Outrigger Only Down	*16.06	*16.06	14.97	14.36	9.62	9.23	*5.34	*5.34		
		F-Dozer + R-Outrigger Down	*16.06	*16.06	*15.98	14.93	*11.74	9.60	*5.34	*5.34		
-5	-5	R-Rear Dozer Only Up	*21.81	11.96	14.19	6.71	9.15	4.61	*6.46	4.48		20.48
		R-Rear Dozer Only Down	*21.81	17.16	14.19	9.09	9.15	6.12	*6.46	5.94		
		R-Outrigger Only Down	*21.81	*21.81	14.90	14.29	9.62	9.22	*6.46	*6.46		
		F-Dozer + R-Outrigger Down	*21.81	*21.81	*15.00	14.86	*9.81	9.59	*6.46	*6.46		
-10	-10	R-Rear Dozer Only Up	*16.38	12.18	*11.15	6.83			*8.84	5.89		16.85
		R-Rear Dozer Only Down	*16.38	*16.38	*11.15	9.22			*8.84	7.87		
		R-Outrigger Only Down	*16.38	*16.38	*11.15	*11.15			*8.84	*8.84		
		F-Dozer + R-Outrigger Down	*16.38	*16.38	*11.15	*11.15			*8.84	*8.84		

1. Ratings are based on SAE J1097
2. Load point is the end of arm.
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

# LIFTING CAPACITY

















## STANDARD CONFIGURATION

### Metric















Boom : 5,700mm Arm : 2,900mm without Bucket Shoe : 600mm

Unit : 1,000kg



B(m)	A(m)		1.5		3		4.5		6		7.5		Max. Reach		A(m)
															
7.5									4.70 *	4.55			4.10 *	4.10 *	6.20
6									4.91 *	4.55			3.82 *	3.23	7.31
4.5									5.38 *	4.39	4.47	3.05	3.76 *	2.73	7.99
3					7.88 *	6.32	6.12 *	4.14	4.36	2.95	3.67	2.48	3.77	2.54	8.35
1.5					9.13	5.82	5.89	3.9	4.23	2.83	3.56	2.38	3.77	2.45	8.42
0				5.67 *	5.67 *	8.82	5.56	5.7	3.74	4.14	2.75	3.64	2.42	2.49	8.22
-1.5	6.18 *	6.18 *	9.79 *	9.79 *	8.74	5.48	5.63	3.67	4.11	2.73	3.95	2.62	3.77	2.7	7.73
-3	10.56 *	10.56 *	12.64 *	10.62	8.82	5.55	5.67	3.71			4.7	3.12	3.81	3.2	6.88
-4.5				9.61 *	9.61 *	7.02 *	5.77				5.36 *	4.39		4.5	5.50

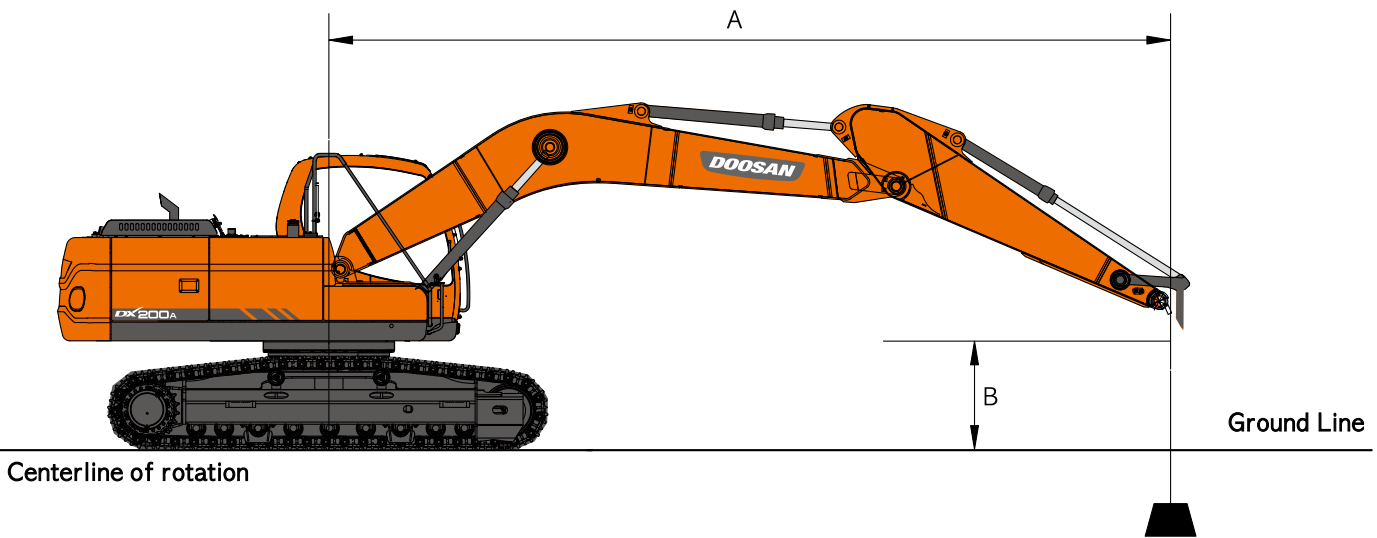
### Feet

Unit : 1,000lb

B(ft)	A(ft)		5'		10'		15'		20'		25'		Max. Reach		A(ft)
															
25									10.37 *	10.04			9.03 *	9.03 *	20.34
20									10.83 *	10.03			8.41 *	7.13	23.98
15									11.87 *	9.67	9.85	6.73	8.29 *	6.02	26.21
10					17.37 *	13.93	13.50 *	9.13	9.6	6.5	8.1	5.46	8.32	5.61	27.38
5					20.13	12.84	12.98	8.61	9.33	6.25	7.84	5.25	8.83	5.39	27.63
0				12.49 *	12.49 *	19.46	12.25	12.57	8.24	9.12	6.06	8.01	5.33	5.49	26.98
-5	13.64 *	13.64 *	21.59 *	21.59 *	19.27	12.09	12.41	8.09	9.07	6.01	8.72	5.79	9.96	5.95	25.36
-10	23.28 *	23.28 *	27.87 *	23.42	19.45	12.24	12.51	8.18			10.37	6.88		7.06	22.57
-15				21.19 *	21.19 *	15.47 *	12.73				11.81 *	9.68		9.93	18.05

- LOAD POINT IS THE END OF THE ARM.
- CAPACITIES MARKED WITH AN ASTERISK (\*) ARE LIMITED BY HYDRAULIC CAPACITIES.
- LIFT CAPACITIES SHOWN DO NOT EXCEED 75 % OF MINIMUM TIPPING LOADS OR 87 % OF HYDRAULIC CAPACITIES.
- THE LEAST STABLE POSITION IS OVER THE SIDE.
- LIFT CAPACITIES APPLY ONLY TO THE MACHINE AS ORIGINALLY MANUFACTURED AND NORMALLY EQUIPPED BY THE MANUFACTURER.
- THE TOTAL MASS OF MACHINE IS 19754 kg INCLUDED IN THIS MASS BOOM 5.7 m, ARM 2.9 m, 3815 kg COUNTERWEIGHT, ALL OPERATING FLUIDS AND A 75 kg OPERATOR.  
(THE TOTAL MASS OF MACHINE IS 43549.6684 lb INCLUDED IN THIS MASS BOOM 18' 8", ARM 9' 6", 8410.549 lb COUNTERWEIGHT, ALL OPERATING FLUIDS AND A 165.345 lb OPERATOR.)
- LIFT CAPACITIES ARE IN COMPLIANCE WITH ISO 10567.

 : Rating Over Front  
 : Rating Over Side or 360 degree

















## Option 1

### Metric















Boom : 5,700mm Arm : 2,900mm without Bucket Shoe : 800mm

Unit : 1,000kg



B(m)	A(m)		1.5		3		4.5		6		7.5		Max. Reach		A(m)
															
7.5									4.70 *	4.65			4.10 *	4.10 *	6.20
6									4.91 *	4.65			3.82 *	3.31	7.31
4.5									5.38 *	4.49	4.58	3.13	3.76 *	2.8	7.99
3					7.88 *	6.47	6.12 *	4.24	4.47	3.03	3.77	2.54	3.77	2.54	8.35
1.5					9.34 *	5.97	6.04	4.01	4.35	2.91	3.66	2.45	3.66	2.45	8.42
0				5.67 *	5.67 *	9.06	5.7	5.86	3.84	4.25	2.83	3.74	2.49	2.49	8.22
-1.5	6.18 *	6.18 *	9.79 *	9.79 *	8.98	5.63	5.78	3.77	4.23	2.8	4.06	2.7	3.77	2.7	7.73
-3	10.56 *	10.56 *	12.64 *	10.89	9.06	5.7	5.83	3.81			4.83	3.2	3.81	3.2	6.88
-4.5				9.61 *	9.61 *	7.02 *	5.92				5.36 *	4.5		4.5	5.50

### Feet

Unit : 1,000lb

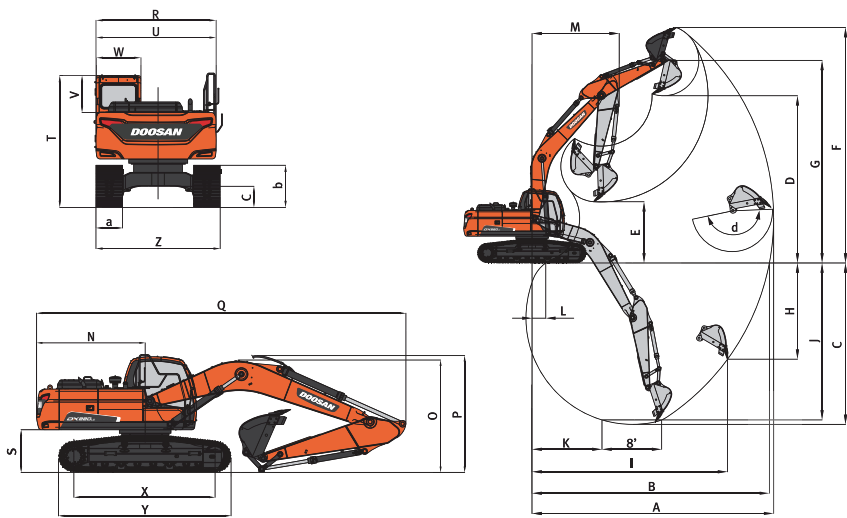
B(ft)	A(ft)		5'		10'		15'		20'		25'		Max. Reach		A(ft)
															
25									10.37 *	10.26			9.03 *	9.03 *	20.34
20									10.83 *	10.26			8.41 *	7.3	23.98
15									11.87 *	9.89	10.1	6.9	8.29 *	6.18	26.21
10					17.37 *	14.25	13.50 *	9.36	9.85	6.67	8.32	5.61	8.83	5.39	27.38
5					20.59 *	13.16	13.32	8.83	9.58	6.42	8.06	5.39	9.96	5.95	27.63
0				12.49 *	12.49 *	19.97	12.57	12.91	8.46	9.38	6.23	8.24	5.49	5.49	26.98
-5	13.64 *	13.64 *	21.59 *	21.59 *	19.79	12.42	12.75	8.31	9.32	6.18	8.96	5.95	10.65	5.95	25.36
-10	23.28 *	23.28 *	27.87 *	24.01	19.96	12.56	12.85	8.4			10.65	7.06		7.06	22.57
-15				21.19 *	21.19 *	15.47 *	13.06				11.81 *	9.93		9.93	18.05

- LOAD POINT IS THE END OF THE ARM.
- CAPACITIES MARKED WITH AN ASTERISK (\*) ARE LIMITED BY HYDRAULIC CAPACITIES.
- LIFT CAPACITIES SHOWN DO NOT EXCEED 75 % OF MINIMUM TIPPING LOADS OR 87 % OF HYDRAULIC CAPACITIES.
- THE LEAST STABLE POSITION IS OVER THE SIDE.
- LIFT CAPACITIES APPLY ONLY TO THE MACHINE AS ORIGINALLY MANUFACTURED AND NORMALLY EQUIPPED BY THE MANUFACTURER.
- THE TOTAL MASS OF MACHINE IS 20303 kg INCLUDED IN THIS MASS BOOM 5.7 m, ARM 2.9 m, 3815 kg COUNTERWEIGHT, ALL OPERATING FLUIDS AND A 75 kg OPERATOR.  
(THE TOTAL MASS OF MACHINE IS 44759.9938 lb INCLUDED IN THIS MASS BOOM 18' 8", ARM 9' 6", 8410.549 lb COUNTERWEIGHT, 2.028232 lb)
- LIFT CAPACITIES ARE IN COMPLIANCE WITH ISO 10567.

 : Rating Over Front  
 : Rating Over Side or 360 degree

# WORKING RANGES

## Technical Specifications

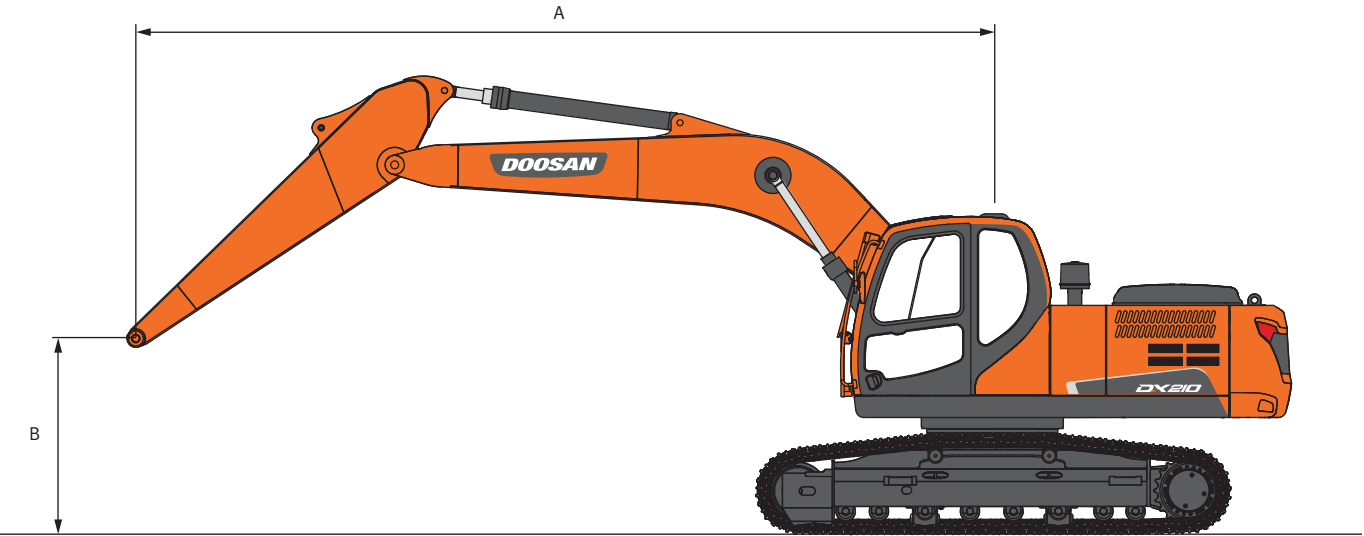


DX210-7M							
Tail swing radius	(mm)	N	2,794	Minimum ground clearance	(mm)	c	475
Transportation height (to top of boom)	(mm)	O	2,891	Max. digging reach	(mm)	A	9,873
Transportation height (to top of hose)	(mm)	P	3,005	Max. digging reach at ground level	(mm)	B	9,699
Transport length	(mm)	Q	9,506	Max. digging depth	(mm)	C	6,592
Transport width	(mm)	R	2,990	Max. loading height	(mm)	D	6,830
Ground clearance of counterweight	(mm)	S	1,096	Min. loading height	(mm)	E	2,501
Total height (to top of cab)	(mm)	T	2,985	Max. digging height	(mm)	F	9,616
Turntable width	(mm)	U	2,709	Max. height of the bucket pivot	(mm)	G	8,274
Cab height (above the turntable)	(mm)	V	832	Max. vertical wall depth	(mm)	H	3,929
Overall cab width	(mm)	W	1,008	Max. vertical radius	(mm)	I	7,988
Central distance between idler and sprocket	(mm)	X	3,270	Max. digging depth on 8 feet flat ground	(mm)	J	6,411
Crawler length	(mm)	Y	4,060	Min. digging depth on 8 feet flat ground	(mm)	K	2,858
Total width	(mm)	Z	2,990	Min. digging reach	(mm)	L	562
Crawler width	(mm)	a	600	Min. swing radius	(mm)	M	3,560
Crawler height	(mm)	b	950	Bucket reach angle	(°)	d	177

DX220LC-7M							
Tail swing radius	(mm)	N	2,794	Minimum ground clearance	(mm)	c	475
Transportation height (to top of boom)	(mm)	O	2,951	Max. digging reach	(mm)	A	9,873
Transportation height (to top of hose)	(mm)	P	3,065	Max. digging reach at ground level	(mm)	B	9,699
Transport length	(mm)	Q	9,506	Max. digging depth	(mm)	C	6,592
Transport width	(mm)	R	2,990	Max. loading height	(mm)	D	6,830
Ground clearance of counterweight	(mm)	S	1,096	Min. loading height	(mm)	E	2,501
Total height (to top of cab)	(mm)	T	2,985	Max. digging height	(mm)	F	9,616
Turntable width	(mm)	U	2,709	Max. height of the bucket pivot	(mm)	G	8,274
Cab height (above the turntable)	(mm)	V	832	Max. vertical wall depth	(mm)	H	3,929
Overall cab width	(mm)	W	1,008	Max. vertical radius	(mm)	I	7,988
Central distance between idler and sprocket	(mm)	X	3,635	Max. digging depth on 8 feet flat ground	(mm)	J	6,411
Crawler length	(mm)	Y	4,440	Min. digging depth on 8 feet flat ground	(mm)	K	2,858
Total width	(mm)	Z	2,990	Min. digging reach	(mm)	L	562
Crawler width	(mm)	a	600	Min. swing radius	(mm)	M	3,560
Crawler height	(mm)	b	950	Bucket reach angle	(°)	d	177

# LIFTING CAPACITY

## DX210-7M



## STANDARD

### Metric

Boom : 5,700 mm (18' 7")    Arm : 2,900 mm (9' 5")    Shoe : 600 mm (2' 0")    Counter Weight : 3,900 kg (8,598 lb)    STD track    Unit : 1,000kg

B(m)	A(m)	2		3		4		5	
8									
7									
6									
5									
4								5.27 *	5.27 *
3				10.63 *	10.63 *	7.58 *	7.58 *	6.09 *	5.94 *
2				8.52 *	8.52 *	8.95 *	7.92	6.91 *	5.61
1				7.26 *	7.26 *	9.93 *	7.49	7.57 *	5.34
0		4.93 *	4.93 *	8.27 *	8.27 *	10.41 *	7.25	800 *	5.15
-1		7.18 *	7.18 *	10.09 *	10.09 *	10.46 *	7.14	8.16 *	5.04
-2		9.40 *	9.40 *	12.46 *	11.81	10.16 *	7.13	8.03 *	5.01
-3		11.87 *	11.87 *	12.22 *	11.96	9.49 *	7.2	7.59 *	5.04
-4		14.12 *	14.12 *	10.63 *	10.63 *	8.39 *	7.34	6.73 *	5.14
-5				8.29 *	8.29 *	6.61 *	6.61 *	5.14 *	5.14 *

### Metric

Boom : 5,700 mm (18' 7")    Arm : 2,900 mm (9' 5")    Shoe : 600 mm (2' 0")    Counter Weight : 3,900 kg (8,598 lb)    STD track    Unit : 1,000kg

B(m)	A(m)	6		7		8		MAX. REACH	
8								3.02 *	3.02 *
7								2.84 *	2.84 *
6	4.02 *	4.02 *	3.86 *	3.7				2.77 *	2.77 *
5	4.30 *	4.30 *	4.10 *	3.64				2.77 *	2.77 *
4	4.71 *	4.62	4.35 *	3.54	3.81 *	2.76		2.82 *	2.56
3	5.22 *	4.42	4.66 *	3.41	4.28 *	2.69		2.94 *	2.39
2	5.73 *	4.22	4.98 *	3.29	4.36	2.61		3.12 *	2.29
1	6.17 *	4.04	5.27 *	3.17	4.28	2.54		3.38 *	2.26
0	6.49 *	3.91	5.22	3.08	4.22	2.49		3.75 *	2.3
-1	6.57	3.82	5.15	3.02	4.19	2.46		4.11	2.41
-2	6.53	3.79	5.13	3				4.47	2.62
-3	6.17 *	3.81	4.99 *	3.04				4.89 *	2.99
-4	5.35 *	3.91						4.99 *	3.67
-5								4.93 *	4.93 *

1. LIFT CAPACITIES ARE IN COMPLIANCE WIHT ISO 10567.
2. LOAD POINT IS THE END OF THE ARM.
3. CAPACITIES MARKED WITH AN ASTERISK (\*) ARE LIMITED BY HYDRAULIC CAPACITIES.
4. LIFT CAPACITIES SHOWN DO NOT EXCEED 75 % OF MINIMUM TIPPING LOADS OR 87 % OF HYDRAULIC CAPACITIES.

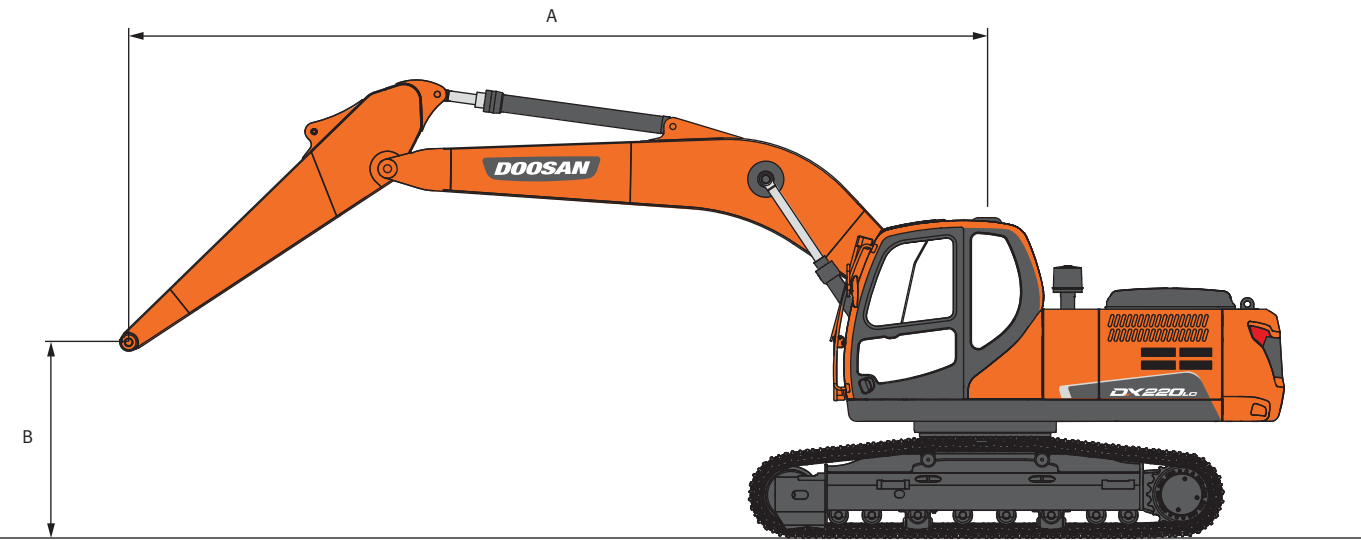
: Rating Over Front

: Rating Over Side or 360 Degree



# LIFTING CAPACITY

DX220LC-7M



## STANDARD

### Metric

Boom : 5,700 mm (18' 7")    Arm : 2,900 mm (9' 5")    Shoe : 600 mm (2' 0")    Counter Weight : 4,100 kg (9,038 lb)    LC track    Unit : 1,000kg

B(m)	A(m)	1.5		2		2.5		3		3.5		4		4.5		5		5.5	
8																			
7.5																			
7																			
6.5																			
6																			
5.5																		5.05 *	5.05 *
5																		5.26 *	5.26 *
4.5																5.80 *	5.80 *	5.52 *	5.52 *
4										8.17 *	8.17 *	7.30 *	7.30 *	6.67 *	6.67 *	6.19 *	6.19 *	5.82 *	5.61
3.5								11.04 *	11.04 *	9.22 *	9.22 *	8.04 *	8.04 *	7.21 *	7.21 *	6.60 *	6.35	6.13 *	5.5
3										10.28 *	10.28 *	8.79 *	8.67	7.77 *	7.26	7.02 *	6.2	6.46 *	5.38
2.5										11.26 *	10.25	9.51 *	8.39	8.31 *	7.06	7.44 *	6.05	6.79 *	5.26
2										8.54 *	8.54 *	10.13 *	8.16	8.80 *	6.88	7.83 *	5.91	7.10 *	5.16
1.5										7.40 *	7.40 *	10.62 *	7.96	9.21 *	6.72	8.17 *	5.79	7.37 *	5.06
1										7.28 *	7.28 *	10.97 *	7.82	9.53 *	6.6	8.45 *	5.68	7.61 *	4.97
0.5										7.74 *	7.74 *	11.19 *	7.72	9.76 *	6.5	8.66 *	5.6	7.80 *	4.9
0								5.71 *	5.71 *	8.56 *	8.56 *	11.28 *	7.66	9.90 *	6.44	8.80 *	5.54	7.93 *	4.85
-0.5						5.11 *	5.11 *	6.97 *	6.97 *	9.66 *	9.41	11.28 *	7.62	9.95 *	6.39	8.88 *	5.49	7.92	4.8
-1				5.40 *	5.40 *	6.58 *	6.58 *	8.34 *	8.34 *	10.99 *	9.42	11.19 *	7.61	9.92 *	6.37	8.87 *	5.47	7.89	4.78
-1.5	6.23 *	6.23 *	6.90 *	6.90 *	8.05 *	8.05 *	9.84 *	9.84 *	12.45 *	9.44	11.01 *	7.61	9.80 *	6.36	8.80 *	5.46	7.88	4.77	
-2	7.64 *	7.64 *	8.38 *	8.38 *	9.61 *	9.61 *	11.51 *	11.51 *	12.10 *	9.47	10.75 *	7.63	9.61 *	6.37	8.65 *	5.46	7.83 *	4.77	
-2.5	9.07 *	9.07 *	9.93 *	9.93 *	11.30 *	11.30 *	13.14 *	12.5	11.65 *	9.52	10.39 *	7.67	9.33 *	6.4	8.41 *	5.48	7.62 *	4.78	
-3	10.60 *	10.60 *	11.62 *	11.62 *	13.21 *	13.21 *	12.46 *	12.46 *	11.10 *	9.59	9.94 *	7.72	8.94 *	6.44	8.08 *	5.51	7.32 *	4.81	
-3.5	12.28 *	12.28 *	13.53 *	13.53 *	13.13 *	13.13 *	11.65 *	11.65 *	10.42 *	9.68	9.36 *	7.79	8.44 *	6.5	7.62 *	5.56	6.88 *	4.86	
-4			13.57 *	13.57 *	11.95 *	11.95 *	10.66 *	10.66 *	9.57 *	9.57 *	8.63 *	7.88	7.78 *	6.57	7.00 *	5.63	6.25 *	4.93	
-4.5					10.51 *	10.51 *	9.45 *	9.45 *	8.52 *	8.52 *	7.68 *	7.68 *	6.89 *	6.68	6.11 *	5.74	5.25 *	5.05	
-5									7.16 *	7.16 *	6.41 *	6.41 *	5.63 *	5.63 *					

1. LOAD POINT IS THE END OF THE ARM.

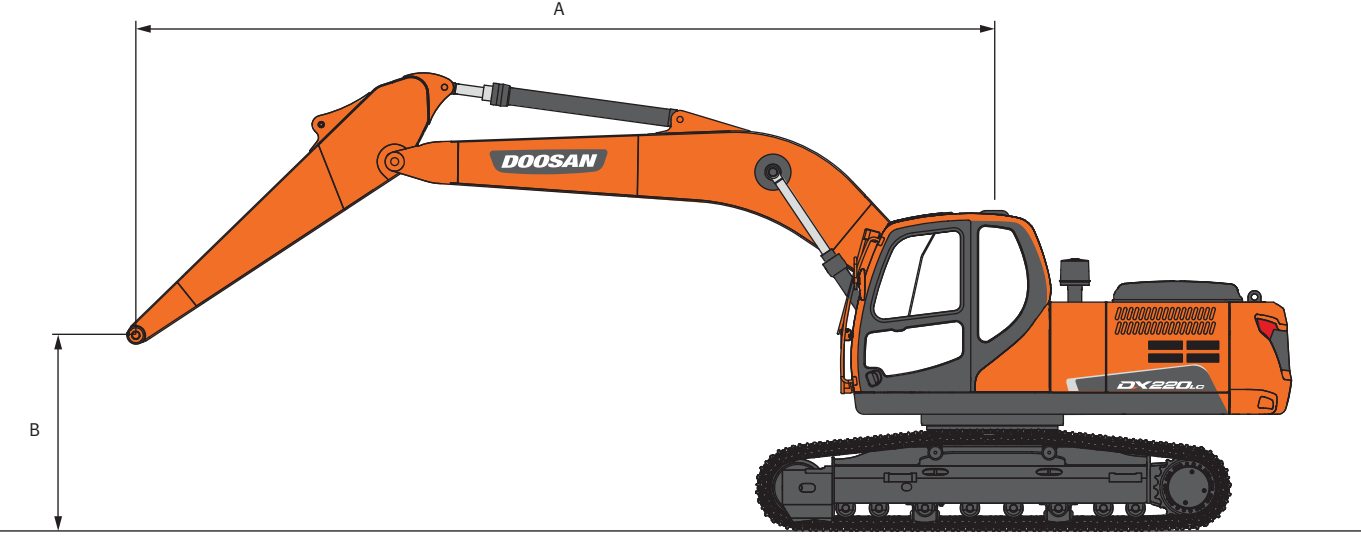
2. CAPACITIES MARKED WITH AN ASTERISK (\*) ARE LIMITED BY HYDRAULIC CAPACITIES.

3. LIFT CAPACITIES SHOWN DO NOT EXCEED 75 % OF MINIMUM TIPPING LOADS OR 87 % OF HYDRAULIC CAPACITIES.

4. THE LEAST STABLE POSITION IS OVER THE SIDE.

5. LIFT CAPACITIES APPLY ONLY TO THE MACHINE AS ORIGINALLY MANUFACTURED AND NORMALLY EQUIPPED BY THE MANUFACTURER.

6. LIFT CAPACITIES ARE IN COMPLIANCE WITH ISO 10567.
- : Rating Over Front
- : Rating Over Side or 360 Degree



### Metric

Boom : 5,700 mm (18' 7")    Arm : 2,900 mm (9' 5")    Shoe : 600 mm (2' 0")    Counter Weight : 4,100 kg (9,038 lb)    LC track    Unit : 1,000kg

B(m)	A(m)	6		6.5		7		7.5		8		Max. Reach		
														A(m)
8												4.24 *	4.24 *	5.70
7.5		4.66 *	4.66 *									4.06 *	4.06 *	6.20
7		4.79 *	4.79 *	4.38 *	4.38 *							3.93 *	3.93 *	6.63
6.5		4.78 *	4.78 *	4.79 *	4.52							3.84 *	3.84 *	6.99
6		4.83 *	4.83 *	4.80 *	4.51	4.80 *	3.97					3.77 *	3.66	7.31
5.5		4.94 *	4.94 *	4.86 *	4.48	4.81 *	3.95	4.07 *	3.5			3.74 *	3.43	7.57
5		5.10 *	5.05	4.97 *	4.44	4.88 *	3.93	4.83 *	3.49			3.72 *	3.25	7.80
4.5		5.30 *	4.98	5.12 *	4.39	4.98 *	3.89	4.88 *	3.47			3.72 *	3.1	7.99
4		5.52 *	4.9	5.29 *	4.32	5.10 *	3.84	4.96 *	3.44	4.44 *	3.08	3.73 *	2.98	8.14
3.5		5.77 *	4.81	5.48 *	4.26	5.25 *	3.79	5.06 *	3.4	4.76	3.05	3.77 *	2.89	8.26
3		6.03 *	4.72	5.68 *	4.19	5.40 *	3.74	5.18 *	3.36	4.73	3.03	3.82 *	2.82	8.35
2.5		6.28 *	4.63	5.88 *	4.12	5.56 *	3.68	5.19	3.32	4.7	3	3.88 *	2.77	8.40
2		6.53 *	4.55	6.08 *	4.05	5.71 *	3.63	5.15	3.27	4.66	2.97	3.97 *	2.73	8.43
1.5		6.75 *	4.47	6.26 *	3.99	5.67	3.58	5.11	3.24	4.63	2.94	4.07 *	2.72	8.42
1		6.95 *	4.4	6.28	3.93	5.62	3.54	5.07	3.2	4.6	2.91	4.20 *	2.71	8.39
0.5		7.03	4.34	6.23	3.88	5.57	3.5	5.03	3.17	4.58	2.89	4.33	2.73	8.32
0		6.97	4.29	6.18	3.84	5.54	3.46	5.01	3.15	4.56	2.87	4.39	2.77	8.22
-0.5		6.93	4.26	6.15	3.81	5.51	3.44	4.99	3.13	4.55	2.86	4.48	2.82	8.09
-1		6.9	4.23	6.13	3.79	5.5	3.43	4.98	3.12			4.61	2.9	7.93
-1.5		6.89	4.22	6.12	3.78	5.49	3.42	4.98	3.12			4.78	3	7.73
-2		6.89	4.22	6.12	3.79	5.5	3.43					5.01	3.15	7.49
-2.5		6.91	4.24	6.14	3.8	5.53	3.45					5.31	3.33	7.21
-3		6.62 *	4.27	5.96 *	3.84							5.42 *	3.57	6.88
-3.5		6.17 *	4.32									5.41 *	3.91	6.49
-4		5.44 *	4.4									5.37 *	4.37	6.04
-4.5												5.25 *	5.04	5.50
-5												4.99 *	4.99 *	4.85

1. LOAD POINT IS THE END OF THE ARM.

2. CAPACITIES MARKED WITH AN ASTERISK (\*) ARE LIMITED BY HYDRAULIC CAPACITIES.

3. LIFT CAPACITIES SHOWN DO NOT EXCEED 75 % OF MINIMUM TIPPING LOADS OR 87 % OF HYDRAULIC CAPACITIES.

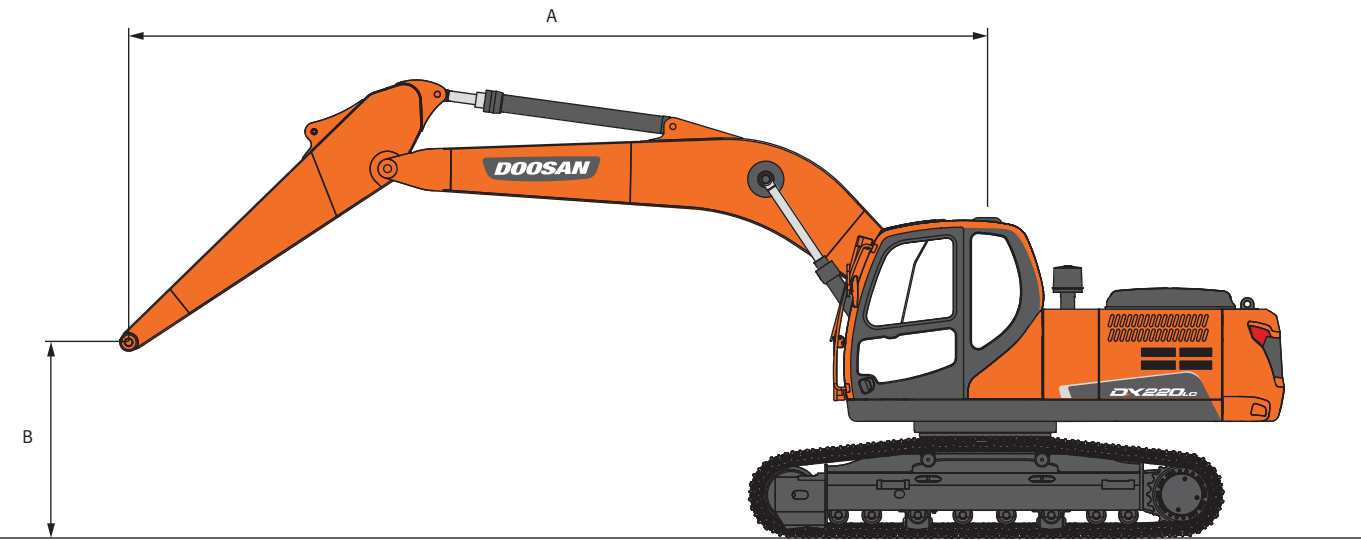
4. THE LEAST STABLE POSITION IS OVER THE SIDE.

5. LIFT CAPACITIES APPLY ONLY TO THE MACHINE AS ORIGINALLY MANUFACTURED AND NORMALLY EQUIPPED BY THE MANUFACTURER.

6. LIFT CAPACITIES ARE IN COMPLIANCE WITH ISO 10567.
- : Rating Over Front
- : Rating Over Side or 360 Degree

# LIFTING CAPACITY

DX220LC-7M



## OPTION

### Metric

Boom : 5,700 mm (18' 7")    Arm : 2,900 mm (9' 5")    Shoe : 800 mm (2' 6")    Counter Weight : 4,100 kg (9,038 lb)    LC track    Unit : 1,000kg

B(m)	A(m)	1.5		2		2.5		3		3.5		4		4.5		5		5.5	
8																			
7.5																			
7																			
6.5																			
6																			
5.5																		5.05 *	5.05 *
5																		5.26 *	5.26 *
4.5																5.80 *	5.80 *	5.52 *	5.52 *
4																6.19 *	6.19 *	5.82 *	5.76
3.5								11.04 *	11.04 *	9.22 *	9.22 *	8.04 *	8.04 *	7.21 *	7.21 *	6.60 *	6.52	6.13 *	5.64
3										10.28 *	10.28 *	8.79 *	8.79 *	7.77 *	7.45	7.02 *	6.37	6.46 *	5.53
2.5										11.26 *	10.53	9.51 *	8.62	8.31 *	7.25	7.44 *	6.22	6.79 *	5.41
2										8.54 *	8.54 *	10.13 *	8.38	8.80 *	7.07	7.83 *	6.08	7.10 *	5.3
1.5										7.40 *	7.40 *	10.62 *	8.19	9.21 *	6.91	8.17 *	5.95	7.37 *	5.2
1										7.28 *	7.28 *	10.97 *	8.05	9.53 *	6.79	8.45 *	5.85	7.61 *	5.12
0.5										7.74 *	7.74 *	11.19 *	7.95	9.76 *	6.7	8.66 *	5.77	7.80 *	5.05
0								5.71 *	5.71 *	8.56 *	8.56 *	11.28 *	7.88	9.90 *	6.63	8.80 *	5.7	7.93 *	4.99
-0.5						5.11 *	5.11 *	6.97 *	6.97 *	9.66 *	9.66 *	11.28 *	7.85	9.95 *	6.58	8.88 *	5.66	8.00 *	4.95
-1				5.40 *	5.40 *	6.58 *	6.58 *	8.34 *	8.34 *	10.99 *	9.69	11.19 *	7.83	9.92 *	6.56	8.87 *	5.63	8.01 *	4.92
-1.5	6.23 *	6.23 *	6.90 *	6.90 *	8.05 *	8.05 *	9.84 *	9.84 *	12.45 *	9.71	11.01 *	7.84	9.80 *	6.55	8.80 *	5.62	7.96 *	4.91	
-2	7.64 *	7.64 *	8.38 *	8.38 *	9.61 *	9.61 *	11.51 *	11.51 *	12.10 *	9.75	10.75 *	7.86	9.61 *	6.56	8.65 *	5.63	7.83 *	4.91	
-2.5	9.07 *	9.07 *	9.93 *	9.93 *	11.30 *	11.30 *	13.14 *	12.85	11.65 *	9.8	10.39 *	7.89	9.33 *	6.59	8.41 *	5.64	7.62 *	4.93	
-3	10.60 *	10.60 *	11.62 *	11.62 *	13.21 *	13.21 *	12.46 *	12.46 *	11.10 *	9.87	9.94 *	7.94	8.94 *	6.63	8.08 *	5.68	7.32 *	4.96	
-3.5	12.28 *	12.28 *	13.53 *	13.53 *	13.13 *	13.13 *	11.65 *	11.65 *	10.42 *	9.96	9.36 *	8.01	8.44 *	6.69	7.62 *	5.73	6.88 *	5.01	
-4			13.57 *	13.57 *	11.95 *	11.95 *	10.66 *	10.66 *	9.57 *	9.57 *	8.63 *	8.11	7.78 *	6.77	7.00 *	5.8	6.25 *	5.08	
-4.5					10.51 *	10.51 *	9.45 *	9.45 *	8.52 *	8.52 *	7.68 *	7.68 *	6.89 *	6.87	6.11 *	5.9	5.25 *	5.19	
-5									7.16 *	7.16 *	6.41 *	6.41 *	5.63 *	5.63 *					

1. LOAD POINT IS THE END OF THE ARM.

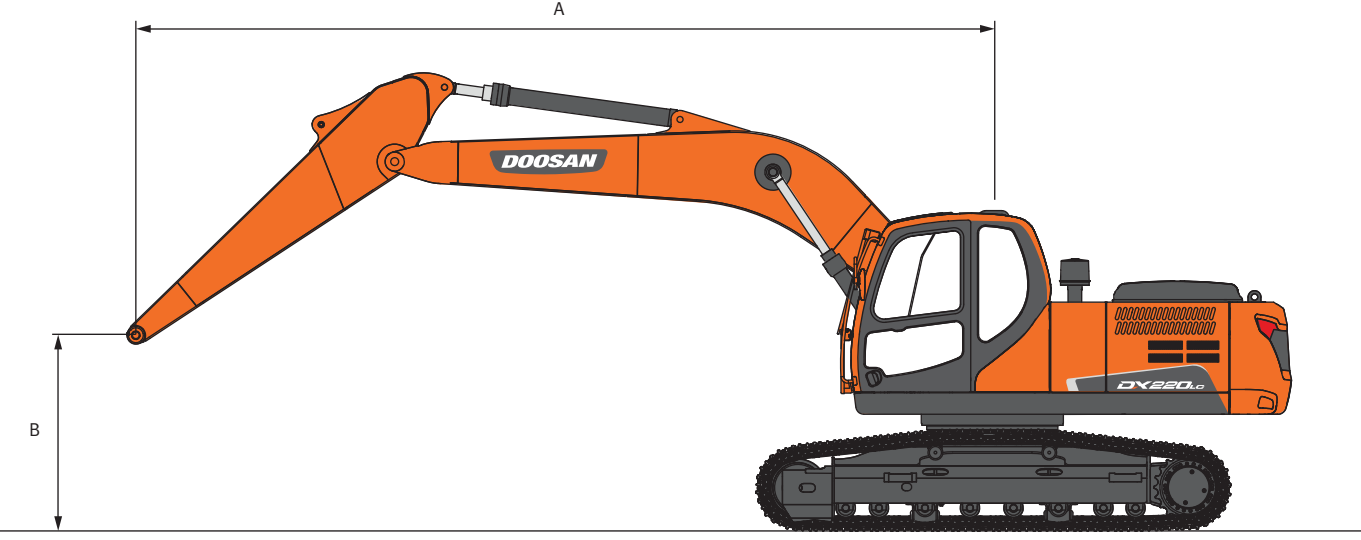
2. CAPACITIES MARKED WITH AN ASTERISK (\*) ARE LIMITED BY HYDRAULIC CAPACITIES.

3. LIFT CAPACITIES SHOWN DO NOT EXCEED 75 % OF MINIMUM TIPPING LOADS OR 87 % OF HYDRAULIC CAPACITIES.

4. THE LEAST STABLE POSITION IS OVER THE SIDE.

5. LIFT CAPACITIES APPLY ONLY TO THE MACHINE AS ORIGINALLY MANUFACTURED AND NORMALLY EQUIPPED BY THE MANUFACTURER.

6. LIFT CAPACITIES ARE IN COMPLIANCE WITH ISO 10567.
- : Rating Over Front
- : Rating Over Side or 360 Degree



### Metric

Boom : 5,700 mm (18' 7")    Arm : 2,900 mm (9' 5")    Shoe : 800 mm (2' 6")    Counter Weight : 4,100 kg (9,038 lb)    LC track    Unit : 1,000kg

B(m)	A(m)	6		6.5		7		7.5		8		Max. Reach		
														A(m)
8												4.24 *	4.24 *	5.70
7.5		4.66 *	4.66 *									4.06 *	4.06 *	6.20
7		4.79 *	4.79 *	4.38 *	4.38 *							3.93 *	3.93 *	6.63
6.5		4.78 *	4.78 *	4.79 *	4.64							3.84 *	3.84 *	6.99
6		4.83 *	4.83 *	4.80 *	4.63	4.80 *	4.07					3.77 *	3.77 *	7.31
5.5		4.94 *	4.94 *	4.86 *	4.6	4.81 *	4.06	4.07 *	3.6			3.74 *	3.53	7.57
5		5.10 *	5.10 *	4.97 *	4.56	4.88 *	4.03	4.83 *	3.59			3.72 *	3.34	7.80
4.5		5.30 *	5.11	5.12 *	4.5	4.98 *	4	4.88 *	3.57			3.72 *	3.19	7.99
4		5.52 *	5.03	5.29 *	4.44	5.10 *	3.95	4.96 *	3.53	4.44 *	3.17	3.73 *	3.07	8.14
3.5		5.77 *	4.94	5.48 *	4.38	5.25 *	3.9	5.06 *	3.5	4.91	3.15	3.77 *	2.98	8.26
3		6.03 *	4.85	5.68 *	4.31	5.40 *	3.85	5.18 *	3.46	4.88	3.12	3.82 *	2.91	8.35
2.5		6.28 *	4.77	5.88 *	4.24	5.56 *	3.79	5.30 *	3.42	4.84	3.09	3.88 *	2.85	8.40
2		6.53 *	4.68	6.08 *	4.17	5.71 *	3.74	5.31	3.37	4.81	3.06	3.97 *	2.82	8.43
1.5		6.75 *	4.6	6.26 *	4.1	5.84	3.69	5.27	3.33	4.78	3.03	4.07 *	2.8	8.42
1		6.95 *	4.53	6.41 *	4.05	5.79	3.64	5.23	3.3	4.75	3	4.20 *	2.8	8.39
0.5		7.11 *	4.47	6.42	4	5.75	3.6	5.19	3.27	4.73	2.98	4.36 *	2.82	8.32
0		7.19	4.42	6.38	3.96	5.72	3.57	5.17	3.24	4.71	2.97	4.53	2.86	8.22
-0.5		7.15	4.39	6.34	3.93	5.69	3.55	5.15	3.23	4.7	2.96	4.63	2.91	8.09
-1		7.12	4.36	6.32	3.91	5.67	3.53	5.14	3.22			4.76	2.99	7.93
-1.5		7.11	4.35	6.31	3.9	5.67	3.53	5.14	3.22			4.94	3.1	7.73
-2		7.11	4.35	6.31	3.9	5.68	3.54					5.18	3.25	7.49
-2.5		6.93 *	4.37	6.30 *	3.92	5.68 *	3.56					5.40 *	3.43	7.21
-3		6.62 *	4.4	5.96 *	3.95							5.42 *	3.68	6.88
-3.5		6.17 *	4.45									5.41 *	4.03	6.49
-4		5.44 *	4.53									5.37 *	4.5	6.04
-4.5												5.25 *	5.19	5.50
-5												4.99 *	4.99 *	4.85

1. LOAD POINT IS THE END OF THE ARM.

2. CAPACITIES MARKED WITH AN ASTERISK (\*) ARE LIMITED BY HYDRAULIC CAPACITIES.

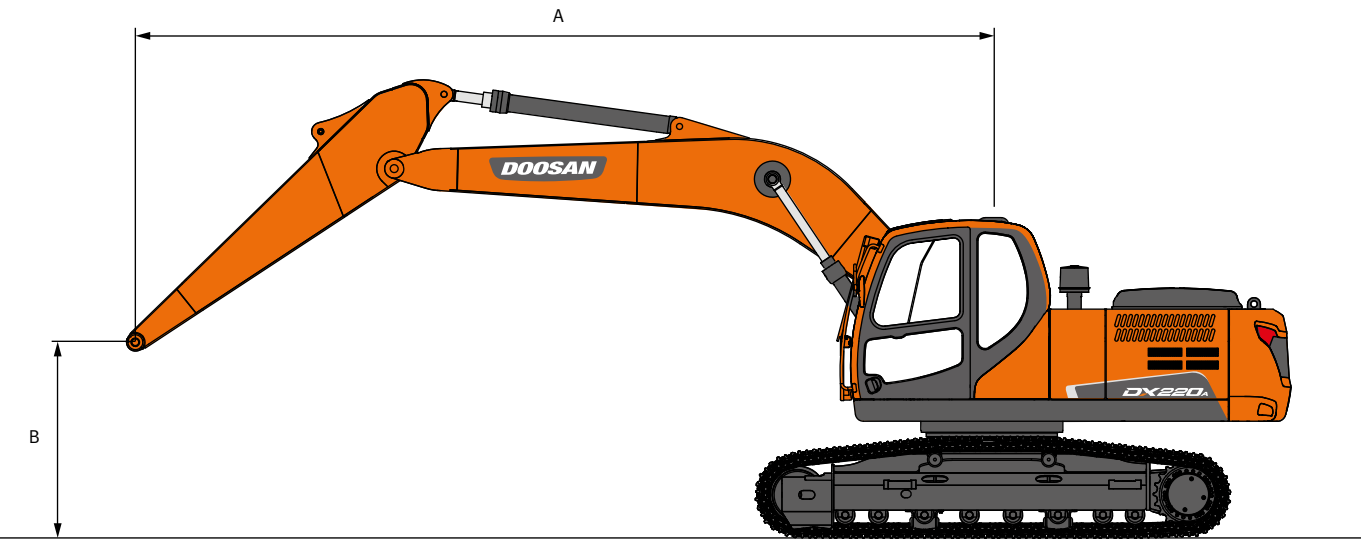
3. LIFT CAPACITIES SHOWN DO NOT EXCEED 75 % OF MINIMUM TIPPING LOADS OR 87 % OF HYDRAULIC CAPACITIES.

4. THE LEAST STABLE POSITION IS OVER THE SIDE.

5. LIFT CAPACITIES APPLY ONLY TO THE MACHINE AS ORIGINALLY MANUFACTURED AND NORMALLY EQUIPPED BY THE MANUFACTURER.

6. LIFT CAPACITIES ARE IN COMPLIANCE WITH ISO 10567.
- : Rating Over Front
- : Rating Over Side or 360 Degree

# LIFTING CAPACITY



## STANDARD

### Metric

Boom : 5,700 mm (18' 7") Arm : 2,900 mm (9' 5") Shoe : 600 mm (2' 0") Counter Weight : 3,840 kg (8,466 lb) STD track Unit : 1,000kg

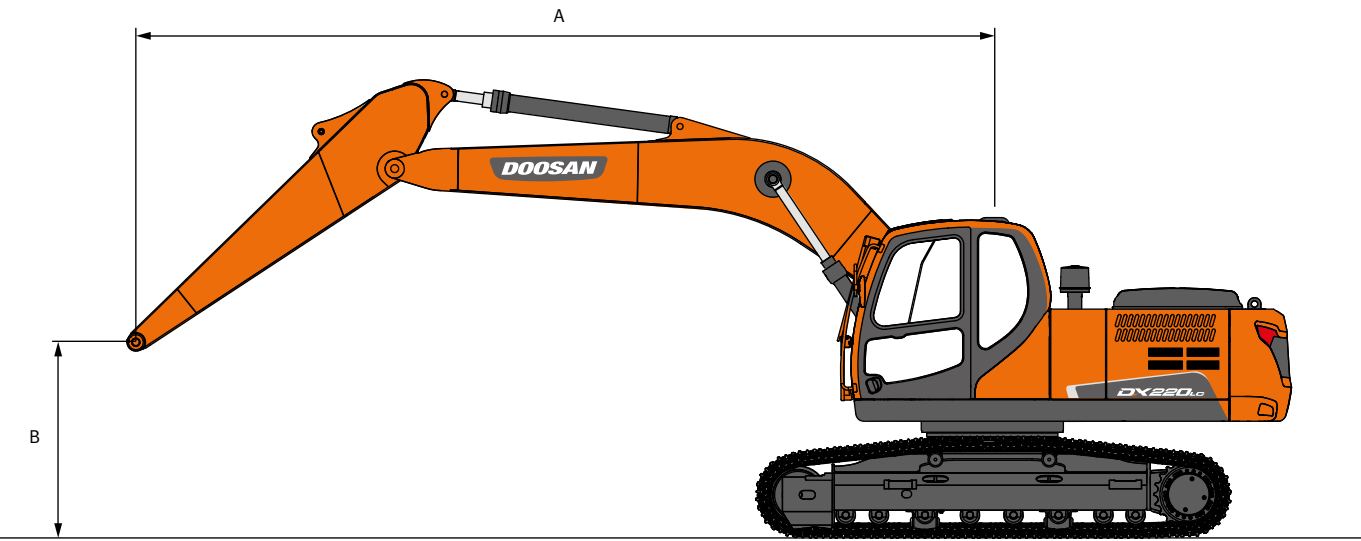
B(m)	A(m)	1.5		3		4.5		6		7.5		Max. Reach		A(m)
7.5								4.66 *	4.61			4.05 *	4.05 *	6.20
6								4.81 *	4.61			3.76 *	3.25	7.31
4.5								5.27 *	4.43	4.53	3.06	3.70 *	2.73	7.99
3						7.72 *	6.38	5.99 *	4.17	4.41	2.95	3.71	2.46	8.35
1.5						9.15 *	5.85	5.97	3.91	4.28	2.83	3.59	2.36	8.42
0				5.70 *	5.70 *	8.95	5.56	5.78	3.73	4.18	2.73	3.67	2.4	8.23
-1.5	6.22 *	6.22 *	9.82 *	9.82 *	8.86	5.49	5.7	3.66	4.16	2.71		3.99	2.61	7.74
-3	10.59 *	10.59 *	12.38 *	10.69	8.88 *	5.56	5.75	3.71				4.76	3.11	6.88
-4.5				9.38 *	9.38 *	6.84 *	5.81					5.20 *	4.4	5.51

### Feet

Unit : 1,000 lb

B(ft)	A(ft)	5		10		15		20		25		Max. Reach		A(m)
25								10.26 *	10.16			8.92 *	8.92 *	20.33
20								10.61 *	10.16			8.29 *	7.16	23.97
15								11.61 *	9.77	10	6.75	8.16 *	6.01	26.21
10						17.02 *	14.07	13.20 *	9.19	9.73	6.51	8.18	5.43	27.39
5						20.17 *	12.89	13.17	8.62	9.44	6.23	7.92	5.21	27.64
0				12.56 *	12.56 *	19.73	12.26	12.73	8.23	9.22	6.03	8.09	5.3	26.99
-5	13.71 *	13.71 *	21.66 *	21.66 *	19.54	12.1	12.56	8.07	9.17	5.98		8.8	5.75	25.38
-10	23.34 *	23.34 *	27.29 *	23.57	19.58 *	12.26	12.67	8.17				10.49	6.86	22.59
-15				20.68 *	20.68 *	15.09 *	12.81					11.46 *	9.71	18.07

- Load point is the end of the arm.
  - Capacities marked with an asterisk (\*) are limited by hydraulic capacities.
  - Lift capacities shown do not exceed 75 % of minimum tipping loads or 87 % of hydraulic capacities.
  - The least stable position is over the side.
  - Lift capacities apply only to the machine as originally manufactured and normally equipped by the manufacturer.
  - Lift capacities are in compliance with iso 10567.
- : Rating Over Front
- : Rating Over Side or 360 Degree



## OPTION

### Metric

Boom : 5,700 mm (18' 7") Arm : 2,900 mm (9' 5") Shoe : 800 mm (2' 6") Counter Weight : 3,840 kg (8,466 lb) LC track Unit : 1,000kg

B(m)	A(m)	1.5		3		4.5		6		7.5		Max. Reach		A(m)
7.5								4.66 *	4.66 *			4.05 *	4.05 *	6.20
6								4.81 *	4.81 *			3.76 *	3.53	7.31
4.5								5.27 *	4.81	4.85 *	3.33	3.70 *	2.97	7.99
3						7.72 *	7	5.99 *	4.54	4.98	3.22	3.80 *	2.69	8.35
1.5						9.15 *	6.45	6.71 *	4.28	4.85	3.09	4.05 *	2.59	8.42
0				5.70 *	5.70 *	9.83 *	6.15	6.61	4.1	4.74	3	4.15	2.63	8.23
-1.5	6.22 *	6.22 *	9.82 *	9.82 *	9.74 *	6.08	6.53	4.03	4.72	2.98		4.52	2.86	7.74
-3	10.59 *	10.59 *	12.38 *	12.09	8.88 *	6.16	6.58 *	4.07				5.38 *	3.41	6.88
-4.5				9.38 *	9.38 *	6.84 *	6.41					5.20 *	4.83	5.51

### Feet

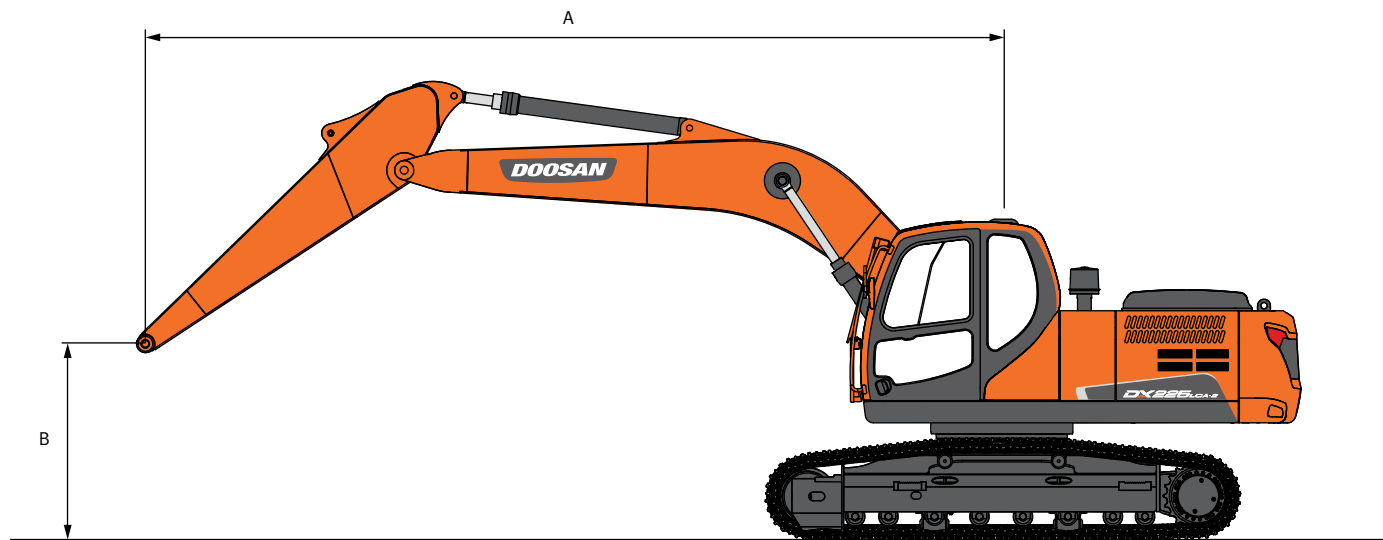
Unit : 1,000 lb

B(ft)	A(ft)	5		10		15		20		25		Max. Reach		A(m)
25								10.26 *	10.26 *			8.92 *	8.92 *	20.33
20								10.61 *	10.61 *			8.29 *	7.78	23.97
15								11.61 *	10.61	10.70 *	7.34	8.16 *	6.55	26.21
10						17.02 *	15.43	13.20 *	10.02	10.99	7.09	8.37 *	5.94	27.39
5						20.17 *	14.22	14.79 *	9.44	10.68	6.82	8.92 *	5.71	27.64
0				12.56 *	12.56 *	21.68 *	13.57	12.73	9.04	10.46	6.61	9.15	5.81	26.99
-5	13.71 *	13.71 *	21.66 *	21.66 *	21.47 *	13.4	14.57	8.88	10.4	6.56		9.97	6.31	25.38
-10	23.34 *	23.34 *	27.29 *	26.64	19.58 *	13.57	14.51 *	8.98				11.85 *	7.52	22.59
-15				20.68 *	20.68 *	15.09 *	14.13					11.46 *	10.64	18.07

- Load point is the end of the arm.
  - Capacities marked with an asterisk (\*) are limited by hydraulic capacities.
  - Lift capacities shown do not exceed 75 % of minimum tipping loads or 87 % of hydraulic capacities.
  - The least stable position is over the side.
  - Lift capacities apply only to the machine as originally manufactured and normally equipped by the manufacturer.
  - Lift capacities are in compliance with iso 10567.
- : Rating Over Front
- : Rating Over Side or 360 Degree

# LIFTING CAPACITY

DX225LCA-2



## STANDARD

### Metric

Boom : 5,700 mm (18' 7")    Arm : 2,900 mm (9' 5")    Shoe : 800 mm (2' 6")    Counter Weight : 3,840 kg (8,466 lb)    STD track    Unit : 1,000 kg

B(m)	A(m)		1.5		3		4.5		6		7.5		Max. Reach		A(m)
7.5									4.66 *	4.61			4.05 *	4.05 *	6.20
6									4.81 *	4.61			3.76 *	3.25	7.31
4.5									5.27 *	4.43	4.53	3.06	3.70 *	2.73	7.99
3							7.72 *	6.38	5.99 *	4.17	4.41	2.95	3.71	2.46	8.35
1.5							9.15 *	5.85	5.97	3.91	4.28	2.83	3.59	2.36	8.42
0				5.70 *	5.70 *	8.95	5.56	5.78	3.73	4.18	2.73	3.67	2.4		8.23
-1.5	6.22 *	6.22 *	9.82 *	9.82 *	8.86	5.49	5.7	3.66	4.16	2.71	3.99	2.61	7.74		
-3	10.59 *	10.59 *	12.38 *	10.69	8.88 *	5.56	5.75	3.71				4.76	3.11	6.88	
-4.5				9.38 *	9.38 *	6.84 *	5.81					5.20 *	4.4	5.51	

### Feet

Unit : 1,000 lb

B(ft)	A(ft)		5		10		15		20		25		Max. Reach		A(m)
25									10.26 *	10.16			8.92 *	8.92 *	20.33
20									10.61 *	10.16			8.29 *	7.16	23.97
15									11.61 *	9.77	10	6.75	8.16 *	6.01	26.21
10							17.02 *	14.07	13.20 *	9.19	9.73	6.51	8.18	5.43	27.39
5							20.17 *	12.89	13.17	8.62	9.44	6.23	7.92	5.21	27.64
0				12.56 *	12.56 *	19.73	12.26	12.73	8.23	9.22	6.03	8.09	5.3		26.99
-5	13.71 *	13.71 *	21.66 *	21.66 *	19.54	12.1	12.56	8.07	9.17	5.98		8.8	5.75		25.38
-10	23.34 *	23.34 *	27.29 *	23.57	19.58 *	12.26	12.67	8.17				10.49	6.86		22.59
-15				20.68 *	20.68 *	15.09 *	12.81					11.46 *	9.71		18.07

1. Load point is the end of the arm.

2. Capacities marked with an asterisk (\*) are limited by hydraulic capacities.

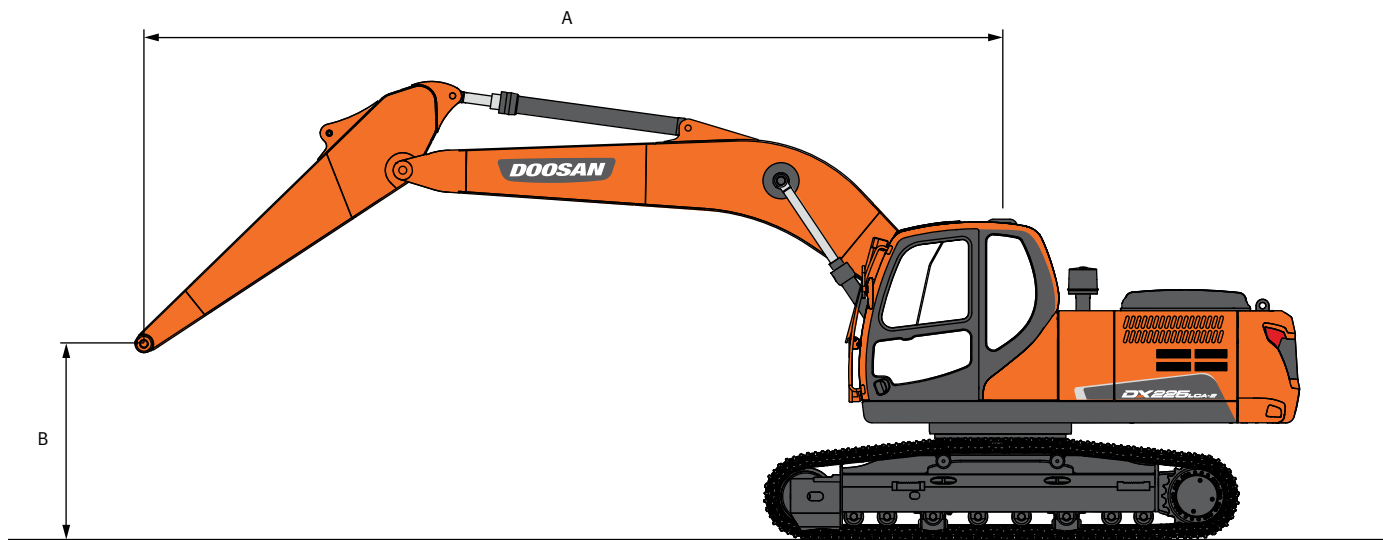
3. Lift capacities shown do not exceed 75 % of minimum tipping loads or 87 % of hydraulic capacities.

4. The least stable position is over the side.

5. Lift capacities apply only to the machine as originally manufactured and normally equipped by the manufacturer.

6. Lift capacities are in compliance with iso 10567.
- : Rating Over Front

: Rating Over Side or 360 Degree



## OPTION

### Metric

Boom : 5,700 mm (18' 7")    Arm : 2,900 mm (9' 5")    Shoe : 600 mm (2' 0")    Counter Weight : 3,840 kg (8,466 lb)    LC track    Unit : 1,000 kg

B(m)	A(m)		1.5		3		4.5		6		7.5		Max. Reach		A(m)
7.5									4.66 *	4.66 *			4.05 *	4.05 *	6.20
6									4.81 *	4.81 *			3.76 *	3.53	7.31
4.5									5.27 *	4.81	4.85 *	3.33	3.70 *	2.97	7.99
3							7.72 *	7	5.99 *	4.54	4.98	3.22	3.80 *	2.69	8.35
1.5							9.15 *	6.45	6.71 *	4.28	4.85	3.09	4.05 *	2.59	8.42
0				5.70 *	5.70 *	9.83 *	6.15	6.61	4.1	4.74	3	4.15	2.63		8.23
-1.5	6.22 *	6.22 *	9.82 *	9.82 *	9.74 *	6.08	6.53	4.03	4.72	2.98		4.52	2.86	7.74	
-3	10.59 *	10.59 *	12.38 *	12.09	8.88 *	6.16	6.58 *	4.07				5.38 *	3.41	6.88	
-4.5				9.38 *	9.38 *	6.84 *	6.41					5.20 *	4.83	5.51	

### Feet

Unit : 1,000 lb

B(ft)	A(ft)		5		10		15		20		25		Max. Reach		A(m)
25									10.26 *	10.26 *			8.92 *	8.92 *	20.33
20									10.61 *	10.61 *			8.29 *	7.78	23.97
15									11.61 *	10.61	10.70 *	7.34	8.16 *	6.55	26.21
10							17.02 *	15.43	13.20 *	10.02	10.99	7.09	8.37 *	5.94	27.39
5							20.17 *	14.22	14.79 *	9.44	10.68	6.82	8.92 *	5.71	27.64
0				12.56 *	12.56 *	21.68 *	13.57	14.57	9.04	10.46	6.61	9.15	5.81		26.99
-5	13.71 *	13.71 *	21.66 *	21.66 *	21.47 *	13.4	14.39	8.88	10.4	6.56	9.97	6.31			25.38
-10	23.34 *	23.34 *	27.29 *	26.64	19.58 *	13.57	14.51 *	8.98				11.85 *	7.52		22.59
-15				20.68 *	20.68 *	15.09 *	14.13					11.46 *	10.64		18.07

1. Load point is the end of the arm.

2. Capacities marked with an asterisk (\*) are limited by hydraulic capacities.

3. Lift capacities shown do not exceed 75 % of minimum tipping loads or 87 % of hydraulic capacities.

4. The least stable position is over the side.

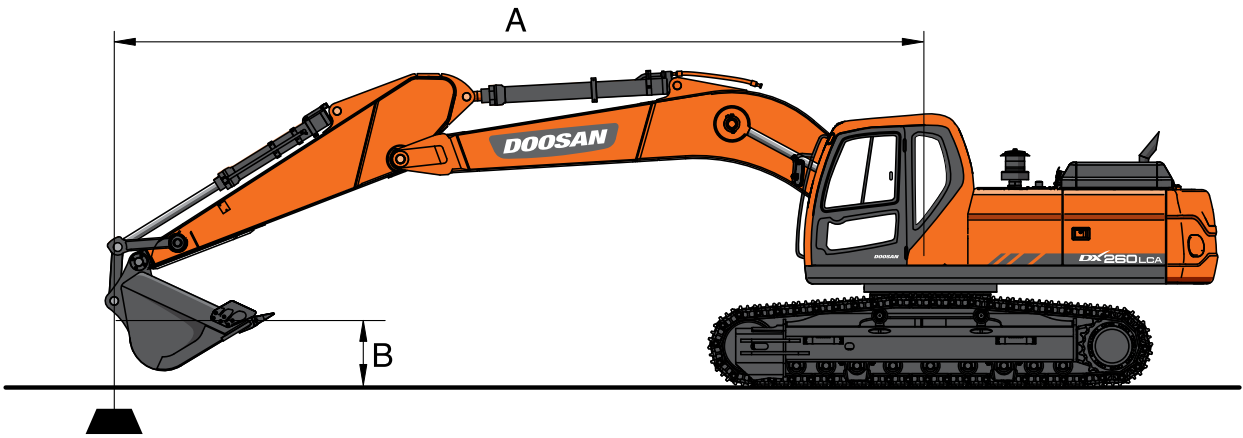
5. Lift capacities apply only to the machine as originally manufactured and normally equipped by the manufacturer.

6. Lift capacities are in compliance with iso 10567.
- : Rating Over Front

: Rating Over Side or 360 Degree



# LIFTING CAPACITY



## Standard

### Metric

Boom : 5.9m One-Piece Boom    Arm : 2.5m    Bucket : Without Bucket    Shoe : 600mm    Unit : 1,000kg

A(m)	3		4.5		6		7.5		Max. Reach		A(m)
B(m)											
7.5									*6.61	*6.61	5.99
6					*6.65	*6.65			*6.23	5.14	7.12
4.5			*8.80	*8.80	*7.30	6.59	*6.64	4.67	*6.20	4.38	7.80
3			*10.96	9.55	*8.26	6.29	6.71	4.55	5.9	4.01	8.15
1.5			*12.59	9.02	*9.13	6.03	6.57	4.42	5.75	3.88	8.21
0			*13.09	8.81	*8.98	5.86	6.48	4.33	5.92	3.98	7.99
-1.5	*12.13	*12.13	*12.69	8.8	8.93	5.82			6.52	4.36	7.47
-3	*15.25	*15.25	*11.37	8.93	*8.51	5.91			*7.47	5.27	6.56
-4.5	*11.23	*11.23	*8.39	*8.39					*7.16	*7.16	5.08

## Option 1

### Metric

Boom : 5.9m One-Piece Boom    Arm : 2.5m    Bucket : Without Bucket    Shoe : 800mm    Unit : 1,000kg

A(m)	3		4.5		6		7.5		Max. Reach		A(m)
B(m)											
7.5									*6.61	*6.61	5.99
6					*6.65	*6.65			*6.23	5.27	7.12
4.5			*8.80	*8.80	*7.30	6.75	*6.64	4.79	*6.20	4.49	7.80
3			*10.96	9.79	*8.26	6.45	6.89	4.67	6.06	4.11	8.15
1.5			*12.59	9.26	*9.13	6.19	6.75	4.54	5.91	3.99	8.21
0			*13.09	9.05	9.23	6.02	6.66	4.45	6.09	4.09	7.99
-1.5	*12.13	*12.13	*12.69	9.04	9.18	5.98			6.7	4.48	7.47
-3	*15.25	*15.25	*11.37	9.17	*8.51	6.07			*7.47	5.41	6.56
-4.5	*11.23	*11.23	*8.39	*8.39					*7.16	*7.16	5.08

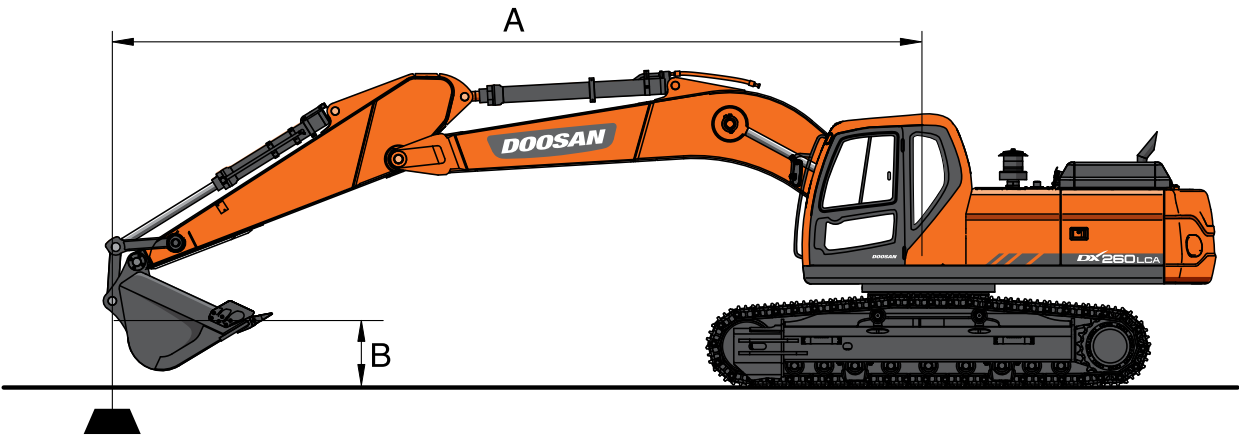
1. Ratings are based on SAE J1097
2. Load point is the end of arm.
3. \* Rated loads are based on hydraulic capacity.
4. Rated loads do not exceed 87% of hydraulic capacity or 75% of tipping capacity.



: Rating Over Front



: Rating Over Side or 360 degree



## Option 2

### Metric

Boom : 5.9m One-Piece Boom    Arm : 3.0m    Bucket : Without Bucket    Shoe : 600mm    Unit : 1,000kg

A(m)	1.5		3		4.5		6		7.5		Max. Reach		A(m)
B(m)													
7.5											*4.77	*4.77	6.64
6							*6.07	*6.07	*5.31	4.77	*4.51	*4.51	7.67
4.5							*6.78	6.65	*6.20	4.69	*4.47	3.96	8.31
3					*10.15	9.71	*7.79	6.33	*6.66	4.55	*4.61	3.65	8.64
1.5					*12.03	9.09	*8.78	6.03	6.55	4.4	*4.92	3.54	8.70
0			*6.59	*6.59	*12.92	8.77	8.95	5.83	6.43	4.29	5.38	3.62	8.49
-1.5	*7.56	*7.56	*11.47	*11.47	*12.84	8.69	8.85	5.74	6.39	4.25	5.85	3.91	8.00
-3	*12.59	*12.59	*16.55	*16.55	*11.88	8.78	*8.90	5.78			6.89	4.58	7.16
-4.5			*13.08	*13.08	*9.62	9.03					*6.97	6.26	5.83

## Option 3

### Metric

Boom : 5.9m One-Piece Boom    Arm : 3.5m    Bucket : Without Bucket    Shoe : 600mm    Unit : 1,000kg

A(m)	1.5		3		4.5		6		7.5		9		Max. Reach
B(m)													
7.5													*3.90
6									*5.44	4.81			*3.71
4.5							*6.22	*6.22	*5.75	4.71			*3.68
3					*9.29	9.29	*7.28	6.38	*6.28	4.55	*4.38	3.4	*3.79
1.5					*11.38	9.19	*8.37	6.05	6.54	4.38	4.95	3.33	*4.02
0			*7.52	*7.52	*12.61	8.77	8.93	5.8	6.39	4.24			*4.44
-1.5	*7.18	*7.18	*11.03	*11.03	*12.87	8.62	8.79	5.68	6.31	4.17			*5.15
-3	*11.19	*11.19	*16.07	*16.07	*12.25	8.64	8.79	5.67	6.34	4.2			*6.09
-4.5	*16.35	*16.35	*14.66	*14.66	*10.51	8.84	7.67	5.82					*6.70

1. Ratings are based on SAE J1097
2. Load point is the end of arm.
3. \* Rated loads are based on hydraulic capacity.
4. Rated loads do not exceed 87% of hydraulic capacity or 75% of tipping capacity.

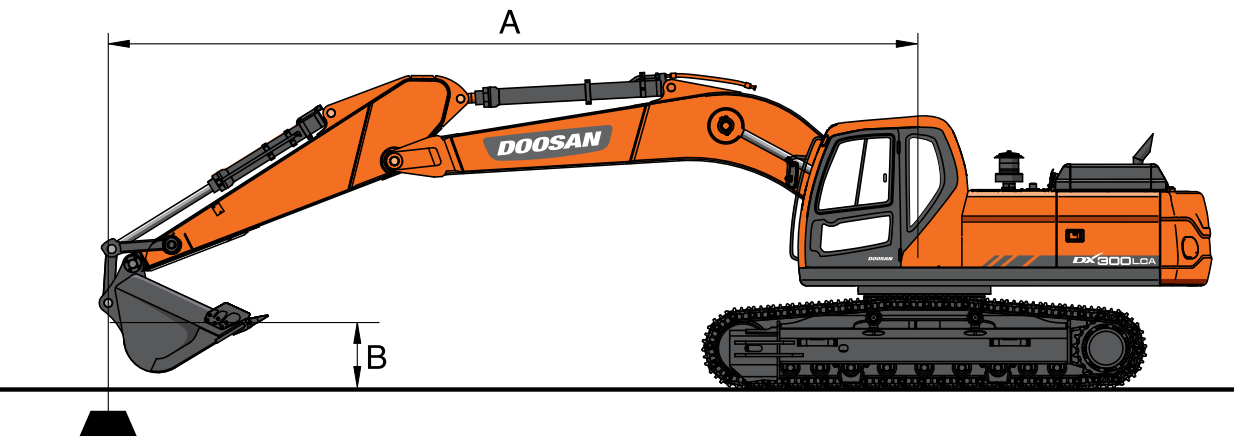


: Rating Over Front



: Rating Over Side or 360 degree

LIFTING CAPACITY



STANDARD

Metric

Boom : 6,245mm(20'6")    Arm : 3,100mm(10'2")    Bucket : SAE 1.27m³ HEAPED(CECE 1.1m³)    Shoe : 600mm(24")    Unit : 1,000kg

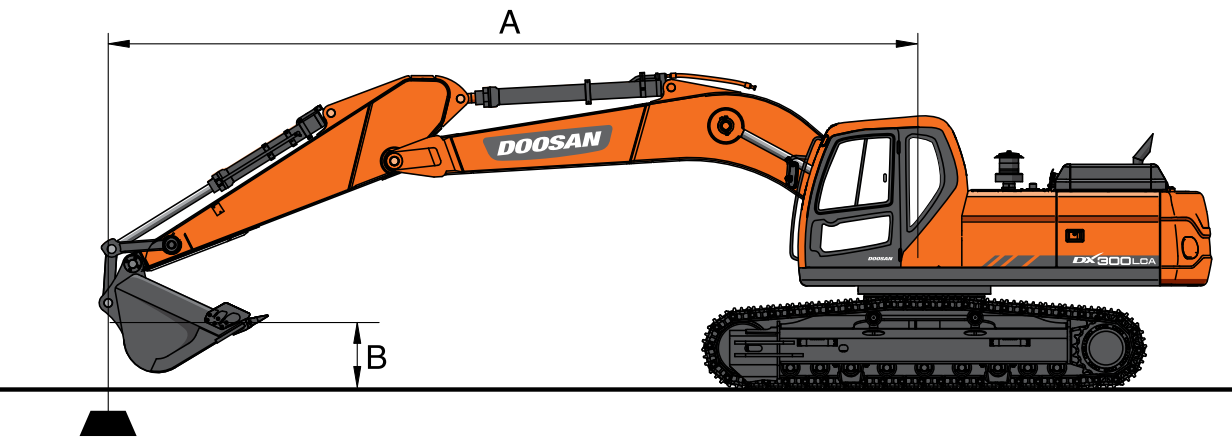
A(m)	2		3		4		5		6		7		8		9		Max. Reach		A(m)
B(m)																			A(m)
8											* 4.01	* 4.01					* 3.77	* 3.77	7.09
7											* 4.87	* 4.87					* 3.65	* 3.65	7.83
6											* 5.05	* 5.05	* 4.90	4.57			* 3.62	* 3.62	8.3
5									* 5.71	* 5.71	* 5.42	* 5.42	* 5.26	4.48			* 3.66	* 3.66	8.81
4							* 7.39	* 7.39	* 6.50	* 6.50	* 5.93	5.53	* 5.57	4.34	* 4.19	3.44	* 3.77	3.37	9.09
3			* 14.80	* 14.80	* 11.31	* 11.31	* 8.80	* 8.80	* 7.39	6.85	* 6.52	5.29	* 5.95	4.18	* 5.21	3.35	* 3.96	3.16	9.25
2			* 8.28	* 8.28	* 16.51	12.18	* 10.16	8.62	* 8.29	6.48	* 7.13	5.05	* 6.36	4.03	5.63	3.25	* 4.22	3.04	9.31
1			* 8.55	* 8.55	* 15.04	11.52	* 11.27	8.16	* 9.07	6.17	* 7.68	4.84	6.73	3.88	5.53	3.16	* 4.58	3	9.25
0			* 10.41	* 10.41	* 15.85	11.17	* 12.04	7.86	* 9.67	5.94	* 8.12	4.68	6.6	3.77	5.45	3.09	* 5.09	3.04	9.09
-1	* 9.86	* 9.86	* 12.81	* 12.81	* 16.10	11.03	* 12.44	7.69	* 10.05	5.8	8.06	4.56	5.51	3.69			5.6	3.16	8.8
-2	* 12.52	* 12.52	* 15.62	* 15.62	* 15.92	11.01	* 12.50	7.63	* 10.16	5.73	8	4.51	6.48	3.66			6.03	3.41	8.39
-3	* 15.38	* 15.38	* 18.96	* 18.96	* 15.35	11.1	* 12.20	7.65	* 9.98	5.74	8.01	4.52					6.75	3.83	7.83
-4	* 18.63	* 18.63	* 18.47	* 18.47	* 14.32	11.28	* 11.49	7.77	* 9.40	5.82	* 7.71	4.62					* 7.58	4.54	7.08
-5	* 21.88	* 21.88	* 16.11	* 16.11	* 12.65	11.58	* 10.18	7.99	* 8.16	6.03							* 8.02	5.92	6.07
-6			* 12.53	* 12.53	* 9.89	* 9.89											* 8.45	* 8.45	4.64

Feet    Unit : 1,000ld

A(ft)	10		15		20		25		30		Max. Reach		A(ft)
B(ft)													A(ft)
25											* 8.19	* 8.19	24.25
20							* 11.09	* 11.09			* 7.98	* 7.98	27.38
15					* 13.19	* 13.19	* 12.03	10.69			* 7.16	7.79	29.33
10	* 35.84	* 35.84	* 21.15	* 21.15	* 15.98	14.75	* 13.49	10.09	* 9.90	7.16	* 8.69	6.99	30.34
5	* 18.69	* 18.69	* 26.47	21.2	* 18.81	13.61	* 15.06	9.48	* 11.72	6.86	* 9.65	6.65	30.5
0	* 23.48	* 23.48	* 29.62	19.9	* 20.94	12.79	15.74	9			* 11.23	6.7	29.81
-5	* 31.83	* 31.83	* 30.53	19.44	* 21.95	12.37	15.45	8.74			* 12.78	7.21	28.23
-10	* 42.74	40.6	* 29.50	19.53	* 21.57	12.34	15.49	8.78			* 14.97	8.49	25.58
-15	* 37.50	* 37.50	* 26.16	20.1	* 19.04	12.75					* 17.26	11.5	21.44
-20											* 18.69	* 18.69	14.65

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 HYD. CAPACITY OR 75% OF TIPPING CAPACITY.

: Rating Over Front  
 : Rating Over Side or 360 degree



OPTION 1

Metric

Boom : 6,245mm(20'6")    Arm : 2,500mm(8'2")    Bucket : SAE 1.51m³ HEAPED(CECE 1.3m³)    Shoe : 600mm(24")    Unit : 1,000kg

A(m)	2		3		4		5		6		7		8		Max. Reach		
B(m)																	A(m)
8															* 5.64	* 5.64	6.22
7												* 5.64	* 5.64		* 5.65	* 5.65	7.07
6									* 5.91	* 5.91	* 5.74	* 5.74			* 5.73	4.86	7.69
5							* 7.16	* 7.16	* 6.49	* 6.49	* 6.07	5.67	* 5.86	4.42	* 5.84	4.28	8.13
4					* 10.49	* 10.49	* 8.42	* 8.42	* 7.26	7.1	* 6.55	5.47	* 6.11	4.31	* 6.00	3.89	8.44
3					* 12.92	12.66	* 9.78	8.97	* 8.11	6.74	* 7.09	5.25	* 6.45	4.17	6.18	3.64	8.62
2					* 14.86	11.8	* 11.02	8.45	* 8.92	6.41	* 7.63	5.04	* 6.80	4.04	6.01	3.5	8.68
1					* 15.90	11.35	* 11.94	8.08	* 9.60	6.15	* 8.11	4.86	6.76	3.92	5.99	3.46	8.62
0					* 16.23	11.17	* 12.48	7.86	* 10.06	5.97	8.23	4.72	6.66	3.83	6.12	3.52	8.44
-1	* 10.62	* 10.62	* 13.61	* 13.61	* 16.12	11.14	* 12.65	7.76	* 10.29	5.87	8.14	4.65	6.61	3.79	6.45	3.7	8.13
-2	* 14.38	* 14.38	* 17.67	* 17.67	* 15.65	11.21	* 12.49	7.76	* 10.23	5.85	8.13	4.63			7.04	4.04	7.68
-3	* 18.24	* 18.24	* 18.80	* 18.80	* 14.80	11.35	* 11.95	7.84	* 9.83	5.9	* 8.14	4.69			* 8.04	4.63	7.06
-4	* 22.24	* 22.24	* 16.88	* 16.88	* 13.44	11.66	* 10.92	8.02	* 8.91	6.06					* 8.49	5.74	6.22
-5			* 14.00	* 14.00	* 11.27	* 11.27	* 9.0	8.34							* 8.94	8.25	5.04
-6																	

Feet    Unit : 1,000ld

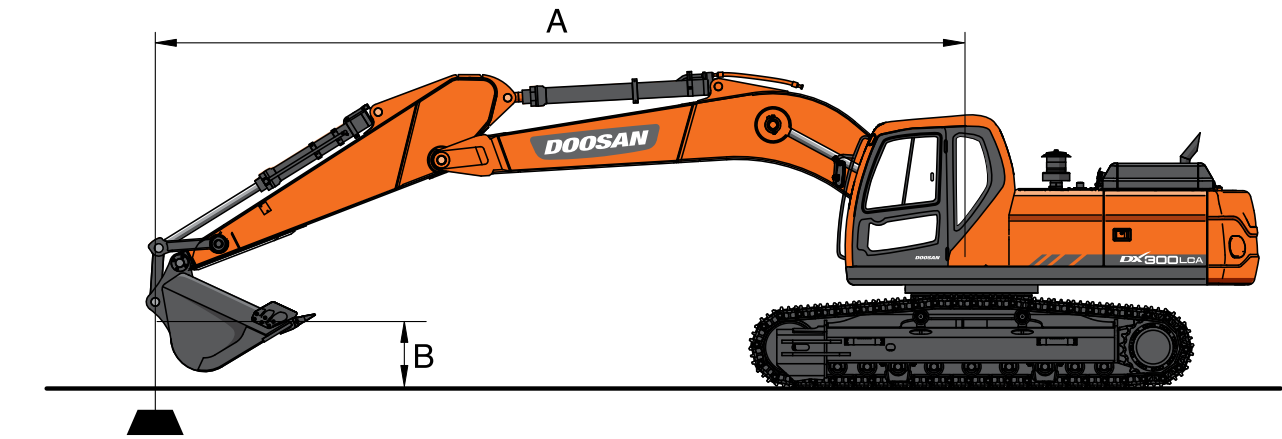
A(ft)	10		15		20		25		Max. Reach		A(ft)
B(ft)											A(ft)
25											21.51
20											25.04
15											27.17
10											28.26
5											28.42
0	* 21.87	* 21.87	* 30.61	19.89	* 21.79	12.85	15.86	9.12	13.5	7.76	27.69
-5	* 35.09	* 35.09	* 30.60	19.71	* 22.29	12.58	15.7	8.98	14.81	8.48	25.98
-10	* 40.78	* 40.78	* 28.70	20	* 21.21	12.71			* 17.76	10.3	23.06
-15	* 33.53	* 33.53	* 24.11	20.8					* 19.30	15.16	18.37

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 HYD. CAPACITY OR 75% OF TIPPING CAPACITY.

: Rating Over Front  
 : Rating Over Side or 360 degree

LIFTING CAPACITY

STANDARD & OPTION



OPTION 2

Metric Boom : 6,245mm(20'6") Arm : 3,750mm(12'4") Bucket : SAE 1.03m3 HEAPED(CECE 0.9m3) Shoe : 600mm(24") Unit : 1,000kg

A(m) \ B(m)	2	3	4	5	6	7	8	9	Max. Reach	A(m)
8										7.78
7							* 4.06	* 4.06	* 3.14	8.47
6							* 4.59	* 4.59	* 3.04	8.99
5						* 4.92	* 4.84	4.73	* 3.08	9.38
4					* 5.86	* 5.86	* 5.47	* 5.47	* 5.20	9.64
3		* 13.62	* 13.62	* 9.80	* 9.80	* 7.91	* 7.91	* 6.81	* 6.81	9.8
2		* 14.17	* 14.17	* 12.23	* 12.23	* 9.40	9.1	* 7.79	6.82	9.85
1		* 10.98	* 10.98	* 14.18	12.12	* 10.71	8.57	* 8.69	6.48	9.8
0	* 7.58	* 7.58	* 11.32	* 11.32	* 15.44	11.59	* 11.70	8.18	* 9.43	9.64
-1	* 9.53	* 9.53	* 12.76	* 12.76	* 16.10	11.3	* 12.35	7.93	* 9.96	9.37
-2	* 11.59	* 11.59	* 14.76	* 14.76	* 16.27	11.18	* 12.65	7.8	* 10.25	8.99
-3	* 13.85	* 13.85	* 17.27	* 17.27	* 16.01	11.18	* 12.60	7.76	* 10.27	8.47
-4	* 16.41	* 16.41	* 20.16	19.23	* 15.32	11.29	* 12.18	7.81	* 9.97	7.78
-5	* 19.41	* 19.41	* 18.30	* 18.30	* 14.09	11.5	* 11.29	7.95	* 9.21	6.88
-6	* 21.40	* 21.40	* 15.51	* 15.51	* 12.09	11.85	* 9.65	8.22		5.65

A(ft) \ B(ft)	10	15	20	25	30	Max. Reach	A(ft)
25							26.47
20							29.35
15							31.18
10	* 28.92	* 28.92	* 18.73	* 18.73	* 14.74	* 14.74	32.13
5	* 27.19	* 27.19	* 24.66	22.37	* 17.85	14.3	32.28
0	* 25.56	* 25.56	* 28.80	20.7	* 20.42	13.34	31.63
-5	* 30.80	* 30.80	* 30.70	19.91	* 21.96	12.76	30.14
-10	* 38.88	* 38.88	* 30.59	19.75	* 22.23	12.56	27.68
-15	* 41.70	41.48	* 28.38	20.08	* 20.79	12.75	23.93
-20	* 33.03	* 33.03	* 22.91	20.98			18.08

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 HYD. CAPACITY OR 75% OF TIPPING CAPACITY.

: Rating Over Front

: Rating Over Side or 360 degree

Safety

- Large handrails and step
- Convex metal anti-slip plates
- Seat belt
- Hydraulic safety lock lever
- Safety glass
- Hammer for emergency escape
- Right and left rearview mirrors
- Travel alarm
- Battery protector cover

Others

- Double element air cleaner
- Additional Water separator
- Dry Type Pre Cleaner
- Fuel filter
- Dust screen for radiator/oil cooler
- Engine overheat prevention system
- Engine restart prevention system
- Self-diagnostic system
- Alternator (24V, 50 amps)
- Electric horn
- Halogen working lights (frame mounted 1, boom mounted 2)
- Hydraulic track adjuster
- Track guards
- Greased and sealed track link
- Hydraulic oil tank air breather filter
- Long & Fixed track

OPTIONAL EQUIPMENT

Some of optional equipments may be standard in some markets. Some of this optional equipment is not available in some markets. You must check with the local DOOSAN dealer to know about the availability or to release the adaptation following the needs of the applications

Boom & Arm

- 6.245m Boom
- 10.0m Boom
- 2.5m Arm (Heavy duty)
- 2.85m Arm (Heavy duty)
- 3.1m Arm (Heavy duty)
- 3.1m Arm
- 3.75m Arm
- 7.0m Arm

Others

- Piping for crusher
- Piping for quick clamp
- Piping option
  - Breaker with flow control valve - Crusher
  - Crusher with tilting - Rotating
  - Clamshell - Quick Clamp
- 700mm/800mm/850mm shoe
- Lower wiper
- 80A alternator
- Fuel filler pump
- Working lights
  - 4-front/2-rear on cabin
  - 2-front on cabin
  - 1 on counterweight
- Counterweight (5.0 Ton / 5.9 Ton)
- Noise Kit
- Hydraulic Oil
  - Cold weather (VG32)
  - Normal (VG46)
  - Tropical weather (VG68)

Safety

- Boom and arm hose rupture protection valve
- Overload warning device
- Cabin Top/Front guard (ISO 10262, FOGS standard)
- Travel & swing alarm
- Rotating / Telescopic beacon
- Lock valve
- Rear lamp for number plate

Cabin & Interior

- Air suspension seat
- Rain shield
- High seat Mount
- Breaker pedal
- ROPS/FOGS Cabin
- Cabin front guard (Upper and lower guard)
- Steel roof cover
- Side mirror

- Full length track guard
- Breaker filter
- Water Separator with heater
- Oil Washed pre cleaner
- Heavy duty main frame
- Heavy duty track frame



OPTION 3

Metric

Boom : 10,000mm(32’10”)    Arm : 7,000mm(23’)    Bucket : SAE 0.64m³ HEAPED(CECE 0.55m³)    Shoe : 800mm(31”)    Unit : 1,000kg

A(m) \ B(m)	2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		Max. Reach		A(m)		
8																																*0.94	*0.94	15.37	
7																																	*0.95	*0.95	15.73
6																																	*0.96	*0.96	16.01
5																																	*0.98	*0.98	16.23
4																																			
3																																			
2																																			
1																																			
0																																			
-1																																			
-2																																			
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-7																																			
-8																																			
-9																																			
-10																																			
-11																																			
-12																																			
-13																																			

Feet

Unit : 1,000ld

A(ft)	10		15		20		25		30		35		40		45		50		Max. Reach			
B(ft)																					A(ft)	
30																* 4.32	* 4.32			* 2.09	* 2.09	48.77
25																* 4.98	4.92	* 2.81	* 2.81	* 2.08	* 2.08	50.91
20																* 5.24	4.74	* 3.98	3.66	* 2.11	* 2.11	52.44
15														* 5.37	* 5.37	* 5.60	4.51	* 4.85	3.52	* 2.17	* 2.17	53.49
10	* 13.85	* 13.85	* 16.88	* 16.88	* 12.01	* 12.01	* 9.54	* 9.54			* 6.30	* 6.30	* 5.89	5.76	* 6.01	4.25	* 5.56	3.35	* 2.27	* 2.27	54.04	
5	* 8.22	* 8.22	* 19.74	* 19.74	* 14.88	14.49	* 11.34	10.63	* 8.08	* 8.08	* 7.12	6.87	* 6.47	5.39	* 6.45	4	5.85	3.18	* 2.42	* 2.42	54.13	
0	* 9.21	* 9.21	* 15.58	* 15.58	* 17.19	12.99	* 12.92	9.63	* 9.28	8.11	* 7.97	6.34	* 7.08	5.02	6.81	3.76	5.68	3.02	* 2.63	2.56	53.75	
-5	* 11.04	* 11.04	* 15.68	* 15.68	* 18.77	12.04	* 14.16	8.9	* 10.40	7.43	* 8.77	5.86	* 7.66	4.68	6.59	3.55	5.54	2.89	* 2.90	2.56	52.89	
-10	* 13.11	* 13.11	* 17.11	* 17.11	* 19.67	11.53	* 15.01	8.44	* 11.33	6.89	* 9.47	5.46	7.94	4.39	6.44	3.4	* 5.43	2.8	* 3.27	2.64	51.53	
-15	* 15.36	* 15.36	* 19.21	* 17.61	* 20.03	11.33	15.06	8.19	11.76	6.51	9.4	5.17	7.71	4.18	6.35	3.32			* 3.78	2.81	49.62	
-20	* 17.82	* 17.82	* 21.84	17.83	* 19.90	11.35	14.99	8.13	11.52	6.29	9.21	4.99	7.57	4.04								
-25	* 20.55	* 20.55	* 25.03	18.25	* 19.28	11.56	15.1	8.23	11.43	6.21	9.13	4.92	7.52	4								
-30	* 23.65	* 23.65	* 23.72	18.88	* 18.09	11.93	* 14.41	8.49	11.49	6.26	9.18	4.97	7.59	4.06								
-35	* 27.24	* 27.24	* 20.87	19.76	* 16.12	12.51	* 12.90	8.92	11.7	6.46	9.37	5.15										

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 HYD. CAPACITY OR 75% OF TIPPING CAPACITY.
- : Rating Over Front
- : Rating Over Side or 360 degree

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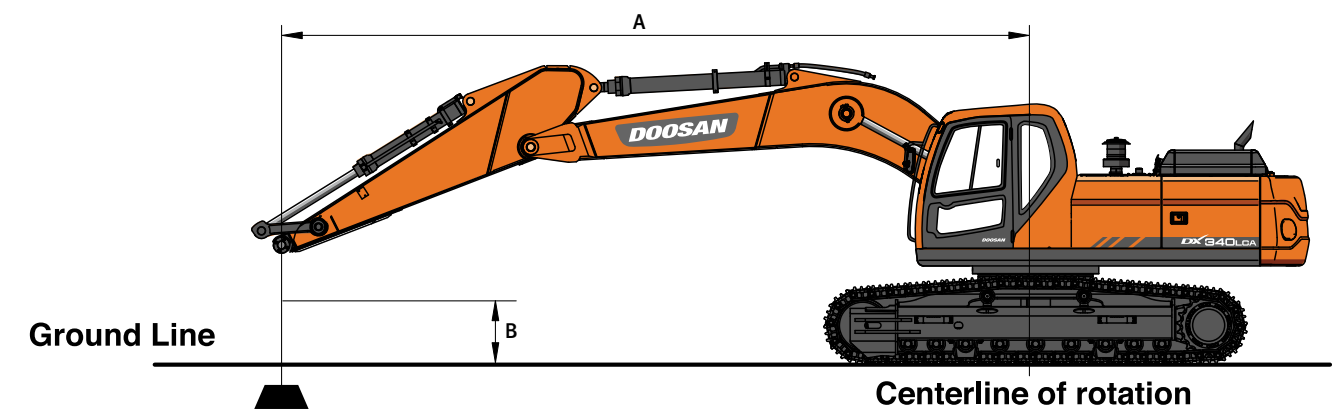
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DIPBE-1003-01-1605

Materials and Specifications in the catalogue are subject to change without notice.



# LIFTING CAPACITY

















## STANDARD

### Metric



Boom : 6,500 mm (21’ 4”) Arm : 3,200 mm (10’ 6”) Bucket : Without Bucket Shoe : 600 mm (24”)

Standard Track : 3,280 mm (10’ 9”) Counterweight : 7,100 kg (15,653 lbs)

Unit : 1,000 kg

A(m)	1.5		3		4.5		6		7.5		9		Max. Reach		A(m)
B(m)															A(m)
7.5									7.88 *	7.1			7.55 *	6.75	7.70
6									7.98 *	7.02			7.35 *	5.52	8.59
4.5					12.30 *	12.30 *	9.83 *	9.62	8.55 *	6.77	7.57	4.99	7.37	4.85	9.14
3					15.47 *	13.74	11.32 *	9	9.31 *	6.46	7.42	4.85	6.9	4.5	9.42
1.5					17.67 *	12.73	12.60 *	8.47	9.58	6.16	7.26	4.7	6.74	4.36	9.45
0					18.27 *	12.31	13.11	8.12	9.34	5.95	7.15	4.6	6.89	4.44	9.23
-1.5			14.47 *	14.47 *	17.73 *	12.24	12.95	7.99	9.23	5.85			7.41	4.75	8.76
-3	17.24 *	17.24 *	21.89 *	21.89 *	16.24 *	12.38	12.39 *	8.03	9.29	5.9			8.54	5.46	7.97
-4.5			17.70 *	17.70 *	13.49 *	12.73	10.24 *	8.28					8.57 *	7.04	6.77

- Load point is the end of the arm.
- Capacities marked with an asterisk (\*) are limited by hydraulic capacities.
- Lift capacities shown do not exceed 75 % of minimum tipping loads or 87 % of hydraulic capacities.
- The least stable position is over the side.
- Lift capacities apply only to the machine as originally manufactured and normally equipped by the manufacturer.
- The total mass of machine includes the mass of the boom, arm, counterweight, all operating fluids and 165 lb. (75 kg) operator.
- Lift capacities are in compliance with iso 10567.

 : Rating Over Front  
 : Rating Over Side or 360 Degree











## OPTION 1

### Metric



Boom : 6,500 mm (21’ 4”) Arm : 2,600 mm (8’ 6”) Bucket : Without Bucket Shoe : 600 mm (24”)

Standard Track : 3,280 mm (10’ 9”) Counterweight : 7,100 kg (15,653 lbs)

Unit : 1,000 kg

A(m)	3		4.5		6		7.5		Max. Reach		A(m)
B(m)											A(m)
7.5									8.83 *	7.92	6.97
6					9.48 *	9.48 *	8.72 *	6.94	8.64 *	6.28	7.94
4.5			13.76 *	13.76 *	10.67 *	9.49	9.18 *	6.73	8.25	5.45	8.53
3					12.06 *	8.92	9.84 *	6.46	7.67	5.03	8.83
1.5					13.14 *	8.46	9.61	6.2	7.49	4.88	8.87
0			18.27 *	12.44	13.18	8.21	9.43	6.04	7.7	4.99	8.64
-1.5			17.26 *	12.49	13.11	8.14	9.38	6	8.39	5.41	8.13
-3	19.42 *	19.42 *	15.35 *	12.69	11.91 *	8.25			9.33 *	6.39	7.27
-4.5	14.85 *	14.85 *	11.94 *	11.94 *					8.92 *	8.8	5.92

- Load point is the end of the arm.
- Capacities marked with an asterisk (\*) are limited by hydraulic capacities.
- Lift capacities shown do not exceed 75 % of minimum tipping loads or 87 % of hydraulic capacities.
- The least stable position is over the side.
- Lift capacities apply only to the machine as originally manufactured and normally equipped by the manufacturer.
- The total mass of machine includes the mass of the boom, arm, counterweight, all operating fluids and 165 lb. (75 kg) operator.
- Lift capacities are in compliance with iso 10567.

 : Rating Over Front  
 : Rating Over Side or 360 Degree















## OPTION 2

### Metric



Boom : 6,500 mm (21’ 4”) Arm : 3,950 mm (12’ 11”) Bucket : Without Bucket Shoe : 600 mm (24”)

Standard Track : 3,280 mm(10’ 9”) Counterweight : 7,100 kg (15,653 lbs)

Unit : 1,000 kg

A(m)	1.5		3		4.5		6		7.5		9		Max. Reach		A(m)
B(m)															A(m)
9													5.94 *	5.94 *	7.45
7.5									6.89 *	6.89 *			5.52 *	5.52 *	8.63
6									7.16 *	7.16 *	7.00 *	5.21	5.36 *	4.77	9.42
4.5							8.79 *	8.79 *	7.82 *	6.92	7.25 *	5.09	5.37 *	4.26	9.92
3					13.77 *	13.77 *	10.39 *	9.24	8.68 *	6.57	7.49	4.91	5.54 *	3.97	10.18
1.5					16.55 *	13.08	11.89 *	8.61	9.52 *	6.22	7.29	4.72	5.86 *	3.86	10.21
0			8.89 *	8.89 *	17.94 *	12.38	12.91 *	8.16	9.35	5.95	7.12	4.56	6.08	3.9	10.01
-1.5	9.38 *	9.38 *	13.35 *	13.35 *	18.04 *	12.13	12.9	7.93	9.17	5.79	7.03	4.48	6.45	4.12	9.58
-3	14.25 *	14.25 *	19.07 *	19.07 *	17.12 *	12.14	12.83 *	7.88	9.14	5.76			7.23	4.62	8.86
-4.5	20.05 *	20.05 *	20.82 *	20.82 *	15.08 *	12.38	11.42 *	8.02	8.56 *	5.9			7.94 *	5.63	7.80
-6			15.08 *	15.08 *	11.27 *	11.27 *	8.05 *	8.05 *					7.56 *	7.56 *	6.20

- Load point is the end of the arm.
- Capacities marked with an asterisk (\*) are limited by hydraulic capacities.
- Lift capacities shown do not exceed 75 % of minimum tipping loads or 87 % of hydraulic capacities.
- The least stable position is over the side.
- Lift capacities apply only to the machine as originally manufactured and normally equipped by the manufacturer.
- The total mass of machine includes the mass of the boom, arm, counterweight, all operating fluids and 165 lb. (75 kg) operator.
- Lift capacities are in compliance with iso 10567.

 : Rating Over Front  
 : Rating Over Side or 360 Degree











## OPTION 3

### Metric



Boom : 6,200 mm (20’ 4”) Arm : 2,600 mm (8’ 6”) Bucket : Without Bucket Shoe : 600 mm (24”)

Standard Track : 3,280 mm (10’ 9”) Counterweight : 7,100 kg (15,653 lbs)

Unit : 1,000 kg

A(m)	3		4.5		6		7.5		Max. Reach		A(m)
B(m)											A(m)
7.5					9.25 *	9.25 *			9.28 *	8.75	6.58
6					9.63 *	9.63 *	9.07 *	6.97	9.07 *	6.81	7.60
4.5			13.50 *	13.50 *	10.75 *	9.65	9.41 *	6.82	8.83	5.87	8.22
3			16.60 *	13.82	12.14 *	9.12	10	6.57	8.18	5.4	8.53
1.5			18.49 *	13.01	13.27 *	8.67	9.74	6.34	7.99	5.24	8.56
0			18.67 *	12.74	13.4	8.41	9.57	6.19	8.24	5.37	8.33
-1.5	18.26 *	18.26 *	17.72 *	12.74	13.31	8.34	9.54	6.16	9.05	5.86	7.79
-3	20.36 *	20.36 *	15.66 *	12.94	11.95 *	8.45			9.91 *	7.03	6.89
-4.5	14.96 *	14.96 *	11.70 *	11.70 *					9.40 *	9.40 *	5.44

- Load point is the end of the arm.
- Capacities marked with an asterisk (\*) are limited by hydraulic capacities.
- Lift capacities shown do not exceed 75 % of minimum tipping loads or 87 % of hydraulic capacities.
- The least stable position is over the side.
- Lift capacities apply only to the machine as originally manufactured and normally equipped by the manufacturer.
- The total mass of machine includes the mass of the boom, arm, counterweight, all operating fluids and 165 lb. (75 kg) operator.
- Lift capacities are in compliance with iso 10567.

 : Rating Over Front  
 : Rating Over Side or 360 Degree















## OPTION 4

### Metric



Boom : 6,500 mm (21’ 4”) Arm : 2,600 mm (8’ 6”) Bucket : Without Bucket Shoe : 600 mm (24”)

Narrow Track : 3,000 mm (9’ 10”) Counterweight : 7,100 kg (15,653 lbs)

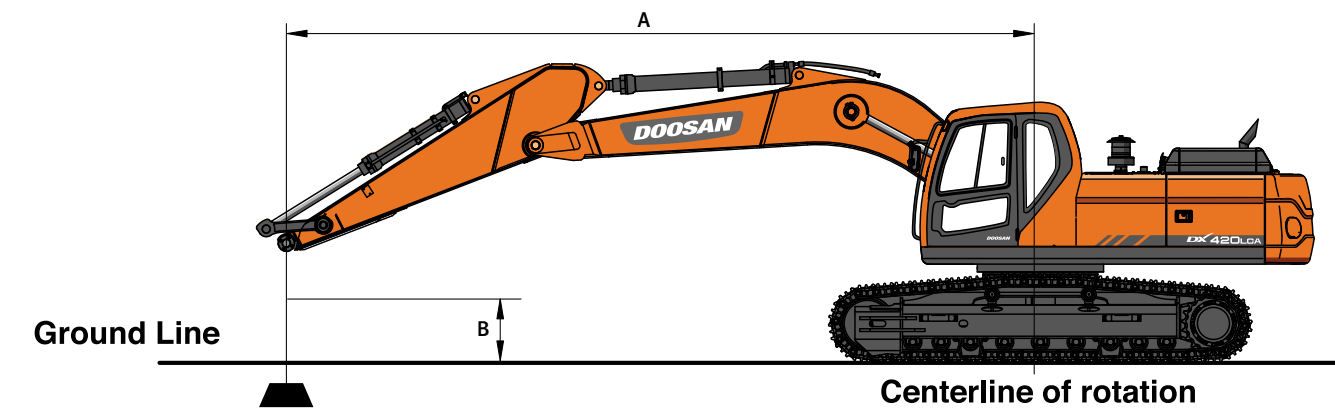
Unit : 1,000 kg

A(m)	1.5		3		4.5		6		7.5		9		Max. Reach		A(m)
B(m)															A(m)
7.5									7.88 *	6.34			7.55 *	6.03	7.70
6									7.98 *	6.27			7.35 *	4.91	8.59
4.5					12.30 *	12.30 *	9.83 *	8.55	8.55 *	6.02	7.54	4.42	7.34	4.29	9.14
3					15.47 *	11.99	11.32 *	7.95	9.31 *	5.72	7.39	4.29	6.87	3.97	9.42
1.5					17.67 *	11.02	12.60 *	7.43	9.54	5.43	7.23	4.14	6.72	3.84	9.45
0					18.27 *	10.62	13.06	7.1	9.3	5.22	7.12	4.04	6.86	3.89	9.23
-1.5			14.47 *	14.47 *	17.73 *	10.55	12.9	6.96	9.2	5.13			7.38	4.17	8.76
-3	17.24 *	17.24 *	21.89 *	21.28	16.24 *	10.69	12.39 *	7.01	9.25	5.18			8.5	4.8	7.97
-4.5			17.70 *	17.70 *	13.49 *	11.02	10.24 *	7.25					8.57 *	6.19	6.77

- Load point is the end of the arm.
- Capacities marked with an asterisk (\*) are limited by hydraulic capacities.
- Lift capacities shown do not exceed 75 % of minimum tipping loads or 87 % of hydraulic capacities.
- The least stable position is over the side.
- Lift capacities apply only to the machine as originally manufactured and normally equipped by the manufacturer.
- The total mass of machine includes the mass of the boom, arm, counterweight, all operating fluids and 165 lb. (75 kg) operator.
- Lift capacities are in compliance with iso 10567.

 : Rating Over Front  
 : Rating Over Side or 360 Degree













# LIFTING CAPACITY





## STANDARD

### Metric

Boom : 6,700 mm (21' 11") Arm : 2,950 mm (9' 8") Bucket : Without bucket shoe : 600 mm (24") Unit : 1,000 kg













B(m)	A(m)		3		4.5		6		7.5		9		Max. Reach		A(m)
															
9													11.50 *	11.50 *	5.98
7.5							11.11 *	11.11 *					10.81 *	8.57	7.39
6							12.02 *	11.88	10.85 *	8.26			10.60 *	6.93	8.29
4.5					18.08 *	17.33	13.64 *	11.21	11.54 *	7.96			9.68	6.08	8.84
3							15.40 *	10.49	12.28	7.6	9.24	5.75	9.06	5.64	9.11
1.5							16.65 *	9.95	11.94	7.29	9.08	5.61	8.89	5.5	9.13
0					18.08 *	14.8	16.51	9.67	11.72	7.1			9.16	5.63	8.89
-1.5					21.28 *	14.88	16.44 *	9.62	11.67	7.06			9.98	6.11	8.37
-3	23.27 *	23.27 *	18.86 *	15.15	14.79 *	9.77	11.19 *	7.22					11.12 *	7.2	7.52
-4.5	17.93 *	17.93 *	14.72 *	14.72 *	11.10 *	10.2							10.49 *	9.79	6.19



- Load point is the end of the arm.
  - Capacities marked with an asterisk (\*) are limited by hydraulic capacities.
  - Lift capacities shown do not exceed 75 % of minimum tipping loads or 87 % of hydraulic capacities.
  - The least stable position is over the side.
  - Lift capacities apply only to the machine as originally manufactured and normally equipped by the manufacturer.
  - The total mass of Machine is 40,331 kg included in this mass boom 6.7 m, arm 2.6 m, 8,000 kg coutnerweight, 2 kg bucket, all operating fluids and a 75 kg operator.
  - Lift capacities are in compliance with iso 10567.
-  : Rating Over Front  
 : Rating Over Side or 360 Degree

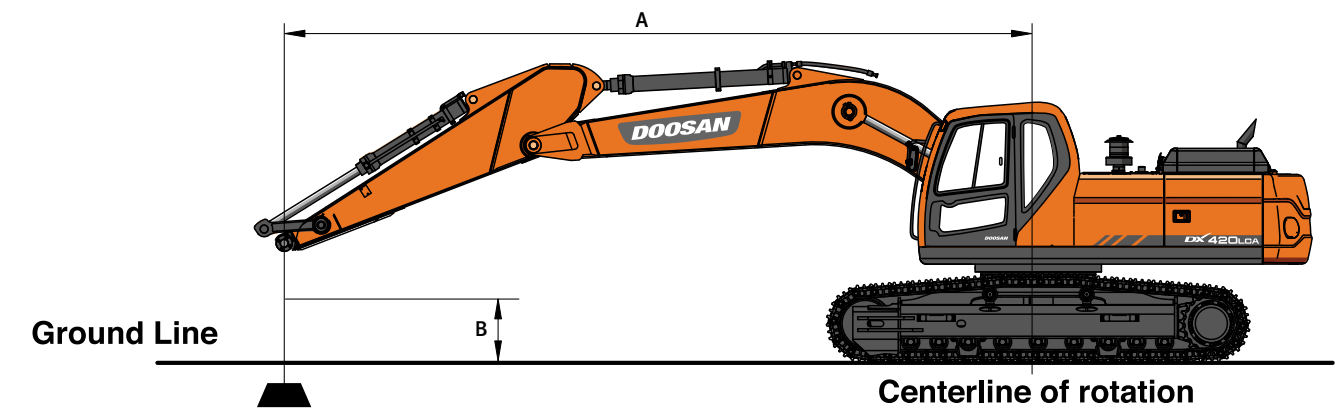
## OPTION 1

### Metric

Boom : 6,700 mm (21' 11") Arm : 2,950 mm (9' 8") Bucket : Without bucket shoe : 600 mm (24") Unit : 1,000 kg

B(m)	A(m)		3		4.5		6		7.5		9		Max. Reach		A(m)
															
9													10.66 *	10.66 *	6.46
7.5									10.12 *	8.43			10.16 *	7.88	7.78
6							11.39 *	11.39 *	10.35 *	8.3			10.01 *	6.47	8.63
4.5					16.98 *	16.98 *	13.05 *	11.3	11.11 *	7.98	9.4	5.9	9.11	5.7	9.17
3							14.90 *	10.56	12.05 *	7.6	9.22	5.73	8.55	5.3	9.43
1.5							16.32 *	9.96	11.92	7.27	9.03	5.56	8.39	5.16	9.45
0					19.88 *	14.7	16.47	9.62	11.66	7.04	8.91	5.45	8.61	5.27	9.22
-1.5	14.62 *	14.62 *	21.79 *	14.72	16.35	9.52	11.57	6.96					9.32	5.69	8.72
-3	24.95 *	24.95 *	19.62 *	14.95	15.20 *	9.62	11.68	7.05					10.75 *	6.6	7.91
-4.5	20.11 *	20.11 *	15.91 *	15.41	12.20 *	9.96							10.42 *	8.65	6.66













- Load point is the end of the arm.
  - Capacities marked with an asterisk (\*) are limited by hydraulic capacities.
  - Lift capacities shown do not exceed 75 % of minimum tipping loads or 87 % of hydraulic capacities.
  - The least stable position is over the side.
  - Lift capacities apply only to the machine as originally manufactured and normally equipped by the manufacturer.
  - The total mass of Machine is 40,455 kg included in this mass boom 6.7 m, arm 2.95 m, 8,000 kg coutnerweight, 2 kg bucket, all operating fluids and a 75 kg operator.
  - Lift capacities are in compliance with iso 10567.
-  : Rating Over Front  
 : Rating Over Side or 360 Degree





## OPTION 2

### Metric

Boom : 6,700 mm (21' 11") Arm : 2,600 mm (8' 6") Bucket : Without bucket shoe : 600 mm (24") Unit : 1,000 kg















B(m)	A(m)		3		4.5		6		7.5		9		Max. Reach		A(m)
															
9													11.50 *	11.50 *	5.98
7.5							11.11 *	11.11 *					10.81 *	8.57	7.39
6							12.02 *	11.88	10.85 *	8.26			10.60 *	6.93	8.29
4.5					18.08 *	17.33	13.64 *	11.21	11.54 *	7.96			9.68	6.08	8.84
3							15.40 *	10.49	12.28	7.6	9.24	5.75	9.06	5.64	9.11
1.5							16.65 *	9.95	11.94	7.29	9.08	5.61	8.89	5.5	9.13
0					18.08 *	14.8	16.51	9.67	11.72	7.1			9.16	5.63	8.89
-1.5					21.28 *	14.88	16.44 *	9.62	11.67	7.06			9.98	6.11	8.37
-3	23.27 *	23.27 *	18.86 *	15.15	14.79 *	9.77	11.19 *	7.22					11.12 *	7.2	7.52
-4.5	17.93 *	17.93 *	14.72 *	14.72 *	11.10 *	10.2							10.49 *	9.79	6.19



- Load point is the end of the arm.
  - Capacities marked with an asterisk (\*) are limited by hydraulic capacities.
  - Lift capacities shown do not exceed 75 % of minimum tipping loads or 87 % of hydraulic capacities.
  - The least stable position is over the side.
  - Lift capacities apply only to the machine as originally manufactured and normally equipped by the manufacturer.
  - The total mass of Machine is 40,331 kg included in this mass boom 6.7 m, arm 2.6 m, 8,000 kg coutnerweight, 2 kg bucket, all operating fluids and a 75 kg operator.
  - Lift capacities are in compliance with iso 10567.
-  : Rating Over Front  
 : Rating Over Side or 360 Degree

## OPTION 3

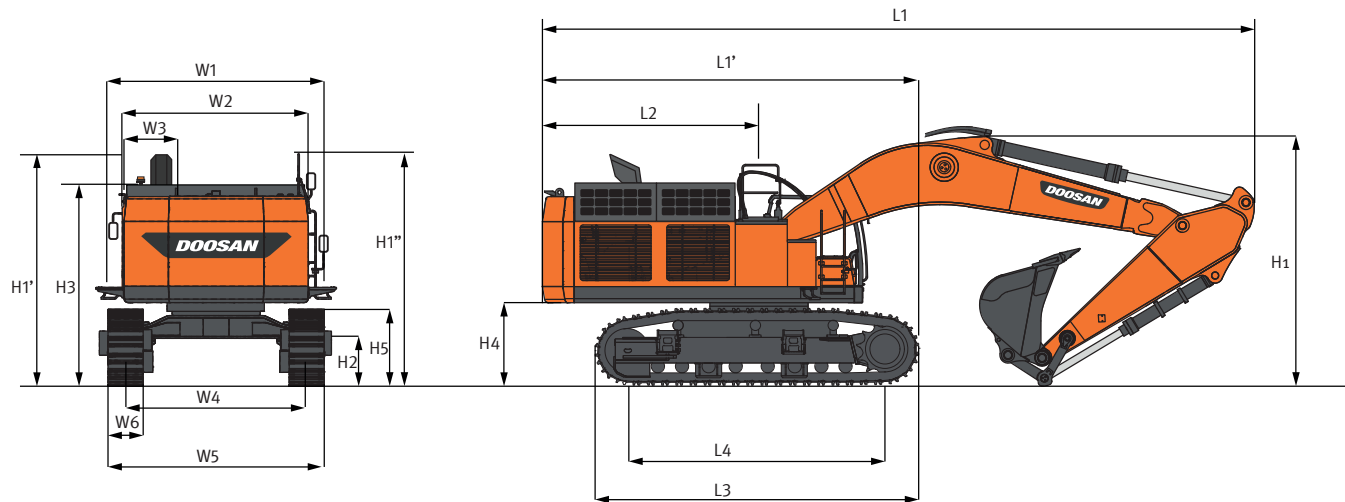
### Metric

Boom : 6,700 mm (21' 11") Arm : 3,950 mm (12' 11") Bucket : Without bucket shoe : 600 mm (24") Unit : 1,000 kg

B(m)	A(m)		1.5		3		4.5		6		7.5		9		Max. Reach		A(m)
																	
9											8.41 *	8.41 *			7.19 *	7.19 *	7.81
7.5											8.54 *	8.54 *			6.76 *	6.32	8.92
6											9.01 *	8.53	8.67 *	6.18	6.60 *	5.36	9.68
4.5									11.33 *	11.33 *	9.91 *	8.16	9.07 *	6	6.65 *	4.8	10.15
3							18.09 *	16.81	13.37 *	10.86	11.01 *	7.72	9.28	5.76	6.88 *	4.49	10.39
1.5							21.34 *	15.34	15.19 *	10.1	11.97	7.29	9.01	5.52	7.18	4.37	10.40
0					8.98 *	8.98 *	22.51 *	14.6	16.33 *	9.58	11.6	6.96	8.8	5.33	7.31	4.42	10.19
-1.5	10.25 *	10.25 *	14.06 *	14.06 *	22.55 *	14.36	16.15	9.32	11.39	6.78	8.7	5.23	7.76	4.69	9.75		
-3	15.52 *	15.52 *	20.22 *	20.22 *	21.21 *	14.43	15.98 *	9.29	11.36	6.75	8.74	5.28	8.7	5.25	9.03		
-4.5	21.70 *	21.70 *	25.40 *	25.40 *	18.59 *	14.74	14.19 *	9.46	10.77 *	6.92					9.65 *	6.41	7.97
-6					18.42 *	18.42 *	13.95 *	13.95 *	10.22 *	9.95					9.16 *	9.15	6.38

- Load point is the end of the arm.
  - Capacities marked with an asterisk (\*) are limited by hydraulic capacities.
  - Lift capacities shown do not exceed 75 % of minimum tipping loads or 87 % of hydraulic capacities.
  - The least stable position is over the side.
  - Lift capacities apply only to the machine as originally manufactured and normally equipped by the manufacturer.
  - The total mass of Machine is 40,734 kg included in this mass boom 6.7 m, arm 3.95 m, 8,000 kg coutnerweight, 2 kg bucket, all operating fluids and a 75 kg operator.
  - Lift capacities are in compliance with iso 10567.
-  : Rating Over Front  
 : Rating Over Side or 360 Degree

# DIMENSION

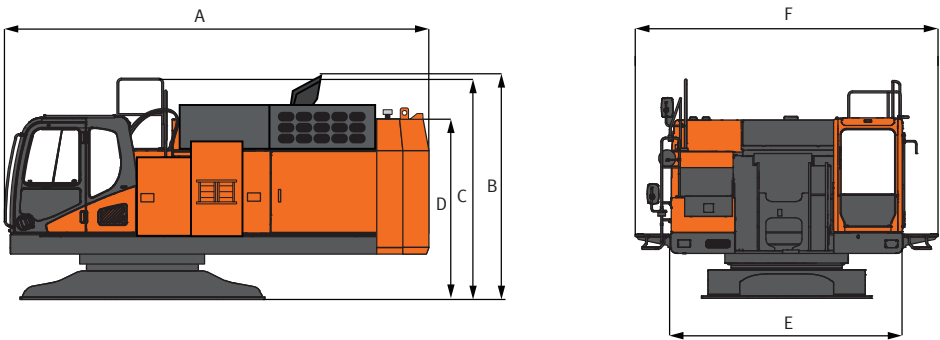


## DIMENSIONS

BOOM TYPE(ONE PIECE)			mm	7,250	8,400
ARM TYPE			mm	2,900	3,750
BUCKET TYPE			m <sup>3</sup>	6.8	5.4
Under Carriage(Grouser)				650DG	650DG
L1	Overall Length		mm	13,800	14,550
H1	Overall Height	Boom	mm	5,090	5,450
		Hose	mm	5,150	5,550
		Cabin	mm	3,615	
		Hand/Guard Rail	mm	4,175	
W1	Overall Width (Shipping)		mm	3,440	
	Rear Swing Radius		mm	4,620	
H2	Ground Clearance		mm	*860	
L2	Rear End Distance		mm	4,565	
W2	House Width		mm	***3,410/4,450	
W3	Cabin Width		mm	1,010	
H3	Height Over Cover [Bonet]		mm	3,785	
H4	Counterweight Clearance		mm	*1,560/1,615	
H5	Track Height		mm	*1,350/1,405	
L3	Track Length		mm	6,341	
L4	Tumbler Distance		mm	5,100	
W5	Undercarriage Width [without step]		mm	**3,440/4,200	
	Undercarriage Width [with step]		mm	**3,732/4,492	
W6	Shoe Width		mm	650	
	Grouser Height		mm	52	

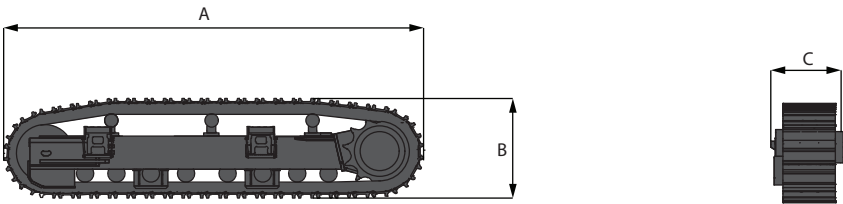
\* : Without Grouser

# TRANSPORTATION



## UPPER STRUCTURE

Length	(mm)	A	6,282
Height (Top of Guardrail)	(mm)	B	3,280
Height (Top of Muffler)	(mm)	C	3,215
Height (Top of Cab)	(mm)	D	2,720
Width (Without Walkway)	(mm)	E	3,410
Width (With Walkway)	(mm)	F	4,450
Weight	(kg)	-	32,870



## UNDERCARRIAGE

Length	(mm)	A	6,370
Height	(mm)	B	1,455
Width (With Steps)	(mm)	C	1,185
Weight	(kg)	-	14,150



## COUNTERWEIGHT (STD)

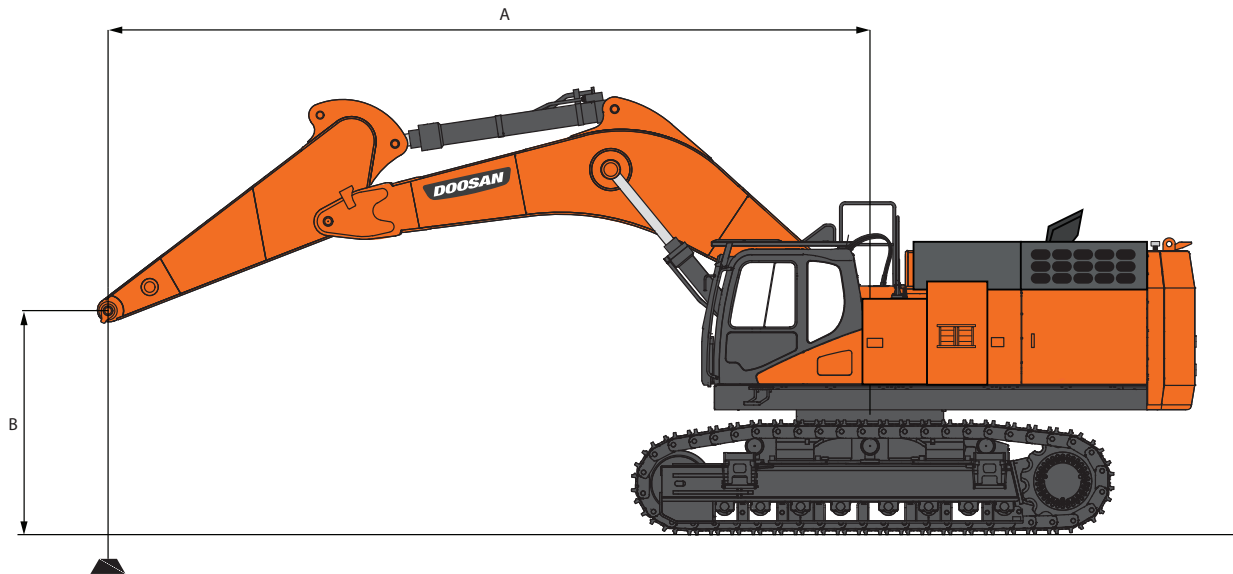
Width	(mm)	A	4,450
Length	(mm)	B	730
Height	(mm)	C	2,119
Weight	(kg)	-	12,700



## COUNTERWEIGHT (Removal Opt.)

Width	(mm)	A	4,450
Length	(mm)	B	675
Height	(mm)	C	1,968
Weight	(kg)	-	11,300

# LIFTING CAPACITY



## STANDARD

### Metric

Boom: 7,250 mm (23'9") Arm: 2,900 mm (9'6") Shoe: 650 mm (2'1") Counter Weight: 12,760 kg (28,126lb)

A(m) B(m)	4.5		6		7.5		9		Max		Reach (m)
10.5									19.98 *	19.98 *	Max. at(m) 6.40
9					21.16 *	21.16 *			17.95 *	17.95 *	Max. at(m) 7.90
7.5					21.36 *	21.36 *			17.12 *	17.12 *	Max. at(m) 8.91
6 m			26.69 *	26.69 *	22.77 *	22.77 *	20.63 *	19.84	16.94 *	16.94 *	Max. at(m) 9.57
4.5 m			30.62 *	30.62 *	24.73 *	24.73 *	21.48 *	19.26	17.25 *	16.35	Max. at(m) 9.96
3 m			34.06 *	33.81	26.63 *	24.38	22.42 *	18.64	18.06 *	15.64	Max. at(m) 10.10
1.5 m			35.83 *	32.51	27.90 *	23.51	23.05 *	18.13	19.47 *	15.55	Max. at(m) 10.02
0 m			35.76 *	31.96	28.14 *	23.02	22.94 *	17.83	20.80 *	16.12	Max. at(m) 9.70
-1.5 m	43.15 *	43.15 *	34.02 *	31.92	27.04 *	22.91	21.42 *	17.87	20.89 *	17.57	Max. at(m) 9.13
-3 m	37.87 *	37.87 *	30.36 *	30.36 *	23.91 *	23.25			20.57 *	20.57	Max. at(m) 8.23
-4.5 m	29.38 *	29.38 *	23.41 *	23.41 *					19.02 *	19.02 *	Max. at(m) 6.89

### Feet

A(ft) B(ft)	15		20		25		30		Max		Reach (ft)
35 FT									44.04 *	44.04 *	Max. at(ft) 20.99
30 FT					46.64 *	46.64 *			39.57 *	39.57 *	Max. at(ft) 25.93
25 FT					47.08 *	47.08 *			37.73 *	37.73 *	Max. at(ft) 29.23
20 FT			58.84 *	58.84 *	50.20 *	50.20 *	45.49 *	43.74	37.34 *	37.34 *	Max. at(ft) 31.39
15 FT			67.52 *	67.52 *	54.52 *	54.52 *	47.36 *	42.46	38.04 *	36.05	Max. at(ft) 32.67
10 FT			75.09 *	74.54	58.71 *	53.75	49.44 *	41.09	39.82 *	34.47	Max. at(ft) 33.15
5 FT			78.99 *	71.68	61.50 *	51.83	50.81 *	39.96	42.92 *	34.27	Max. at(ft) 32.88
0 FT			78.84 *	70.45	62.03 *	50.74	50.58 *	39.31	45.86 *	35.53	Max. at(ft) 31.84
-5 FT	95.13 *	95.13 *	75.00 *	70.37	59.61 *	50.51	47.22 *	39.41	46.06 *	38.74	Max. at(ft) 29.94
-10 FT	83.49 *	83.49 *	66.93 *	66.93 *	52.71 *	51.25			45.35 *	45.34	Max. at(ft) 27.00
-15 FT	64.78 *	64.78 *	51.60 *	51.60 *					41.92 *	41.92 *	Max. at(ft) 22.61

1. Load point is the end of the arm.
2. Capacities marked with an asterisk (\*) are limited by hydraulic capacities.
3. Lift capacities shown do not exceed 75 % of minimum tipping loads or 87 % of hydraulic capacities.
4. The least stable position is over the side.
5. Lift capacities apply only to the machine as originally manufactured and normally equipped by the manufacturer.
6. The total mass of machine is 91,025 kg included in this mass boom 7.25 m, arm 2.9 m, 12,758 kg counterweight, 6.8 Kg bucket, all operating fluids and a 75 kg operator.
7. Lift capacities are in compliance with ISO 10567.











: Rating Over Front  
 : Rating Over Side or 360 Degree













## OPTION 1

### Metric

Boom: 7,250 mm (23'9") Arm: 2,900 mm (9'6") Shoe: 750 mm (2'4") Counter Weight: 12,760 kg (28,126lb)

A(m) B(m)	4.5		6		7.5		9		Max		Reach (m)
											
10.5									19.98 *	19.98 *	Max. at(m) 6.40
9					21.16 *	21.16 *			17.95 *	17.95 *	Max. at(m) 7.90
7.5					21.36 *	21.36 *			17.12 *	17.12 *	Max. at(m) 8.91
6			26.69 *	26.69 *	22.77 *	22.77 *	20.63 *	19.96	16.94 *	16.94 *	Max. at(m) 9.57
4.5			30.62 *	30.62 *	24.73 *	24.73 *	21.48 *	19.39	17.25 *	16.46	Max. at(m) 9.96
3			34.06 *	34.03	26.63 *	24.54	22.42 *	18.76	18.06 *	15.74	Max. at(m) 10.10
1.5			35.83 *	32.73	27.90 *	23.67	23.05 *	18.25	19.47 *	15.65	Max. at(m) 10.02
0			35.76 *	32.17	28.14 *	23.17	22.94 *	17.96	20.80 *	16.23	Max. at(m) 9.70
-1.5	43.15 *	43.15 *	34.02 *	32.13	27.04 *	23.07	21.42 *	18	20.89 *	17.69	Max. at(m) 9.13
-3	37.87 *	37.87 *	30.36 *	30.36 *	23.91 *	23.4			20.57 *	20.57 *	Max. at(m) 8.23
-4.5	29.38 *	29.38 *	23.41 *	23.41 *					19.02 *	19.02 *	Max. at(m) 6.89

### Feet

A(ft) B(ft)	15		20		25		30		Max		Reach (ft)
											
35									44.04 *	44.04 *	Max. at(ft) 20.99
30					46.64 *	46.64 *			39.57 *	39.57 *	Max. at(ft) 25.93
25					47.08 *	47.08 *			37.73 *	37.73 *	Max. at(ft) 29.23
20			58.84 *	58.84 *	50.20 *	50.20 *	45.49 *	44.01	37.34 *	37.34 *	Max. at(ft) 31.39
15			67.52 *	67.52 *	54.52 *	54.52 *	47.36 *	42.74	38.04 *	36.29	Max. at(ft) 32.67
10			75.09 *	75.01	58.71 *	54.1	49.44 *	41.36	39.82 *	34.71	Max. at(ft) 33.15
5			78.99 *	72.15	61.50 *	52.18	50.81 *	40.23	42.92 *	34.51	Max. at(ft) 32.88
0			78.84 *	70.92	62.03 *	51.09	50.58 *	39.59	45.86 *	35.78	Max. at(ft) 31.84
-5	95.13 *	95.13 *	75.00 *	70.84	59.61 *	50.85	47.22 *	39.68	46.06 *	39.01	Max. at(ft) 29.94
-10	83.49 *	83.49 *	66.93 *	66.93 *	52.71 *	51.6			45.35 *	45.35 *	Max. at(ft) 27.00
-15	64.78 *	64.78 *	51.60 *	51.60 *					41.92 *	41.92 *	Max. at(ft) 22.61

1. Load point is the end of the arm.

2. Capacities marked with an asterisk (\*) are limited by hydraulic capacities.

3. Lift capacities shown do not exceed 75 % of minimum tipping loads or 87 % of hydraulic capacities.

4. The least stable position is over the side.

5. Lift capacities apply only to the machine as originally manufactured and normally equipped by the manufacturer.

6. The total mass of machine is 91,637 kg included in this mass boom 7.25 m, arm 2.9 m, 12,758 kg counterweight, 6.8 Kg bucket, all operating fluids and a 75 kg operator.

7. Lift capacities are in compliance with ISO 10567.

 : Rating Over Front













 : Rating Over Side or 360 Degree

# LIFTING CAPACITY













## OPTION 2

### Metric

Boom: 8,400 mm (27'6") Arm: 3,700 mm (12'1") Shoe: 750 mm (2'4") Counter Weight: 12,760 kg (28,126lb)

A(m) B(m)	4.5		6		7.5		9		10.5		Max		Reach (m)
													
10.5							15.25 *	15.25 *			14.63 *	14.63 *	Max. at(m) 9.06
9							17.95 *	17.95 *			13.90 *	13.90 *	Max. at(m) 10.17
7.5					20.71 *	20.71 *	18.47 *	18.47 *	17.01 *	15.53	13.63 *	13.63 *	Max. at(m) 10.96
6					22.52 *	22.52 *	19.41 *	19.41 *	17.35 *	15.18	13.67 *	12.87	Max. at(m) 11.50
4.5					24.49 *	24.49 *	20.48 *	18.75	17.86 *	14.69	14.00 *	12	Max. at(m) 11.83
3					26.09 *	23.34	21.41 *	17.91	18.30 *	14.19	14.64 *	11.53	Max. at(m) 11.95
1.5					26.88 *	22.31	21.92 *	17.22	18.47 *	13.76	15.63 *	11.42	Max. at(m) 11.88
0					26.68 *	21.71	21.80 *	16.76	18.16 *	13.46	15.67 *	11.67	Max. at(m) 11.62
-1.5			31.29 *	30.12	25.46 *	21.48	20.88 *	16.55	17.09 *	13.36	15.37 *	12.36	Max. at(m) 11.14
-3	33.04 *	33.04 *	28.04 *	28.04 *	23.16 *	21.56	18.91 *	16.61			14.81 *	13.68	Max. at(m) 10.43
-4.5	27.13 *	27.13 *	23.42 *	23.42 *	19.41 *	19.41 *	15.18 *	15.18 *			13.70 *	13.70 *	Max. at(m) 9.41
-6			16.64 *	16.64 *	13.05 *	13.05 *					11.34 *	11.34 *	Max. at(m) 7.98

### Feet

A(ft) B(ft)	15		20		25		30		35		Max		Reach (ft)
													
35							33.63 *	33.63 *			32.26 *	32.26 *	Max. at(ft) 29.72
30							39.57 *	39.57 *			30.65 *	30.65 *	Max. at(ft) 33.37
25					45.66 *	45.66 *	40.71 *	40.71 *	37.49 *	34.25	30.04 *	30.04 *	Max. at(ft) 35.97
20					49.64 *	49.64 *	42.78 *	42.78 *	38.25 *	33.47	30.14 *	28.38	Max. at(ft) 37.74
15					53.99 *	53.99 *	45.16 *	41.33	39.37 *	32.39	30.87 *	26.45	Max. at(ft) 38.80
10					57.52 *	51.45	47.20 *	39.47	40.35 *	31.28	32.26 *	25.43	Max. at(ft) 39.21
5					59.26 *	49.19	48.32 *	37.96	40.72 *	30.33	34.47 *	25.18	Max. at(ft) 38.98
0					58.82 *	47.86	48.06 *	36.94	40.04 *	29.68	34.55 *	25.74	Max. at(ft) 38.11
-5			68.99 *	66.39	56.14 *	47.35	46.04 *	36.49	37.68 *	29.46	33.88 *	27.26	Max. at(ft) 36.55
-10	72.85 *	72.85 *	61.82 *	61.82 *	51.05 *	47.54	41.69 *	36.62			32.66 *	30.16	Max. at(ft) 34.20
-15	59.81 *	59.81 *	51.64 *	51.64 *	42.80 *	42.80 *	33.46 *	33.46 *			30.21 *	30.21 *	Max. at(ft) 30.86
-20			36.68 *	36.68 *	28.77 *	28.77 *					25.01 *	25.01 *	Max. at(ft) 26.19

1. Load point is the end of the arm.

2. Capacities marked with an asterisk (\*) are limited by hydraulic capacities.

3. Lift capacities shown do not exceed 75 % of minimum tipping loads or 87 % of hydraulic capacities.

4. The least stable position is over the side.

5. Lift capacities apply only to the machine as originally manufactured and normally equipped by the manufacturer.

6. The total mass of machine is 92,521 kg included in this mass boom 8.4 m, arm 3.7 m, 12758 kg counterweight, 5.4 Kg bucket, all operating fluids and a 75 kg operator.

7. Lift capacities are in compliance with ISO 10567.













 : Rating Over Front

 : Rating Over Side or 360 Degree













### OPTION 3

#### Metric

Boom: 8,400 mm (27'6") Arm: 3,700 mm (12'1") Shoe: 900 mm (2'9") Counter Weight: 12,760 kg (28,126lb)

A(m) B(m)	4.5		6		7.5		9		10.5		Max		Reach (m)
													
10.5							15.25 *	15.25 *			14.63 *	14.63 *	Max. at(m) 9.06
9							17.95 *	17.95 *			13.90 *	13.90 *	Max. at(m) 10.17
7.5					20.71 *	20.71 *	18.47 *	18.47 *	17.01 *	15.73	13.63 *	13.63 *	Max. at(m) 10.96
6					22.52 *	22.52 *	19.41 *	19.41 *	17.35 *	15.38	13.67 *	13.05	Max. at(m) 11.50
4.5					24.49 *	24.49 *	20.48 *	18.99	17.86 *	14.89	14.00 *	12.17	Max. at(m) 11.83
3					26.09 *	23.64	21.41 *	18.15	18.30 *	14.39	14.64 *	11.7	Max. at(m) 11.95
1.5					26.88 *	22.62	21.92 *	17.46	18.47 *	13.96	15.63 *	11.6	Max. at(m) 11.88
0					26.68 *	22.01	21.80 *	17	18.16 *	13.66	15.67 *	11.85	Max. at(m) 11.62
-1.5			31.29 *	30.53	25.46 *	21.78	20.88 *	16.79	17.09 *	13.56	15.37 *	12.55	Max. at(m) 11.14
-3	33.04 *	33.04 *	28.04 *	28.04 *	23.16 *	21.87	18.91 *	16.85			14.81 *	13.88	Max. at(m) 10.43
-4.5	27.13 *	27.13 *	23.42 *	23.42 *	19.41 *	19.41 *	15.18 *	15.18 *			13.70 *	13.70 *	Max. at(m) 9.41
-6			16.64 *	16.64 *	13.05 *	13.05 *					11.34 *	11.34 *	Max. at(m) 7.98

#### Feet

A(ft) B(ft)	15		20		25		30		35		Max		Reach (ft)
													
35							33.63 *	33.63 *			32.26 *	32.26 *	Max. at(ft) 29.72
30							39.57 *	39.57 *			30.65 *	30.65 *	Max. at(ft) 33.37
25					45.66 *	45.66 *	40.71 *	40.71 *	37.49 *	34.69	30.04 *	30.04 *	Max. at(ft) 35.97
20					49.64 *	49.64 *	42.78 *	42.78 *	38.25 *	33.91	30.14 *	28.77	Max. at(ft) 37.74
15					53.99 *	53.99 *	45.16 *	41.86	39.37 *	32.83	30.87 *	26.84	Max. at(ft) 38.80
10					57.52 *	52.12	47.20 *	40.01	40.35 *	31.72	32.26 *	25.8	Max. at(ft) 39.21
5					59.26 *	49.86	48.32 *	38.49	40.72 *	30.77	34.47 *	25.56	Max. at(ft) 38.98
0					58.82 *	48.53	48.06 *	37.48	40.04 *	30.12	34.55 *	26.13	Max. at(ft) 38.11
-5			68.99 *	67.31	56.14 *	48.02	46.04 *	37.02	37.68 *	29.9	33.88 *	27.66	Max. at(ft) 36.55
-10	72.85 *	72.85 *	61.82 *	61.82 *	51.05 *	48.21	41.69 *	37.16			32.66 *	30.6	Max. at(ft) 34.20
-15	59.81 *	59.81 *	51.64 *	51.64 *	42.80 *	42.80 *	33.46 *	33.46 *			30.21 *	30.21 *	Max. at(ft) 30.86
-20			36.68 *	36.68 *	28.77 *	28.77 *					25.01 *	25.01 *	Max. at(ft) 26.19

1. Load point is the end of the arm.

2. Capacities marked with an asterisk (\*) are limited by hydraulic capacities.


3. Lift capacities shown do not exceed 75 % of minimum tipping loads or 87 % of hydraulic capacities.

4. The least stable position is over the side.

5. Lift capacities apply only to the machine as originally manufactured and normally equipped by the manufacturer.

6. The total mass of machine is 93,714 kg included in this mass boom 8.4 m, arm 3.7 m, 12758 kg counterweight, 5.4 Kg bucket, all operating fluids and a 75 kg operator.

7. Lift capacities are in compliance with ISO 10567.

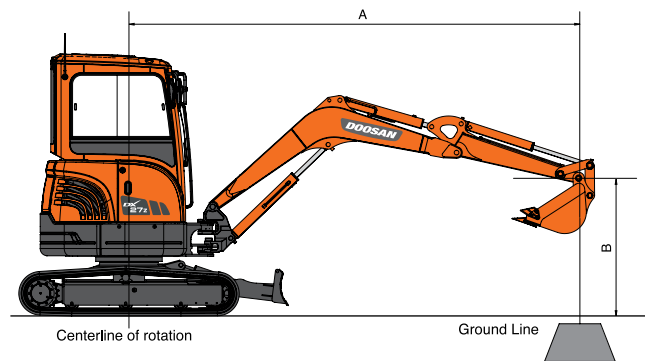
 : Rating Over Front

 : Rating Over Side or 360 Degree



# DX27Z

## Lifting Capacity



### [ Dozer up ]

Metric	Boom : 2,000mm(6'7")		Arm : 1,100mm(3'7")		Bucket : SAE 0.08m³(0.11yd³)		CECE 0.07m³(0.09yd³)		Shoe : 300mm(1')		Unit : 1,000kg
A(m)	2		2.5		3		3.5		Max. Reach		A(m)
B(m)											
3					0.54	0.45			0.53	0.44	3.03
2.5					0.54	0.45			0.44	0.36	3.39
2			*0.68	0.60	0.54	0.45	0.41	0.34	0.39	0.32	3.63
1.5	1.03	0.83	0.71	0.58	0.53	0.44	0.41	0.34	0.37	0.30	3.76
1			0.69	0.57	0.52	0.43	0.41	0.34	0.36	0.30	3.80
0.5	0.97	0.77	0.68	0.55	0.51	0.42	0.40	0.33	0.36	0.30	3.76
O (Ground)	0.96	0.77	0.67	0.55	0.51	0.42	0.40	0.33	0.38	0.31	3.63
-0.5	0.96	0.77	0.67	0.55	0.51	0.42			0.42	0.35	3.40
-1	0.97	0.78	0.67	0.55	0.51	0.42			0.50	0.41	3.04
-1.5	0.99	0.79							0.70	0.58	2.46

Feet	6		8		10		12		Max. Reach		Unit : 1,000lb
A(ft)											A(ft)
B(ft)											
10									1.19	0.99	9.79
8					1.16	0.96			0.95	0.79	11.25
6			1.65	1.36	1.15	0.95	0.85	0.70	0.84	0.70	12.08
4			1.60	1.31	1.13	0.93	0.84	0.70	0.79	0.66	12.44
2			1.56	1.27	1.11	0.91	0.83	0.69	0.79	0.66	12.39
O (Ground)	2.48	1.96	1.54	1.25	1.09	0.90			0.84	0.69	11.91
-2	2.49	1.97	1.54	1.25	1.09	0.90			0.95	0.79	10.94
-4	2.52	2.00	1.55	1.27					1.24	1.02	9.25

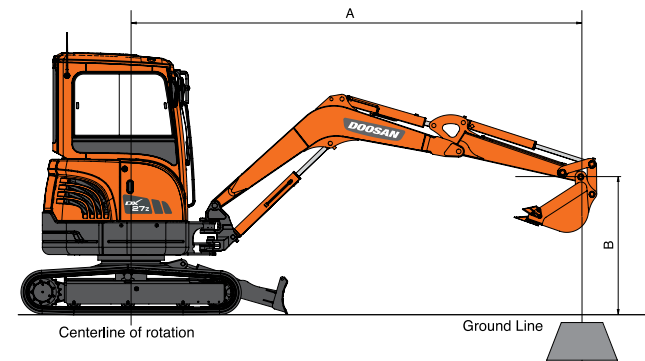
### [ Dozer Down ]

Metric	Boom : 2,000mm(6'7")		Arm : 1,100mm(3'7")		Bucket : SAE 0.08m³(0.11yd³)		CECE 0.07m³(0.09yd³)		Shoe : 300mm(1')		Unit : 1,000kg
A(m)	2		2.5		3		3.5		Max. Reach		A(m)
B(m)											
3					*0.60	0.44			*0.60	0.44	3.03
2.5					*0.58	0.45			*0.61	0.36	3.39
2			*0.68	0.60	*0.63	0.44	*0.61	0.34	*0.62	0.32	3.63
1.5	*1.20	0.83	*0.87	0.58	*0.73	0.44	*0.65	0.34	*0.63	0.30	3.76
1			*1.06	0.57	*0.83	0.43	*0.70	0.34	*0.66	0.30	3.80
0.5	*1.27	0.77	*1.19	0.55	*0.91	0.42	*0.74	0.33	*0.68	0.30	3.76
O (Ground)	*1.70	0.77	*1.25	0.55	*0.94	0.42	*0.75	0.33	*0.71	0.31	3.63
-0.5	*1.69	0.77	*1.22	0.55	*0.92	0.42	*0.74	0.35	*0.74	0.35	3.40
-1	*1.50	0.78	*1.09	0.55	*0.79	0.42			*0.77	0.41	3.04
-1.5	*1.12	0.79							*0.78	0.57	2.46

Feet	6		8		10		12		Max. Reach		Unit : 1,000lb
A(ft)											A(ft)
B(ft)											
10									*1.33	0.99	9.79
8					*1.29	0.96			*1.34	0.78	11.25
6			*1.67	1.36	*1.45	0.95	*1.37	0.70	*1.37	0.69	12.08
4			*2.24	1.31	*1.70	0.93	*1.45	0.70	*1.42	0.66	12.44
2			*2.69	1.27	*1.92	0.91	*1.54	0.69	*1.49	0.65	12.39
O (Ground)	*2.79	1.95	*2.86	1.25	*2.03	0.90			*1.56	0.69	11.91
-2	*4.17	1.97	*2.74	1.25	*1.95	0.90			*1.64	0.79	10.94
-4	*3.39	1.99	*2.26	1.26					*1.71	1.02	9.25

- The load point is a hook located on the back of the bucket.
- \* Rated loads are based on hydraulic capacity.
- Rated loads do not exceed 87% of hydraulic capacity or 75% of tipping capacity.

: Rating Over Front  
 : Rating Over Side or 360 degree



### [ Dozer up - Option Arm & Additional Weight ]

Metric	Boom : 2,000mm(6'7")		Arm : 1,300mm(4'3")		Bucket : SAE 0.08m³(0.11yd³)		CECE 0.07m³(0.09yd³)		Shoe : 300mm(1')		Unit : 1,000kg
A(m)	2		2.5		3		3.5		Max. Reach		A(m)
B(m)											
3.5									*0.55	0.55	2.76
3					*0.50	0.49			0.51	0.42	3.27
2.5					*0.50	0.49	0.46	0.38	0.43	0.36	3.61
2					*0.57	0.49	0.45	0.38	0.39	0.33	3.82
1.5	*1.00	0.91	*0.77	0.64	0.58	0.48	0.45	0.38	0.37	0.31	3.95
1	1.08	0.87	0.75	0.62	0.57	0.45	0.45	0.37	0.36	0.30	3.99
0.5	1.05	0.85	0.74	0.61	0.56	0.47	0.44	0.37	0.36	0.30	3.95
O (Ground)	1.04	0.84	0.73	0.60	0.55	0.46	0.44	0.36	0.38	0.32	3.83
-0.5	1.04	0.84	0.73	0.59	0.55	0.46	0.44	0.36	0.42	0.35	3.61
-1	1.05	0.84	0.73	0.60	0.55	0.45			0.48	0.40	3.28
-1.5	1.06	0.85	0.73	0.60					0.63	0.52	2.78

Feet	6		8		10		12		Max. Reach		Unit : 1,000lb
A(ft)											A(ft)
B(ft)											
10					*1.13	1.05			1.14	0.95	10.61
8					*1.13	1.06			0.94	0.78	11.94
6			*1.43	*1.43	1.25	1.05	0.93	0.78	0.84	0.70	12.71
4			1.75	1.44	1.23	1.02	0.92	0.77	0.80	0.67	13.05
2			1.70	1.39	1.20	1.00	0.91	0.76	0.80	0.67	13.00
O (Ground)	2.68	2.13	1.67	1.37	1.19	0.98	0.90	0.75	0.84	0.70	12.56
-2	2.69	2.13	1.66	1.36	1.18	0.98			0.94	0.78	11.65
-4	2.71	2.15	1.67	1.37	1.19	0.99			1.17	0.97	10.13
-4	*2.39	2.20							*1.65	1.57	7.43

### [ Dozer down - Option Arm & Additional Weight ]

Metric	Boom : 2,000mm(6'7")		Arm : 1,300mm(4'3")		Bucket : SAE 0.08m³(0.11yd³)		CECE 0.07m³(0.09yd³)		Shoe : 300mm(1')		Unit : 1,000kg
A(m)	2		2.5		3		3.5		Max. Reach		A(m)
B(m)											
3.5									*0.55	*0.55	2.76
3					*0.50	0.49			*0.54	0.42	3.27
2.5					*0.50	0.49	*0.54	0.38	*0.55	0.36	3.61
2					*0.57	0.49	*0.56	0.38	*0.56	0.33	3.82
1.5	*1.00	0.91	*0.77	0.64	*0.66	0.48	*0.61	0.38	*0.58	0.31	3.95
1	*1.45	0.87	*0.98	0.62	*0.77	0.47	*0.66	0.37	*0.60	0.30	3.99
0.5	*1.51	0.85	*1.14	0.61	*0.87	0.46	*0.72	0.37	*0.63	0.30	3.95
O (Ground)	*1.68	0.84	*1.23	0.60	*0.93	0.46	*0.75	0.36	*0.65	0.32	3.83
-0.5	*1.74	0.84	*1.23	0.59	*0.93	0.45	*0.73	0.36	*0.68	0.35	3.61
-1	*1.59	0.84	*1.15	0.60	*0.86	0.45			*0.72	0.40	3.28
-1.5	*1.30	0.85	*0.93	0.60					*0.75	0.52	2.78

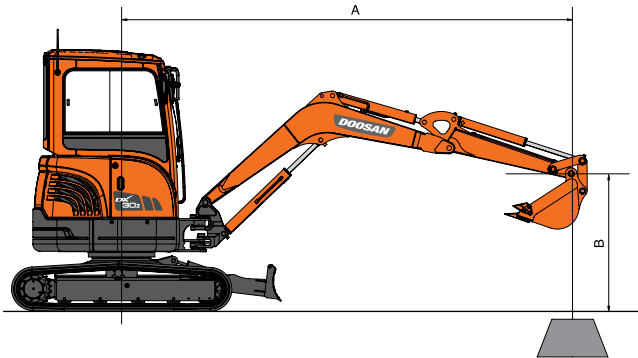
Feet	6		8		10		12		Max. Reach		Unit : 1,000lb
A(ft)											A(ft)
B(ft)											
10					*1.13	1.05			*1.20	0.95	10.61
8					*1.13	1.06			*1.22	0.78	11.94
6			*1.43	*1.43	*1.31	1.05	*1.25	0.78	*1.26	0.70	12.71
4			*2.03	1.44	*1.58	1.02	*1.37	0.77	*1.31	0.67	13.05
2			*2.55	1.39	*1.84	1.00	*1.49	0.76	*1.37	0.67	13.00
O (Ground)	*2.75	2.13	*2.81	1.37	*1.99	0.98	*1.54	0.75	*1.44	0.70	12.56
-2	*4.24	2.13	*2.79	1.36	*1.99	0.98			*1.52	0.78	11.65
-4	*3.73	2.15	*2.46	1.37	*1.66	0.99			*1.61	0.97	10.13
-4	*2.39	2.20							*1.65	1.57	7.43

- The load point is a hook located on the back of the bucket.
- \* Rated loads are based on hydraulic capacity.
- Rated loads do not exceed 87% of hydraulic capacity or 75% of tipping capacity.

: Rating Over Front  
 : Rating Over Side or 360 degree

DX30Z

Lifting Capacity



[ Dozer up ]

Metric	Boom : 2,280mm(7'6")		Arm : 1,190mm(3'11")		Bucket : SAE 0.09m³(0.12yd³) CECE 0.078m³(0.10yd³)		Shoe : 300mm(1')		Unit : 1,000kg		
A(m)	2		2.5		3		3.5		Max. Reach		A(m)
B(m)											
3					*0.50	0.50			0.55	0.38	3.50
2.5					*0.55	0.50	0.56	0.38	0.48	0.33	3.81
2	*0.90	*0.90	*0.73	0.66	*0.65	0.49	0.55	0.38	0.44	0.30	4.01
1.5			0.95	0.63	0.70	0.48	0.55	0.37	0.42	0.28	4.12
1			0.92	0.61	0.69	0.47	0.54	0.37	0.41	0.27	4.16
0.5			0.90	0.60	0.68	0.46	0.53	0.36	0.41	0.28	4.12
O (Ground)	*1.27	0.83	0.90	0.59	0.67	0.45	0.53	0.36	0.43	0.29	4.00
-0.5	1.31	0.83	0.90	0.59	0.67	0.45	0.53	0.35	0.47	0.31	3.80
-1	1.32	0.84	0.90	0.59	0.67	0.45			0.54	0.36	3.49
-1.5	1.34	0.86	0.91	0.60	0.68	0.46			0.67	0.45	3.02

Feet	6		8		10		12		Max. Reach		Unit : 1,000lb
A(ft)											A(ft)
B(ft)											
10					*1.12	1.07			1.24	0.85	11.4
8					*1.23	1.06	1.14	0.78	1.05	0.71	12.7
6			*1.83	1.49	*1.51	1.04	1.13	0.77	0.95	0.64	13.4
4			2.14	1.42	1.49	1.01	1.12	0.76	0.91	0.61	13.7
2			2.08	1.37	1.47	0.98	1.10	0.74	0.91	0.61	13.7
O (Ground)	*2.10	*2.10	2.06	1.35	1.45	0.97	1.09	0.73	0.95	0.64	13.1
-2	3.43	2.14	2.06	1.35	1.44	0.96	1.09	0.73	1.06	0.71	12.3
-4	3.47	2.17	2.08	1.37	1.45	0.97			1.29	0.87	10.10

[ Dozer Down ]

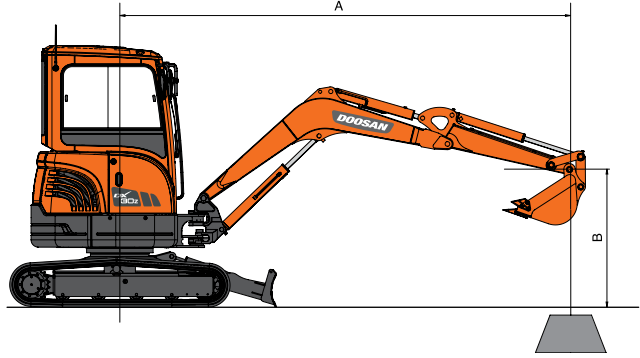
Metric	Boom : 2,280mm(7'6")		Arm : 1,190mm(3'11")		Bucket : SAE 0.09m³(0.12yd³) CECE 0.078m³(0.10yd³)		Shoe : 300mm(1')		Unit : 1,000kg		
A(m)	2		2.5		3		3.5		Max. Reach		A(m)
B(m)											
3					*0.50	0.50			*0.57	0.38	3.50
2.5					*0.55	0.49	*0.56	0.38	*0.59	0.33	3.81
2	*0.90	*0.90	*0.73	0.65	*0.65	0.49	*0.61	0.38	*0.61	0.30	4.01
1.5			*0.98	0.63	*0.78	0.48	*0.68	0.37	*0.63	0.28	4.12
1			*1.22	0.61	*0.92	0.46	*0.76	0.36	*0.66	0.27	4.16
0.5			*1.38	0.59	*1.02	0.45	*0.83	0.36	*0.69	0.28	4.12
O (Ground)	*1.27	0.83	*1.45	0.59	*1.09	0.45	*0.87	0.36	*0.72	0.29	4.00
-0.5	*2.00	0.83	*1.44	0.59	*1.10	0.45	*0.87	0.35	*0.76	0.31	3.80
-1	*1.88	0.84	*1.37	0.59	*1.05	0.45	*0.81		*0.81	0.36	3.49
-1.5	*1.63	0.85	*1.20	0.60	*0.88	0.46			*0.87	0.45	3.02

Feet	6		8		10		12		Max. Reach		Unit : 1,000lb
A(ft)											A(ft)
B(ft)											
10					*1.12	1.07			*1.25	0.85	11.4
8					*1.23	1.06	*1.27	0.77	*1.30	0.71	12.7
6			*1.83	1.48	*1.51	1.04	*1.37	0.77	*1.35	0.64	13.4
4			*2.58	1.42	*1.86	1.01	*1.54	0.75	*1.42	0.61	13.7
2			*3.12	1.37	*2.16	0.98	*1.70	0.74	*1.50	0.60	13.7
O (Ground)	*2.10	*2.10	*3.32	1.35	*2.34	0.97	*1.80	0.73	*1.59	0.63	13.1
-2	*4.05	2.13	*3.28	1.35	*2.35	0.96	*1.77	0.73	*1.70	0.71	12.3
-4	*4.46	2.16	*2.99	1.36	*2.14	0.97			*1.83	0.86	10.10











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











: Rating Over Front

: Rating Over Side or 360 degree























[ Dozer up - Option Arm & Additional Weight ]

Metric	Boom : 2,280mm(7'6")		Arm : 1,300mm(4'3")		Bucket : SAE 0.09m³(0.12yd³) CECE 0.078m³(0.10yd³)		Shoe : 300mm(1')		Unit : 1,000kg		
A(m)	2		2.5		3		3.5		Max. Reach		
B(m)											A(m)
3					*0.46	*0.46	*0.52	0.41	*0.54	0.39	3.63
2.5					*0.51	*0.51	*0.53	0.42	*0.56	0.34	3.92
2			*0.66	*0.66	*0.61	0.53	*0.58	0.41	*0.58	0.31	4.11
1.5			*0.92	0.69	*0.74	0.52	*0.65	0.41	*0.60	0.29	4.22
1			*1.17	0.66	*0.88	0.51	*0.74	0.40	*0.63	0.29	4.26
0.5			*1.34	0.65	*1.00	0.50	*0.81	0.39	*0.66	0.29	4.22
O (Ground)	*1.29	0.90	*1.43	0.64	*1.07	0.49	*0.86	0.39	*0.69	0.30	4.11
-0.5	*1.90	0.90	*1.44	0.64	*1.09	0.49	*0.87	0.39	*0.73	0.33	3.91
-1	*1.92	0.91	*1.39	0.64	*1.06	0.49	*0.83	0.39	*0.78	0.37	3.61
-1.5	*1.70	0.92	*1.24	0.65	*0.93	0.49			*0.83	0.45	3.18

Feet											Unit : 1,000lb	
A(ft)	6		8		10		12		Max. Reach			
B(ft)											A(ft)	
10					*1.02	*1.02			*1.19	0.87	11.9	
8					*1.14	1.14	*1.19	0.85	*1.24	0.74	12.11	
6			*1.68	1.61	*1.42	1.13	*1.31	0.84	*1.29	0.67	13.8	
4			*2.44	1.54	*1.78	1.10	*1.49	0.83	*1.36	0.64	13.11	
2			*3.03	1.49	*2.10	1.07	*1.66	0.81	*1.44	0.64	13.11	
O (Ground)	*2.15	*2.15	*3.29	1.46	*2.31	1.05	*1.78	0.80	*1.53	0.67	13.6	
-2	*3.82	2.30	*3.29	1.46	*2.35	1.05	*1.79	0.80	*1.63	0.74	12.8	
-4	*4.62	2.33	*3.06	1.47	*2.20	1.05			*1.76	0.88	11.3	

[ Dozer down - Option Arm & Additional Weight ]

Metric	Boom : 2,280mm(7'6")		Arm : 1,300mm(4'3")		Bucket : SAE 0.09m³(0.12yd³) CECE 0.078m³(0.10yd³)		Shoe : 300mm(1')		Unit : 1,000kg		
A(m)	2		2.5		3		3-5		Max. Reach		
B(m)											A(m)
3					*0.46	*0.46	*0.52	0.41	*0.54	0.39	3.63
2.5					*0.51	*0.51	*0.53	0.42	*0.56	0.34	3.92
2			*0.66	*0.66	*0.61	0.53	*0.58	0.41	*0.58	0.31	4.11
1.5			*0.92	0.69	*0.74	0.52	*0.65	0.41	*0.60	0.29	4.22
1			*1.17	0.66	*0.88	0.51	*0.74	0.40	*0.63	0.29	4.26
0.5			*1.34	0.65	*1.00	0.50	*0.81	0.39	*0.66	0.29	4.22
O (Ground)	*1.29	0.90	*1.43	0.64	*1.07	0.49	*0.86	0.39	*0.69	0.30	4.11
-0.5	*1.90	0.90	*1.44	0.64	*1.09	0.49	*0.87	0.39	*0.73	0.33	3.91
-1	*1.92	0.91	*1.39	0.64	*1.06	0.49	*0.83	0.39	*0.78	0.37	3.61
-1.5	*1.70	0.92	*1.24	0.65	*0.93	0.49			*0.83	0.45	3.18

Feet											Unit : 1,000lb	
A(ft)	6		8		10		12		Max. Reach			
B(ft)											A(ft)	
10					*1.02	*1.02			*1.19	0.87	11.9	
8					*1.14	1.14	*1.19	0.85	*1.24	0.74	12.11	
6			*1.68	1.61	*1.42	1.13	*1.31	0.84	*1.29	0.67	13.8	
4			*2.44	1.54	*1.78	1.10	*1.49	0.83	*1.36	0.64	13.11	
2			*3.03	1.49	*2.10	1.07	*1.66	0.81	*1.44	0.64	13.11	
O (Ground)	*2.15	*2.15	*3.29	1.46	*2.31	1.05	*1.78	0.80	*1.53	0.67	13.6	
-2	*3.82	2.30	*3.29	1.46	*2.35	1.05	*1.79	0.80	*1.63	0.74	12.8	
-4	*4.62	2.33	*3.06	1.47	*2.20	1.05			*1.76	0.88	11.3	

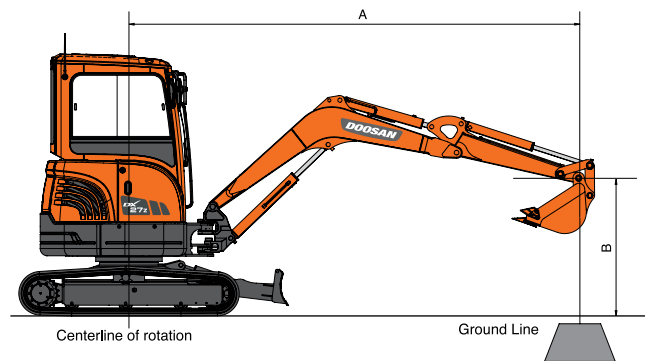
1. The load point is a hook located on the back of the bucket.
2. \* Rated loads are based on hydraulic capacity.
3. Rated loads do not exceed 87% of hydraulic capacity or 75% of tipping capacity.

: Rating Over Front

: Rating Over Side or 360 degree

# DX27Z

## Lifting Capacity



### [ Dozer up ]

Metric	Boom : 2,000mm(6'7")		Arm : 1,100mm(3'7")		Bucket : SAE 0.08m³(0.11yd³)		CECE 0.07m³(0.09yd³)		Shoe : 300mm(1')		Unit : 1,000kg
A(m)	2		2.5		3		3.5		Max. Reach		A(m)
B(m)											
3					0.54	0.45			0.53	0.44	3.03
2.5					0.54	0.45			0.44	0.36	3.39
2			*0.68	0.60	0.54	0.45	0.41	0.34	0.39	0.32	3.63
1.5	1.03	0.83	0.71	0.58	0.53	0.44	0.41	0.34	0.37	0.30	3.76
1			0.69	0.57	0.52	0.43	0.41	0.34	0.36	0.30	3.80
0.5	0.97	0.77	0.68	0.55	0.51	0.42	0.40	0.33	0.36	0.30	3.76
O (Ground)	0.96	0.77	0.67	0.55	0.51	0.42	0.40	0.33	0.38	0.31	3.63
-0.5	0.96	0.77	0.67	0.55	0.51	0.42			0.42	0.35	3.40
-1	0.97	0.78	0.67	0.55	0.51	0.42			0.50	0.41	3.04
-1.5	0.99	0.79							0.70	0.58	2.46

Feet	6		8		10		12		Max. Reach		Unit : 1,000lb
A(ft)											A(ft)
B(ft)											
10									1.19	0.99	9.79
8					1.16	0.96			0.95	0.79	11.25
6			1.65	1.36	1.15	0.95	0.85	0.70	0.84	0.70	12.08
4			1.60	1.31	1.13	0.93	0.84	0.70	0.79	0.66	12.44
2			1.56	1.27	1.11	0.91	0.83	0.69	0.79	0.66	12.39
O (Ground)	2.48	1.96	1.54	1.25	1.09	0.90			0.84	0.69	11.91
-2	2.49	1.97	1.54	1.25	1.09	0.90			0.95	0.79	10.94
-4	2.52	2.00	1.55	1.27					1.24	1.02	9.25

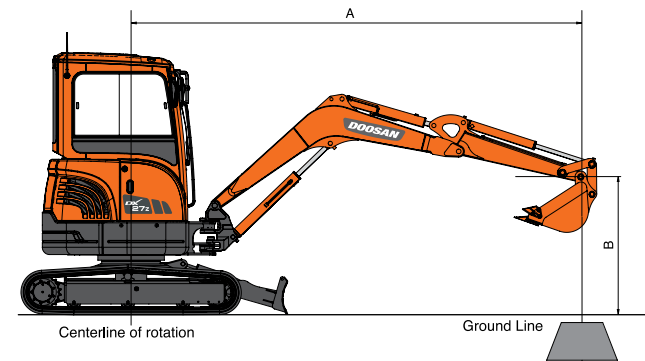
### [ Dozer Down ]

Metric	Boom : 2,000mm(6'7")		Arm : 1,100mm(3'7")		Bucket : SAE 0.08m³(0.11yd³)		CECE 0.07m³(0.09yd³)		Shoe : 300mm(1')		Unit : 1,000kg
A(m)	2		2.5		3		3.5		Max. Reach		A(m)
B(m)											
3					*0.60	0.44			*0.60	0.44	3.03
2.5					*0.58	0.45			*0.61	0.36	3.39
2			*0.68	0.60	*0.63	0.44	*0.61	0.34	*0.62	0.32	3.63
1.5	*1.20	0.83	*0.87	0.58	*0.73	0.44	*0.65	0.34	*0.63	0.30	3.76
1			*1.06	0.57	*0.83	0.43	*0.70	0.34	*0.66	0.30	3.80
0.5	*1.27	0.77	*1.19	0.55	*0.91	0.42	*0.74	0.33	*0.68	0.30	3.76
O (Ground)	*1.70	0.77	*1.25	0.55	*0.94	0.42	*0.75	0.33	*0.71	0.31	3.63
-0.5	*1.69	0.77	*1.22	0.55	*0.92	0.42	*0.74	0.35	*0.74	0.35	3.40
-1	*1.50	0.78	*1.09	0.55	*0.79	0.42			*0.77	0.41	3.04
-1.5	*1.12	0.79							*0.78	0.57	2.46

Feet	6		8		10		12		Max. Reach		Unit : 1,000lb
A(ft)											A(ft)
B(ft)											
10									*1.33	0.99	9.79
8					*1.29	0.96			*1.34	0.78	11.25
6			*1.67	1.36	*1.45	0.95	*1.37	0.70	*1.37	0.69	12.08
4			*2.24	1.31	*1.70	0.93	*1.45	0.70	*1.42	0.66	12.44
2			*2.69	1.27	*1.92	0.91	*1.54	0.69	*1.49	0.65	12.39
O (Ground)	*2.79	1.95	*2.86	1.25	*2.03	0.90			*1.56	0.69	11.91
-2	*4.17	1.97	*2.74	1.25	*1.95	0.90			*1.64	0.79	10.94
-4	*3.39	1.99	*2.26	1.26					*1.71	1.02	9.25

- The load point is a hook located on the back of the bucket.
- \* Rated loads are based on hydraulic capacity.
- Rated loads do not exceed 87% of hydraulic capacity or 75% of tipping capacity.

: Rating Over Front  
 : Rating Over Side or 360 degree



### [ Dozer up - Option Arm & Additional Weight ]

Metric	Boom : 2,000mm(6'7")		Arm : 1,300mm(4'3")		Bucket : SAE 0.08m³(0.11yd³)		CECE 0.07m³(0.09yd³)		Shoe : 300mm(1')		Unit : 1,000kg
A(m)	2		2.5		3		3.5		Max. Reach		A(m)
B(m)											
3.5									*0.55	0.55	2.76
3					*0.50	0.49			0.51	0.42	3.27
2.5					*0.50	0.49	0.46	0.38	0.43	0.36	3.61
2					*0.57	0.49	0.45	0.38	0.39	0.33	3.82
1.5	*1.00	0.91	*0.77	0.64	0.58	0.48	0.45	0.38	0.37	0.31	3.95
1	1.08	0.87	0.75	0.62	0.57	0.45	0.45	0.37	0.36	0.30	3.99
0.5	1.05	0.85	0.74	0.61	0.56	0.47	0.44	0.37	0.36	0.30	3.95
O (Ground)	1.04	0.84	0.73	0.60	0.55	0.46	0.44	0.36	0.38	0.32	3.83
-0.5	1.04	0.84	0.73	0.59	0.55	0.46	0.44	0.36	0.42	0.35	3.61
-1	1.05	0.84	0.73	0.60	0.55	0.45			0.48	0.40	3.28
-1.5	1.06	0.85	0.73	0.60					0.63	0.52	2.78

Feet	6		8		10		12		Max. Reach		Unit : 1,000lb
A(ft)											A(ft)
B(ft)											
10					*1.13	1.05			1.14	0.95	10.61
8					*1.13	1.06			0.94	0.78	11.94
6			*1.43	*1.43	1.25	1.05	0.93	0.78	0.84	0.70	12.71
4			1.75	1.44	1.23	1.02	0.92	0.77	0.80	0.67	13.05
2			1.70	1.39	1.20	1.00	0.91	0.76	0.80	0.67	13.00
O (Ground)	2.68	2.13	1.67	1.37	1.19	0.98	0.90	0.75	0.84	0.70	12.56
-2	2.69	2.13	1.66	1.36	1.18	0.98			0.94	0.78	11.65
-4	2.71	2.15	1.67	1.37	1.19	0.99			1.17	0.97	10.13
-4	*2.39	2.20							*1.65	1.57	7.43

### [ Dozer down - Option Arm & Additional Weight ]

Metric	Boom : 2,000mm(6'7")		Arm : 1,300mm(4'3")		Bucket : SAE 0.08m³(0.11yd³)		CECE 0.07m³(0.09yd³)		Shoe : 300mm(1')		Unit : 1,000kg
A(m)	2		2.5		3		3.5		Max. Reach		A(m)
B(m)											
3.5									*0.55	*0.55	2.76
3					*0.50	0.49			*0.54	0.42	3.27
2.5					*0.50	0.49	*0.54	0.38	*0.55	0.36	3.61
2					*0.57	0.49	*0.56	0.38	*0.56	0.33	3.82
1.5	*1.00	0.91	*0.77	0.64	*0.66	0.48	*0.61	0.38	*0.58	0.31	3.95
1	*1.45	0.87	*0.98	0.62	*0.77	0.47	*0.66	0.37	*0.60	0.30	3.99
0.5	*1.51	0.85	*1.14	0.61	*0.87	0.46	*0.72	0.37	*0.63	0.30	3.95
O (Ground)	*1.68	0.84	*1.23	0.60	*0.93	0.46	*0.75	0.36	*0.65	0.32	3.83
-0.5	*1.74	0.84	*1.23	0.59	*0.93	0.45	*0.73	0.36	*0.68	0.35	3.61
-1	*1.59	0.84	*1.15	0.60	*0.86	0.45			*0.72	0.40	3.28
-1.5	*1.30	0.85	*0.93	0.60					*0.75	0.52	2.78

Feet	6		8		10		12		Max. Reach		Unit : 1,000lb
A(ft)											A(ft)
B(ft)											
10					*1.13	1.05			*1.20	0.95	10.61
8					*1.13	1.06			*1.22	0.78	11.94
6			*1.43	*1.43	*1.31	1.05	*1.25	0.78	*1.26	0.70	12.71
4			*2.03	1.44	*1.58	1.02	*1.37	0.77	*1.31	0.67	13.05
2			*2.55	1.39	*1.84	1.00	*1.49	0.76	*1.37	0.67	13.00
O (Ground)	*2.75	2.13	*2.81	1.37	*1.99	0.98	*1.54	0.75	*1.44	0.70	12.56
-2	*4.24	2.13	*2.79	1.36	*1.99	0.98			*1.52	0.78	11.65
-4	*3.73	2.15	*2.46	1.37	*1.66	0.99			*1.61	0.97	10.13
-4	*2.39	2.20							*1.65	1.57	7.43

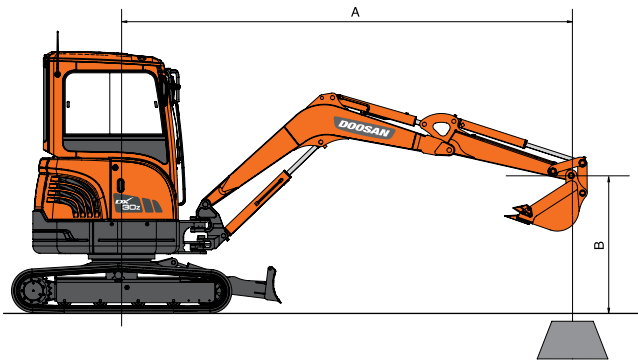
- The load point is a hook located on the back of the bucket.
- \* Rated loads are based on hydraulic capacity.
- Rated loads do not exceed 87% of hydraulic capacity or 75% of tipping capacity.

: Rating Over Front  
 : Rating Over Side or 360 degree



DX30Z

Lifting Capacity



[ Dozer up ]

Metric	Boom : 2,280mm(7'6")		Arm : 1,190mm(3'11")		Bucket : SAE 0.09m³(0.12yd³) CECE 0.078m³(0.10yd³)		Shoe : 300mm(1')		Unit : 1,000kg		
A(m)	2		2.5		3		3.5		Max. Reach		A(m)
B(m)											
3					*0.50	0.50			0.55	0.38	3.50
2.5					*0.55	0.50	0.56	0.38	0.48	0.33	3.81
2	*0.90	*0.90	*0.73	0.66	*0.65	0.49	0.55	0.38	0.44	0.30	4.01
1.5			0.95	0.63	0.70	0.48	0.55	0.37	0.42	0.28	4.12
1			0.92	0.61	0.69	0.47	0.54	0.37	0.41	0.27	4.16
0.5			0.90	0.60	0.68	0.46	0.53	0.36	0.41	0.28	4.12
O (Ground)	*1.27	0.83	0.90	0.59	0.67	0.45	0.53	0.36	0.43	0.29	4.00
-0.5	1.31	0.83	0.90	0.59	0.67	0.45	0.53	0.35	0.47	0.31	3.80
-1	1.32	0.84	0.90	0.59	0.67	0.45			0.54	0.36	3.49
-1.5	1.34	0.86	0.91	0.60	0.68	0.46			0.67	0.45	3.02

Feet	6		8		10		12		Max. Reach		Unit : 1,000lb
A(ft)											A(ft)
B(ft)											
10					*1.12	1.07			1.24	0.85	11.4
8					*1.23	1.06	1.14	0.78	1.05	0.71	12.7
6			*1.83	1.49	*1.51	1.04	1.13	0.77	0.95	0.64	13.4
4			2.14	1.42	1.49	1.01	1.12	0.76	0.91	0.61	13.7
2			2.08	1.37	1.47	0.98	1.10	0.74	0.91	0.61	13.7
O (Ground)	*2.10	*2.10	2.06	1.35	1.45	0.97	1.09	0.73	0.95	0.64	13.1
-2	3.43	2.14	2.06	1.35	1.44	0.96	1.09	0.73	1.06	0.71	12.3
-4	3.47	2.17	2.08	1.37	1.45	0.97			1.29	0.87	10.10

[ Dozer Down ]

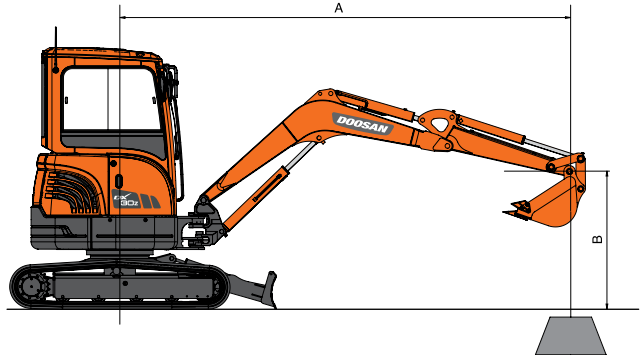
Metric	Boom : 2,280mm(7'6")		Arm : 1,190mm(3'11")		Bucket : SAE 0.09m³(0.12yd³) CECE 0.078m³(0.10yd³)		Shoe : 300mm(1')		Unit : 1,000kg		
A(m)	2		2.5		3		3.5		Max. Reach		A(m)
B(m)											
3					*0.50	0.50			*0.57	0.38	3.50
2.5					*0.55	0.49	*0.56	0.38	*0.59	0.33	3.81
2	*0.90	*0.90	*0.73	0.65	*0.65	0.49	*0.61	0.38	*0.61	0.30	4.01
1.5			*0.98	0.63	*0.78	0.48	*0.68	0.37	*0.63	0.28	4.12
1			*1.22	0.61	*0.92	0.46	*0.76	0.36	*0.66	0.27	4.16
0.5			*1.38	0.59	*1.02	0.45	*0.83	0.36	*0.69	0.28	4.12
O (Ground)	*1.27	0.83	*1.45	0.59	*1.09	0.45	*0.87	0.36	*0.72	0.29	4.00
-0.5	*2.00	0.83	*1.44	0.59	*1.10	0.45	*0.87	0.35	*0.76	0.31	3.80
-1	*1.88	0.84	*1.37	0.59	*1.05	0.45	*0.81		*0.81	0.36	3.49
-1.5	*1.63	0.85	*1.20	0.60	*0.88	0.46			*0.87	0.45	3.02

Feet	6		8		10		12		Max. Reach		Unit : 1,000lb
A(ft)											A(ft)
B(ft)											
10					*1.12	1.07			*1.25	0.85	11.4
8					*1.23	1.06	*1.27	0.77	*1.30	0.71	12.7
6			*1.83	1.48	*1.51	1.04	*1.37	0.77	*1.35	0.64	13.4
4			*2.58	1.42	*1.86	1.01	*1.54	0.75	*1.42	0.61	13.7
2			*3.12	1.37	*2.16	0.98	*1.70	0.74	*1.50	0.60	13.7
O (Ground)	*2.10	*2.10	*3.32	1.35	*2.34	0.97	*1.80	0.73	*1.59	0.63	13.1
-2	*4.05	2.13	*3.28	1.35	*2.35	0.96	*1.77	0.73	*1.70	0.71	12.3
-4	*4.46	2.16	*2.99	1.36	*2.14	0.97			*1.83	0.86	10.10











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











: Rating Over Front

: Rating Over Side or 360 degree























[ Dozer up - Option Arm & Additional Weight ]

Metric	Boom : 2,280mm(7'6")		Arm : 1,300mm(4'3")		Bucket : SAE 0.09m³(0.12yd³) CECE 0.078m³(0.10yd³)		Shoe : 300mm(1')		Unit : 1,000kg		
A(m)	2		2.5		3		3.5		Max. Reach		
B(m)											A(m)
3					*0.46	*0.46	*0.52	0.41	*0.54	0.39	3.63
2.5					*0.51	*0.51	*0.53	0.42	*0.56	0.34	3.92
2			*0.66	*0.66	*0.61	0.53	*0.58	0.41	*0.58	0.31	4.11
1.5			*0.92	0.69	*0.74	0.52	*0.65	0.41	*0.60	0.29	4.22
1			*1.17	0.66	*0.88	0.51	*0.74	0.40	*0.63	0.29	4.26
0.5			*1.34	0.65	*1.00	0.50	*0.81	0.39	*0.66	0.29	4.22
O (Ground)	*1.29	0.90	*1.43	0.64	*1.07	0.49	*0.86	0.39	*0.69	0.30	4.11
-0.5	*1.90	0.90	*1.44	0.64	*1.09	0.49	*0.87	0.39	*0.73	0.33	3.91
-1	*1.92	0.91	*1.39	0.64	*1.06	0.49	*0.83	0.39	*0.78	0.37	3.61
-1.5	*1.70	0.92	*1.24	0.65	*0.93	0.49			*0.83	0.45	3.18

Feet											Unit : 1,000lb	
A(ft)	6		8		10		12		Max. Reach			
B(ft)											A(ft)	
10					*1.02	*1.02			*1.19	0.87	11.9	
8					*1.14	1.14	*1.19	0.85	*1.24	0.74	12.11	
6			*1.68	1.61	*1.42	1.13	*1.31	0.84	*1.29	0.67	13.8	
4			*2.44	1.54	*1.78	1.10	*1.49	0.83	*1.36	0.64	13.11	
2			*3.03	1.49	*2.10	1.07	*1.66	0.81	*1.44	0.64	13.11	
O (Ground)	*2.15	*2.15	*3.29	1.46	*2.31	1.05	*1.78	0.80	*1.53	0.67	13.6	
-2	*3.82	2.30	*3.29	1.46	*2.35	1.05	*1.79	0.80	*1.63	0.74	12.8	
-4	*4.62	2.33	*3.06	1.47	*2.20	1.05			*1.76	0.88	11.3	

[ Dozer down - Option Arm & Additional Weight ]

Metric	Boom : 2,280mm(7'6")		Arm : 1,300mm(4'3")		Bucket : SAE 0.09m³(0.12yd³) CECE 0.078m³(0.10yd³)		Shoe : 300mm(1')		Unit : 1,000kg		
A(m)	2		2.5		3		3.5		Max. Reach		
B(m)											A(m)
3					*0.46	*0.46	*0.52	0.41	*0.54	0.39	3.63
2.5					*0.51	*0.51	*0.53	0.42	*0.56	0.34	3.92
2			*0.66	*0.66	*0.61	0.53	*0.58	0.41	*0.58	0.31	4.11
1.5			*0.92	0.69	*0.74	0.52	*0.65	0.41	*0.60	0.29	4.22
1			*1.17	0.66	*0.88	0.51	*0.74	0.40	*0.63	0.29	4.26
0.5			*1.34	0.65	*1.00	0.50	*0.81	0.39	*0.66	0.29	4.22
O (Ground)	*1.29	0.90	*1.43	0.64	*1.07	0.49	*0.86	0.39	*0.69	0.30	4.11
-0.5	*1.90	0.90	*1.44	0.64	*1.09	0.49	*0.87	0.39	*0.73	0.33	3.91
-1	*1.92	0.91	*1.39	0.64	*1.06	0.49	*0.83	0.39	*0.78	0.37	3.61
-1.5	*1.70	0.92	*1.24	0.65	*0.93	0.49			*0.83	0.45	3.18

Feet											Unit : 1,000lb	
A(ft)	6		8		10		12		Max. Reach			
B(ft)											A(ft)	
10					*1.02	*1.02			*1.19	0.87	11.9	
8					*1.14	1.14	*1.19	0.85	*1.24	0.74	12.11	
6			*1.68	1.61	*1.42	1.13	*1.31	0.84	*1.29	0.67	13.8	
4			*2.44	1.54	*1.78	1.10	*1.49	0.83	*1.36	0.64	13.11	
2			*3.03	1.49	*2.10	1.07	*1.66	0.81	*1.44	0.64	13.11	
O (Ground)	*2.15	*2.15	*3.29	1.46	*2.31	1.05	*1.78	0.80	*1.53	0.67	13.6	
-2	*3.82	2.30	*3.29	1.46	*2.35	1.05	*1.79	0.80	*1.63	0.74	12.8	
-4	*4.62	2.33	*3.06	1.47	*2.20	1.05			*1.76	0.88	11.3	

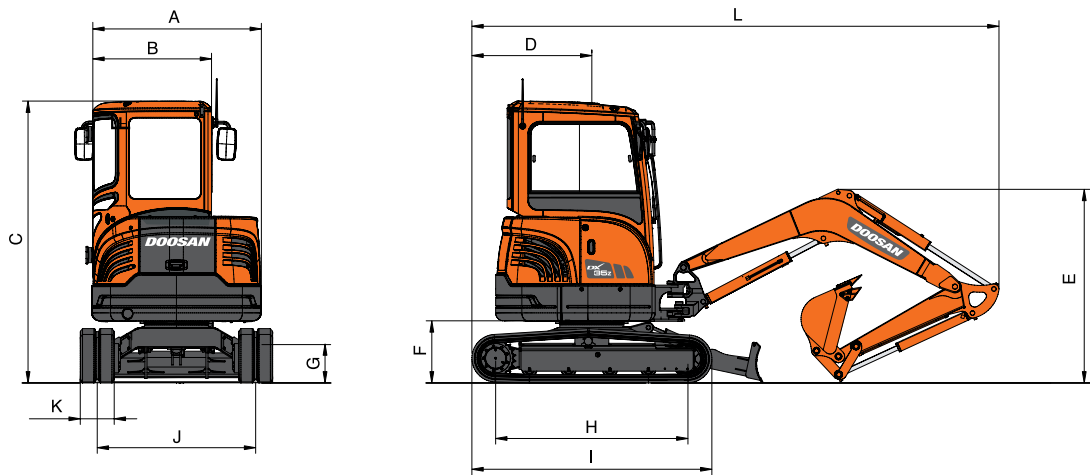
1. The load point is a hook located on the back of the bucket.
2. \* Rated loads are based on hydraulic capacity.
3. Rated loads do not exceed 87% of hydraulic capacity or 75% of tipping capacity.

: Rating Over Front

: Rating Over Side or 360 degree

# DIMENSIONS & WORKING RANGES

## \* DIMENSIONS

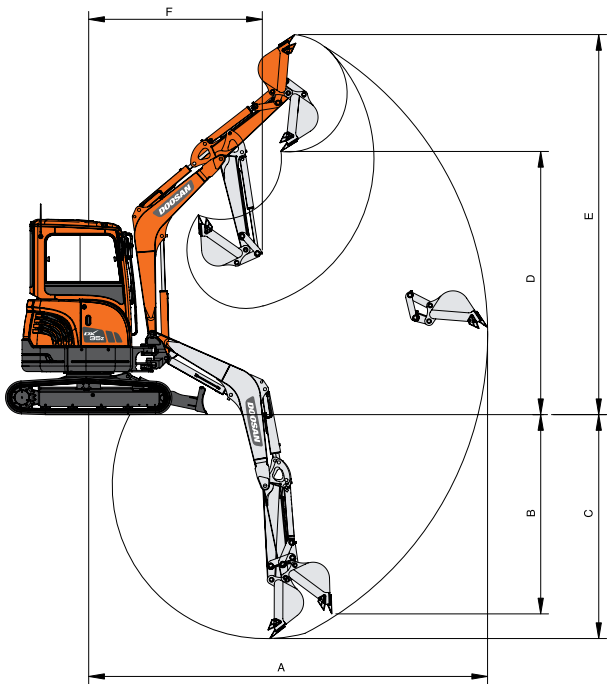


Boom type	2,405mm(7'11")
Arm type	1,200mm(3'11")
A Overall width of upper structure	1,500mm(4'11")
B Overall width of cab	1,030mm(3'5")
C Overall height of cab	2,515mm(8'3")
D Tail swing radius	1,060mm(3'6")
E Overall height	1,720mm(5'8")
F Clearance under counterweight	576mm(1'11")
G Ground Clearance	310mm(1')
H Tumbler distance	1,700mm(5'7")
I Track length	2,123mm(7')
J Track gauge	1,400mm(4'7")
K Track shoe width	300mm(1')
L Overall length	4,645mm(15'3")

## \* DIGGING FORCE (ISO)

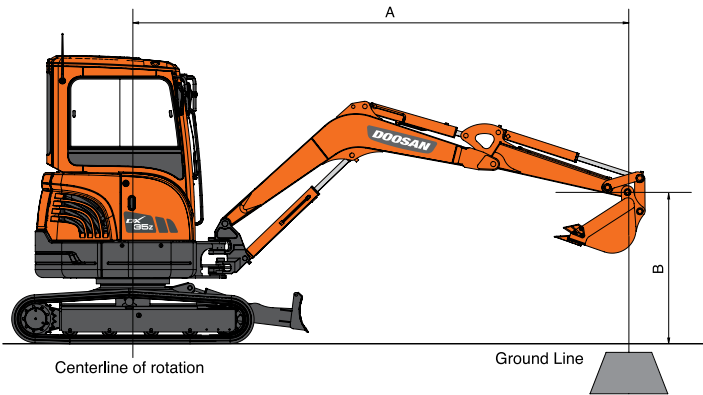
Bucket (PCSA)	0.11m³	
Digging force	3,010 kgf	
	29.5 kN	
	6,636 lbf	
Arm	1,200mm	1,330mm
	2,140 kgf	1,960 kgf
Digging force	20.99 kN	19.22 kN
	4,718 lbf	4,321 lbf

## \* WORKING RANGE



Boom type	2,405mm(7'11")	
Arm type	1,200mm (3'11")	1,330mm (4'4")
Bucket type (SAE)	0.11m³ (0.14yd³)	0.11m³ (0.14yd³)
A Max. Digging Reach	5,090mm (16'8")	5,200mm (17'1")
B Max. Vertical Wall Depth	2,560mm (8'5")	2,630mm (8'8")
C Max. Digging Depth	3,025mm (9'11")	3,155mm (10'4")
D Max. Loading Height	3,350mm (11')	3,410mm (11'2")
E Max. Digging Height	4,840mm (15'11")	4,880mm (16')
F Min. Swing Radius	2,210mm (7'3")	2,060mm (6'9")

# LIFTING CAPACITY



[ Dozer up ]

Metric	Boom : 2,405mm(7'11")		Arm : 1,200mm(3'11")		Bucket : SAE 0.11m³(0.14yd³) CECE 0.094m³(0.12yd³)		Shoe : 300mm(1')		Unit : 1,000kg
A(m)	2		3		4		Max. Reach		
B(m)									A(m)
4							*0.77	*0.77	2.76
3			*0.67	*0.67			0.48	0.47	3.76
2			0.70	0.69	0.43	0.42	0.39	0.38	4.21
1			0.67	0.65	0.42	0.41	0.36	0.36	4.34
O (Ground)	1.23	1.18	0.64	0.63	0.41	0.40	0.38	0.38	4.18
-1	1.25	1.20	0.64	0.63			0.47	0.46	3.68
-2	1.30	1.25					*0.84	0.83	2.59

Feet

A(ft)	6		8		10		12		14		Max. Reach		
B(ft)													A(ft)
12					1.54	1.51					1.41	1.38	10'6"
10					*1.48	*1.48	1.12	1.10			1.08	1.06	12'3"
8					1.54	1.51	1.12	1.10			0.92	0.91	13'4"
6			2.16	2.10	1.50	1.47	1.11	1.09			0.84	0.83	13'12"
4			2.04	1.99	1.45	1.42	1.08	1.06	0.83	0.82	0.81	0.79	14'3"
2			1.97	1.92	1.41	1.37	1.06	1.04	0.82	0.81	0.81	0.79	14'2"
O (Ground)			1.95	1.90	1.38	1.35	1.04	1.02			0.84	0.83	13'9"
-2	3.20	3.07	1.95	1.90	1.38	1.35	1.04	1.02			0.94	0.92	12'11"
-4	3.25	3.12	1.98	1.92	1.39	1.36					1.13	1.10	11'6"
-6	3.32	3.19	2.03	1.97							1.59	1.56	9'4"

Metric	Boom : 2,405mm(7'11")		Arm : 1,330mm(4'4")		Bucket : SAE 0.11m³(0.14yd³) CECE 0.094m³(0.12yd³)		Shoe : 300mm(1')		Unit : 1,000kg
A(m)	2		3		4		Max. Reach		
B(m)									A(m)
4							*0.71	*0.71	2.95
3							0.46	0.45	3.89
2			0.71	0.69	0.43	0.42	0.37	0.36	4.33
1			0.67	0.65	0.42	0.40	0.35	0.34	4.45
O (Ground)	1.22	1.18	0.64	0.62	0.41	0.40	0.36	0.36	4.30
-1	1.24	1.19	0.64	0.62			0.44	0.43	3.82
-2	1.28	1.24					0.74	0.73	2.80

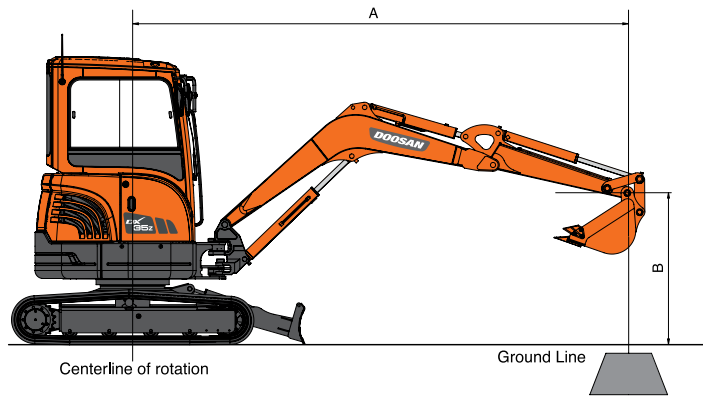
Feet

A(ft)	6		8		10		12		14		Max. Reach		
B(ft)													A(ft)
12					*1.39	*1.39					1.30	1.28	11'0"
10					*1.35	*1.35	1.13	1.11			1.02	1.00	12'8"
8					1.55	1.52	1.13	1.11			0.88	0.86	13'8"
6			2.17	2.11	1.50	1.47	1.11	1.09	0.84	0.83	0.80	0.79	14'4"
4			2.06	2.00	1.45	1.42	1.08	1.06	0.83	0.81	0.77	0.76	14'7"
2			1.97	1.92	1.40	1.37	1.06	1.03	0.82	0.80	0.77	0.75	14'6"
O (Ground)	*2.55	*2.55	1.94	1.89	1.37	1.34	1.04	1.02	0.81	0.80	0.80	0.79	14'1"
-2	3.17	3.05	1.94	1.89	1.37	1.34	1.03	1.01			0.88	0.87	13'3"
-4	3.22	3.09	1.96	1.90	1.38	1.35					1.05	1.03	11'12"
-6	3.29	3.16	2.00	1.95							1.43	1.40	9'12"

- The load point is a hook located on the back of the bucket.
- \* Rated loads are based on hydraulic capacity.
- Rated loads do not exceed 87% of hydraulic capacity or 75% of tipping capacity.

: Rating Over Front  
 : Rating Over Side or 360 degree

# LIFTING CAPACITY



[ Dozer Down ]

Metric									
Boom : 2,405mm(7'11") Arm : 1,200mm(3'11") Bucket : SAE 0.11m³(0.14yd³) CECE 0.094m³ (0.12yd³) Shoe : 300mm(1') Unit : 1,000kg									
A(m)	2		3		4		Max. Reach		
B(m)									A(m)
4									2.76
3			*0.67	*0.67			*0.77	*0.77	3.76
2			*0.88	0.69	*0.75	0.41	*0.74	0.38	4.21
1			*1.18	0.65	*0.84	0.40	*0.78	0.36	4.34
O (Ground)	*1.29	1.18	*1.34	0.63	*0.89	0.39	*0.82	0.38	4.18
-1	*2.17	1.20	*1.26	0.63			*0.87	0.46	3.68
-2	*1.31	1.25					*0.84	0.83	2.59

Feet												
Unit : 1,000lb												
A(ft)	6		8		10		12		14		Max. Reach	
B(ft)												
12					*1.56	1.51					*1.64	1.38
10					*1.48	*1.48	*1.58	1.10			*1.61	1.06
8					*1.67	1.51	*1.59	1.10			*1.62	0.91
6			*2.61	2.10	*2.02	1.47	*1.75	1.09			*1.65	0.83
4			*3.46	1.99	*2.42	1.42	*1.96	1.06	*1.71	0.82	*1.70	0.79
2			*3.97	1.92	*2.74	1.37	*2.13	1.04	*1.78	0.81	*1.75	0.79
O (Ground)			*4.08	1.90	*2.89	1.35	*2.22	1.02			*1.81	0.83
-2	*4.42	3.07	*3.93	1.90	*2.85	1.35	*2.16	1.02			*1.88	0.92
-4	*5.07	3.12	*3.51	1.92	*2.56	1.36					*1.93	1.10
-6	*3.77	3.19	*2.62	1.97							*1.91	1.56

Metric									
Boom : 2,405mm(7'11") Arm : 1,330mm(4'4") Bucket : SAE 0.11m³(0.14yd³) CECE 0.094m³ (0.12yd³) Shoe : 300mm(1') Unit : 1,000kg									
A(m)	2		3		4		Max. Reach		
B(m)									A(m)
4							*0.71	*0.71	2.95
3							*0.69	0.45	3.89
2			*0.82	0.69	*0.71	0.42	*0.71	0.36	4.33
1			*1.14	0.65	*0.81	0.40	*0.74	0.34	4.45
O (Ground)	*1.46	1.18	*1.33	0.62	*0.88	0.40	*0.79	0.36	4.30
-1	*2.26	1.19	*1.28	0.62			*0.85	0.43	3.82
-2	*1.49	1.24					*0.86	0.73	2.80

Feet												
Unit : 1,000lb												
A(ft)	6		8		10		12		14		Max. Reach	
B(ft)												
12					*1.39	*1.39					*1.52	1.28
10					*1.35	*1.35	*1.45	1.11			*1.51	1.00
8					*1.55	1.52	*1.50	1.11			*1.53	0.86
6			*2.40	2.11	*1.99	1.47	*1.67	1.09	*1.57	0.83	*1.57	0.79
4			*3.28	2.00	*2.32	1.42	*1.89	1.06	*1.66	0.81	*1.62	0.76
2			*3.87	1.92	*2.67	1.37	*2.08	1.03	*1.75	0.80	*1.68	0.75
O (Ground)	*2.55	*2.55	*4.07	1.89	*2.86	1.34	*2.20	1.02	1.76	0.80	*1.74	0.79
-2	*4.37	3.05	*3.98	1.89	*2.87	1.34	*2.18	1.01			*1.82	0.87
-4	*5.34	3.09	*3.63	1.90	*2.64	1.35					*1.89	1.03
-6	*4.16	3.16	*2.87	1.95							*1.92	1.40

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

: Rating Over Front

: Rating Over Side or 360 degree

# STANDARD AND OPTIONAL EQUIPMENT

## \* STANDARD EQUIPMENT

### • Cabin & Interior

- All weather sound suppressed type cab
- Adjustable suspension seat
- Pull-up type front window and removable lower front window
- Room light
- Cigarette lighter
- Cup holder
- Heater and defroster
- Fresh air filter
- Storage box

### • Others

- Double element air cleaner
- Water separator
- Alternator (12V, 40 amps)
- Electric horn
- Halogen working lights (Boom mounted 1)
- Piping for hammer (One way) and for rotation (Two way)
- Rubber shoe
- Maintenance free battery

### • Safety

- ROPS & TOPS Cabin
- Hydraulic safety lock lever
- Safety glass
- Hammer for emergency escape

## \* OPTIONAL EQUIPMENT

### • Safety

- ROPS & TOPS Canopy (4-Pillar)
- Rotating beacon
- Accumulator(Pilot pressure control)
- Travel alarm
- Side mirror

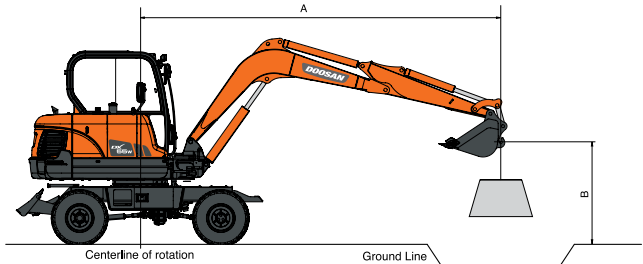
### • Others

- Track guards(Front)
- Halogen working light
  - Boom mounted 2
  - Cabin mounted 2
- Piping for quick clamp
- Lever pattern changing valve
- Air-conditioner



# DX55W

## Lifting Capacity

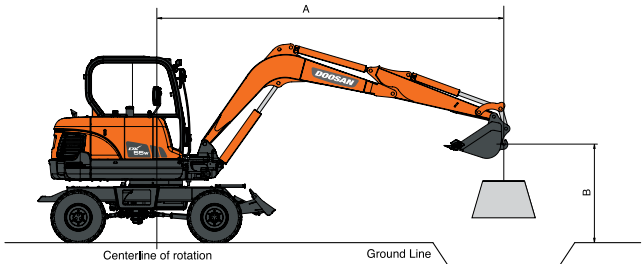


- A : Load radius from centerline of rotation  
B : Load point height  
🔧 : Rated lift capacity-over side  
(Free on Wheel/Dozer Up)  
🔧📏 : Rated lift ccapacity-over front  
(Free on Wheel/Dozer Up)

### Dozer up, Front with 1,600mm(5'3") Arm

Metric												Unit : 1,000kg	
A(m)	2		3		4		5		Max. Reach		A(m)		
B(m)	🔧	🔧📏	🔧	🔧📏	🔧	🔧📏	🔧	🔧📏	🔧	🔧📏			
4					*0.98	*0.98			*0.87	0.82	4-54		
3					*1.14	0.99	*0.96	0.68	*0.89	0.68	5.03		
2	*2.33	*2.33	*1.90	1.47	*1.44	0.95	1.19	0.67	*0.96	0.62	5.25		
1	*1.19	*1.19	*2.61	1.38	1.65	0.91	1.17	0.65	1.08	0.60	5.25		
O (Ground)	*2.14	*2.14	2.59	1.34	1.62	0.88	1.15	0.64	1.15	0.64	5.01		
-1	*3.38	2.60	2.58	1.34	1.61	0.88			1.34	0.74	4.51		
-2	*4.20	2.65	*2.52	1.36					1.93	1.05	3.60		

Feet								Unit : 1,000lb	
A(ft)	10		15		Max. Reach		A(ft)		
B(ft)	🔧	🔧📏	🔧	🔧📏	🔧	🔧📏			
15					*1.96	*1.96	13.44		
10			*2.50	1.76	*1.96	1.50	16.44		
5	*4.90	3.07	2.98	1.67	2.24	1.33	17.31		
O (Ground)	5.55	2.90	2.91	1.60	2.53	1.40	16.45		
-5	5.56	2.90			3.44	1.88	13.45		



- A : Load radius from centerline of rotation  
B : Load point height  
🔧 : Rated lift capacity-over side  
(Free on Wheel/Dozer Up)  
🔧📏 : Rated lift ccapacity-over front  
(Free on Wheel/Dozer Up)

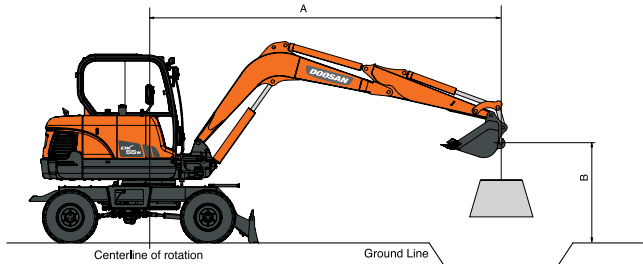
### Dozer up, Rear with 1,600mm(5'3") Arm

Metric												Unit : 1,000kg	
A(m)	2		3		4		5		Max. Reach		A(m)		
B(m)	🔧	🔧📏	🔧	🔧📏	🔧	🔧📏	🔧	🔧📏	🔧	🔧📏			
4					*0.98	*0.98			*0.87	0.82	4-54		
3					*1.14	0.99	0.79	0.68	0.78	0.68	5.03		
2	*2.33	*2.33	1.71	1.47	1.10	0.95	0.77	0.67	0.71	0.62	5.25		
1	*1.19	*1.19	1.62	1.38	1.06	0.91	0.65	0.65	0.70	0.60	5.25		
O (Ground)	*2.14	*2.14	1.58	1.34	1.03	0.88	0.64	0.64	0.74	0.64	5.01		
-1	3.17	2.60	1.58	1.34	1.02	0.88			0.86	0.74	4.51		
-2	3.22	2.65	1.60	1.36					1.22	1.05	3.60		

Feet								Unit : 1,000lb	
A(ft)	10		15		Max. Reach		A(ft)		
B(ft)	🔧	🔧📏	🔧	🔧📏	🔧	🔧📏			
15					*1.96	*1.96	13.44		
10			2.02	1.75	1.73	1.50	16.44		
5	3.58	3.07	1.94	1.67	1.55	1.33	17.31		
O (Ground)	3.40	2.90	1.87	1.60	1.63	1.40	16.45		
-5	3.41	2.90			2.19	1.88	13.45		

1. The weight of bucket is 142kg  
2. Load piont is the hook on the back of the bucket

3. \*Rated loads are based on hydraulic capacity  
4. Rated loads do not exceed 87% of HYD. Capacity or 75% of tipping capacity.

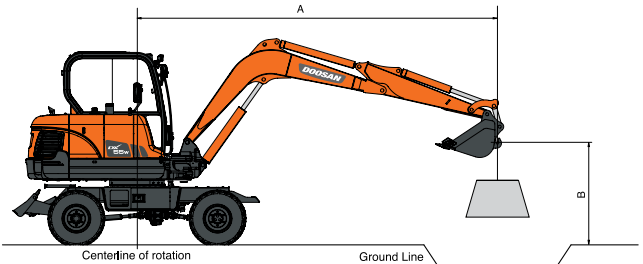


- A : Load radius from centerline of rotation  
B : Load point height  
🔧 : Rated lift capacity-over side  
(Free on Wheel/Dozer Up)  
🔧📏 : Rated lift ccapacity-over front  
(Free on Wheel/Dozer Up)

### Dozer down, Rear with 1,600mm(5'3") Arm

Metric												Unit : 1,000kg	
A(m)	2		3		4		5		Max. Reach		A(m)		
B(m)	🔧	🔧📏	🔧	🔧📏	🔧	🔧📏	🔧	🔧📏	🔧	🔧📏			
4					*0.98	*0.98			*0.87	*0.87	4-54		
3					*1.14	*1.14	*0.96	0.87	*0.89	0.87	5.03		
2	*2.33	*2.33	*1.90	*1.90	*1.44	1.22	*1.27	0.86	*0.96	0.79	5.25		
1	*1.19	*1.19	*2.61	1.82	*1.76	1.17	*1.42	0.84	*1.10	0.78	5.25		
O (Ground)	*2.14	*2.14	*2.95	1.77	*1.97	1.15	*1.42	0.83	*1.35	0.82	5.01		
-1	*3.38	*3.38	*2.93	1.77	*1.99	1.14			*1.67	0.96	4.51		
-2	*4.20	3.69	*2.52	1.80					*1.94	1.36	3.60		

Feet								Unit : 1,000lb	
A(ft)	10		15		Max. Reach		A(ft)		
B(ft)	🔧	🔧📏	🔧	🔧📏	🔧	🔧📏			
15					*1.96	*1.96	13.44		
10			*2.50	2.24	*1.96	1.92	16.44		
5	*4.90	4.00	*3.14	2.15	*2.24	1.72	17.31		
O (Ground)	*6.34	3.82	*3.69	2.08	*2.99	1.82	16.45		
-5	*6.01	3.82			*3.96	2.45	13.45		



- A : Load radius from centerline of rotation  
B : Load point height  
🔧 : Rated lift capacity-over side  
(Free on Wheel/Dozer Up)  
🔧📏 : Rated lift ccapacity-over front  
(Free on Wheel/Dozer Up)

### Dozer up, Front with 1,900mm(6'3") Arm

Metric												Unit : 1,000kg	
A(m)	2		3		4		5		Max. Reach		A(m)		
B(m)	🔧	🔧📏	🔧	🔧📏	🔧	🔧📏	🔧	🔧📏	🔧	🔧📏			
5									*0.79	*0.79	4.10		
4									*0.75	0.72	4.89		
3					*0.98	*0.98	*1.04	0.68	*0.76	0.61	5.35		
2	*2.92	2.87	*1.63	1.49	*1.30	0.95	*1.17	0.67	*0.80	0.56	5.55		
1	*1.46	*1.46	*2.41	1.39	1.65	0.91	1.16	0.64	*0.90	0.54	5.55		
O (Ground)	*1.99	*1.99	2.58	1.34	1.61	0.88	1.14	0.63	1.04	0.57	5.33		
-1	*2.97	2.57	2.57	1.32	1.60	0.86			1.19	0.65	4.87		
-2	*4.43	2.61	2.58	1.34	1.61	0.88			1.58	0.86	4.05		
-3	*2.92	2.70							*2.24	1.92	2.45		

Feet								Unit : 1,000lb	
A(ft)	10		15		Max. Reach		A(ft)		
B(ft)	🔧	🔧📏	🔧	🔧📏	🔧	🔧📏			
15					*1.68	*1.68	14.74		
10			*2.22	1.76	*1.66	1.35	17.49		
5	*4.38	3.09	*2.92	1.67	*1.86	1.20	18.30		
O (Ground)	5.54	2.88	2.89	1.58	2.29	1.26	17.50		
-5	5.51	2.86			2.95	1.62	14.76		
-10					*5.07	4.66	7.59		

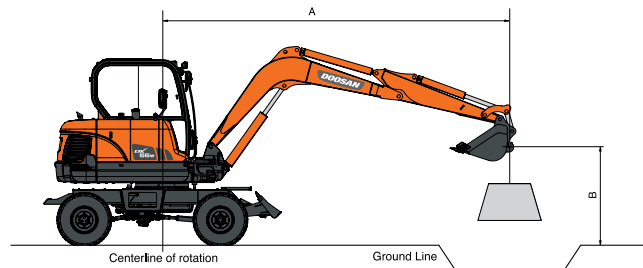
1. The weight of bucket is 142kg  
2. Load piont is the hook on the back of the bucket



3. \*Rated loads are based on hydraulic capacity  
4. Rated loads do not exceed 87% of HYD. Capacity or 75% of tipping capacity.



# DX55W

## Lifting Capacity













- A** : Load radius from centerline of rotation  
**B** : Load point height  
 : Rated lift capacity-over side  
 (Free on Wheel/Dozer Up)  
 : Rated lift ccapacity-over front  
 (Free on Wheel/Dozer Up)

### Dozer up, Rear with 1,900mm(6'3") Arm







#### Metric

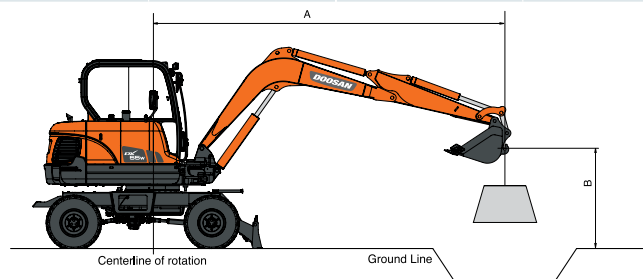
Unit : 1,000kg



A(m)	2		3		4		5		Max. Reach		A(m)
B(m)											
5									*0.79	*0.79	4.10
4									*0.75	0.72	4.89
3					*0.98	*0.98	0.79	0.68	0.70	0.61	5.35
2	*2.92	2.87	*1.63	1.49	1.10	0.95	0.77	0.67	0.65	0.56	5.55
1	*1.46	*1.46	1.63	1.39	1.05	0.91	0.75	0.64	0.63	0.54	5.55
O (Ground)	*1.99	*1.99	1.58	1.34	1.02	0.88	0.73	0.63	0.67	0.57	5.33
-1	*2.97	2.57	1.56	1.32	1.01	0.86			0.76	0.65	4.87
-2	3.14	2.61	1.58	1.34	1.02	0.88			1.00	0.86	4.05
-3	*2.97	2.70							*2.24	1.92	2.45

#### Feet

Unit : 1,000lb

A(ft)	10		15		Max. Reach		A(ft)
B(ft)							
15					*1.68	*1.68	14.74
10				2.03	1.56	1.35	17.49
5	3.61	3.09	2.03	1.67	1.40	1.20	18.30
O (Ground)	3.39	2.88	1.85	1.58	1.47	1.26	17.50
-5	3.37	2.86			1.89	1.62	14.76
-10					*5.07	4.66	7.59













- A** : Load radius from centerline of rotation  
**B** : Load point height  
 : Rated lift capacity-over side  
 (Free on Wheel/Dozer Up)  
 : Rated lift ccapacity-over front  
 (Free on Wheel/Dozer Up)

### Dozer down, Rear with 1,900mm(6'3") Arm







#### Metric

Unit : 1,000kg

A(m)	2		3		4		5		Max. Reach		A(m)
B(m)											
5									*0.79	*0.79	4.10
4									*0.75	*0.75	4.89
3					*0.98	*0.98	*1.04	0.88	*0.76	*0.76	5.35
2	*2.92	*2.92	*1.63	*1.63	*1.30	1.22	*1.17	0.86	*0.80	0.72	5.55
1	*1.46	*1.46	*2.41	1.83	*1.65	1.17	*1.34	0.83	*0.90	0.71	5.55
O (Ground)	*1.99	*1.99	*2.86	1.77	*1.91	1.14	*1.47	0.82	*1.07	0.74	5.33
-1	*2.97	*2.97	*2.95	1.75	*2.00	1.13			*1.43	0.85	4.87
-2	*4.43	3.64	*2.69	1.77	*1.78	1.14			*1.74	1.12	4.05
-3	*2.92	*2.92							*2.24	*2.24	2.45

#### Feet

Unit : 1,000lb

A(ft)	10		15		Max. Reach		A(ft)
B(ft)							
15					*1.68	*1.68	14.74
10				*2.22	*2.22	*1.66	17.49
5	*4.38	4.03	*2.92	2.14	*1.86	1.56	18.30
O (Ground)	*6.16	3.80	*3.58	2.06	*2.37	1.64	17.50
-5	*6.19	3.78			*3.57	2.10	14.76
-10					*5.07	*5.07	7.59

1. The weight of bucket is 142kg  
 2. Load piont is the hook on the back of the bucket

3. \*Rated loads are based on hydraulic capacity  
 4. Rated loads do not exceed 87% of HYD. Capacity or 75% of tipping capacity.

# DX55W

## Standard & Optional equipment

### STANDARD EQUIPMENT

#### Hydraulic system

- Arm flow regeneration
- Boom holding valves
- Spare ports(valve)

#### Cabin & Interior

- Rubber cab mount
- Air conditioner
- Adjustable suspension seat with head rest and adjustable arm rest
- Pull-up type front window and removable lower front window
- Room light
- Intermittent windshield wiper
- Storage box
- AM/FM radio and cassette player
- Remote radio ON/OFF switch
- 12V spare powers socket
- Serial communication port for laptop PC interface
- Joystick lever with 3 switches
- Aircon filter
- Glass antenna
- Room mirror

#### Safety

- Large handrails
- Seat belt
- Hydraulic safety lock lever
- Safety glass
- Hammer for emergency escape
- Right view mirror
- Left review mirror
- Emergency engine stop
- Accumulator
- Boom hose rupture protection valve

#### Undercarriage

- 12-16.5-12PR single tire
- Heavy duty axle
- Auto ram lock system
- 1,920mm dozer blade

#### Others

- Double element air cleaner
- Fuel pre-filter
- Aluminium radiator
- Engine overheat prevention system
- Engine restart prevention system
- Self-diagnostic system
- Alternator(12V, 60 amps)
- Electric horn
- Halogen working lights(frame mounted 2, boom mounted 2)
- Auto idle
- Fuel filler pump
- 2-way valve

### OPTIONAL EQUIPMENT

Some of there optional equipment may be standard in some markets. Some of these optional equipment cannot be available on some markets. You must check with the local DOOSAN dealer to know about the availability or to release the adaptation following the needs of the applications.

#### Safety

- Overload warning device
- Rotation beacon

#### Cabin & Interior

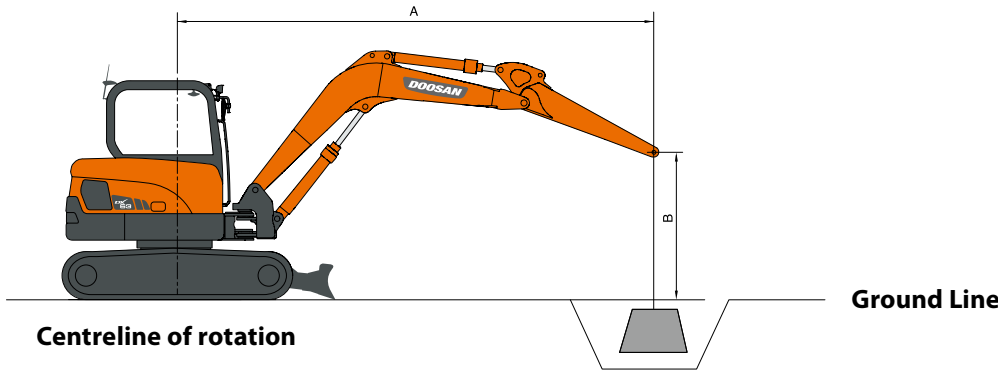
- Seat Heater
- MP3/CD player/Radio
- Additional working lamp
- Sunvisor

#### Others

- Piping for crusher
- Piping for tilting
- Piping for rotating
- 8.25 X 15 X 14PR double tire
- 2,290mm dozer blade

Lifting capacities

Standard and optional equipment



Standard configuration - Dozer up

Standard track width: 1980 mm • Boom: 2900 mm • Arm: 1600 mm • W/O Bucket • Shoe: 400 mm Units: 1000 kg

A (m)	1.0		2.0		3.0		4.0		5.0		Max. lift		A (m)
B (m)													
4.0							1.17	0.98			1.02	0.85	4.32
3.0							1.16	0.96			0.8	0.67	4.95
2.0					1.75	1.42	1.11	0.92	0.78	0.65	0.71	0.59	5.27
1.0					1.62	1.3	1.05	0.87	0.75	0.62	0.68	0.56	5.34
0 (Ground)					1.56	1.24	1.02	0.83	0.74	0.61	0.7	0.58	5.18
-1.0	2.56 *	2.56 *	3.16 *	2.39	1.55	1.24	1	0.82			0.79	0.65	4.77
-2.0	4.07 *	4.07 *	3.3	2.45	1.58	1.26					1.04	0.85	3.98

Standard configuration - Dozer down

Standard track width: 1980 mm • Boom: 2900 mm • Arm: 1600 mm • W/O Bucket • Shoe: 400 mm Units: 1000 kg

A (m)	1.0		2.0		3.0		4.0		5.0		Max. lift		A (m)
B (m)													
4.0							1.34 *	1.29			1.23 *	1.13	4.32
3.0							1.38 *	1.28			1.13 *	0.9	4.95
2.0					2.18 *	1.94	1.65 *	1.23	1.44 *	0.87	1.13 *	0.8	5.27
1.0					2.98 *	1.81	1.96 *	1.18	1.55 *	0.85	1.19 *	0.77	5.34
0 (Ground)					3.27 *	1.74	2.15 *	1.14	1.60 *	0.83	1.35 *	0.79	5.18
-1.0	2.56 *	2.56 *	3.16 *	3.16 *	3.11 *	1.74	2.09 *	1.13			1.56 *	0.89	4.77
-2.0	4.07 *	4.07 *	4.06 *	3.66	2.51 *	1.77					1.57 *	1.17	3.98

Option 1 - Dozer up

Standard track width: 1980 mm • Boom: 2900 mm • Arm: 1900 mm • W/O Bucket • Shoe: 400 mm Units: 1000 kg

A (m)	1.0		2.0		3.0		4.0		5.0		Max. lift		A (m)
B (m)													
5.0											1.26 *	1.17	3.65
4.0							1.14 *	1.03			0.93	0.78	4.69
3.0							1.22	1.02	0.83	0.7	0.75	0.63	5.27
2.0					1.86	1.51	1.17	0.97	0.81	0.68	0.68	0.56	5.56
1.0					1.71	1.38	1.1	0.91	0.79	0.65	0.65	0.54	5.63
0 (Ground)					1.62	1.3	1.06	0.87	0.76	0.63	0.67	0.55	5.49
-1.0	2.16 *	2.16 *	2.80 *	2.45	1.6	1.28	1.04	0.85	0.76	0.63	0.74	0.61	5.10
-2.0	3.39 *	3.39 *	3.38	2.5	1.62	1.29	1.05	0.86			0.93	0.76	4.39
-3.0			2.47 *	2.47 *	1.41 *	1.37					1.33 *	1.33 *	3.05

Option 1 - Dozer down

Standard track width: 1980 mm • Boom: 2900 mm • Arm: 1900 mm • W/O Bucket • Shoe: 400 mm Units: 1000 kg

A (m)	1.0		2.0		3.0		4.0		5.0		Max. lift		A (m)
B (m)													
5.0											1.26 *	1.26 *	3.65
4.0							1.14 *	1.14 *			1.03 *	1.03 *	4.69
3.0							1.22 *	1.22 *	1.26 *	0.93	0.95 *	0.84	5.27
2.0					1.88 *	1.88 *	1.50 *	1.29	1.34 *	0.91	0.95 *	0.76	5.56
1.0					2.76 *	1.89	1.85 *	1.23	1.48 *	0.88	1.00 *	0.73	5.63
0 (Ground)					3.21 *	1.81	2.09 *	1.18	1.58 *	0.86	1.11 *	0.75	5.49
-1.0	2.16 *	2.16 *	2.80 *	2.80 *	3.18 *	1.79	2.12 *	1.16	1.51 *	0.85	1.34 *	0.83	5.10
-2.0	3.39 *	3.39 *	4.66 *	3.74	2.74 *	1.81	1.81 *	1.17			1.48 *	1.04	4.39
-3.0			2.47 *	2.47 *	1.41 *	1.41 *					1.33 *	1.33 *	3.05

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

: Rating over front  
 : Rating over side or 360°

\* Standard equipment

Engine
Yanmar Diesel engine combined with VCU System, direct injection, EU Stage IIIA compliant
Auto-idle
Hydraulic system
Spare ports (valve)
Breaker piping
Cylinder cushioning & contamination seals
Control of auxiliary hydraulic flow and settings from the display panel, 1 & 2 way auxiliary
Cab & Interior
Roll Over Protective Structure (ROPS)
Pressurised, sound-insulated cab
Adjustable seat with adjustable headrest and armrest
Air conditioning
Pull-up type front window and removable lower front window
Sliding right windows with lock
Ceiling light
Intermittent upper windshield wiper
Multiple storage compartments
Flat, spacious, easy-to-clean floor
Cup holder
Anti-theft protection
5.7" (14.5 cm) LCD colour monitor panel
Engine speed (RPM) control dial
Hydrostatic 2-speed travel system with manual or automatic shift
Radio-ready
12 V power socket
Serial communication port for laptop PC interface
Adjustable PPC joystick for arm, boom, bucket and swing, with sliding proportional control for attachments and auxiliary hydraulic buttons
Travel pedals and hand levers
Master key
Safety
Rotating beacon
Safety glass
Hammer for emergency escape
Right and left rearview mirrors
Emergency engine stop switch
Engine overheat and restart prevention system
Parking brake and cab swing lock automatic
Reinforced cast steel pivot points
Battery cut-off switch
Halogen work light (1 on cab top)
Lockable fuel cap
Alarm for travel
Other
Mono boom: 2900 mm – arm: 1600 mm
Counterweight: 830 kg
Fuel filler pump
Double element air cleaner
Engine hood with gas spring
Self-diagnostic function
Battery (12 V, 100 Ah), alternator (12 V, 80 A)
Electric horn
Remote greasing for swing circle and workgroup pivot points
Guards for boom lights
Undercarriage
Fixed undercarriage
Hydraulic track adjuster
Greased and sealed track links
Steel tracks 400 mm
Dozer blade (width: 1980 mm & height: 410 mm)

\* Optional equipment

Cab & Interior
MP3/USB radio with CD player (kit)
Pattern change
Sun Visor
Suspension seat with heat
Hydraulic system
Quick Coupler piping
Clamshell piping
Rotating piping
Dozer lock valve piping
Safety
FOGS cab - top and front cab guards (ISO 10262) (kit)
Front window upper and lower guards
Overload warning device
Rear view camera
Roof guard
Boom and arm cylinder safety valves
Other
Long arm: 1900 mm with counterweight: 934 kg
Undercarriage
Dozer double check valve (kit)
Rubber tracks 400 mm

Some of these options may be standard in some markets. Some of these options may not be available for certain markets. Please check with your local DOOSAN dealer for more information about availability or to adapt your machine to your application needs.



## DX80R

## Dimensions &amp; Working range

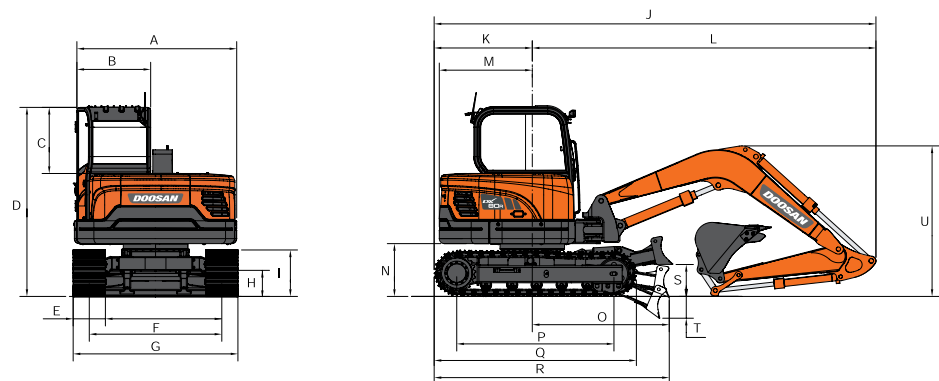
## DX80R

## Lifting Capacity

## DX80R

## Standard &amp; Optional equipment

## DIMENSIONS

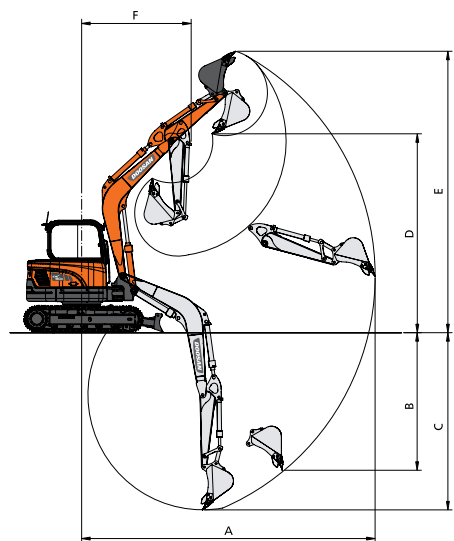


Boom type	3,380mm(11'1")	
Arm type	1,700mm(6'2")	2,250mm(7'5")
A	2,266mm(7'5")	—
B	1,030mm(3'5")	—
C	923mm(3')	—
D	2,638mm(8'8")	—
E	450mm(1'6")	—
F	1,850mm(6'1")	—
G	2,300mm(7'7")	—
H	362mm(1'2")	—
I	648mm(2'2")	—
J	6,167mm(20'3")	6,265mm(20'7")
K	1,370mm(4'6")	—
L	4,797mm(15'9")	4,890mm(16'5")
M	1,298mm(4'3")	—
N	737mm(2'5")	—
O	1,912mm(6'3")	—
P	2,200mm(7'2")	—
Q	2,823mm(9'3")	—
R	3,282mm(10'9")	—
S	446mm(1'6")	—
T	304mm(1')	—
U	2,085mm(6'11")	2,410mm(7'11")

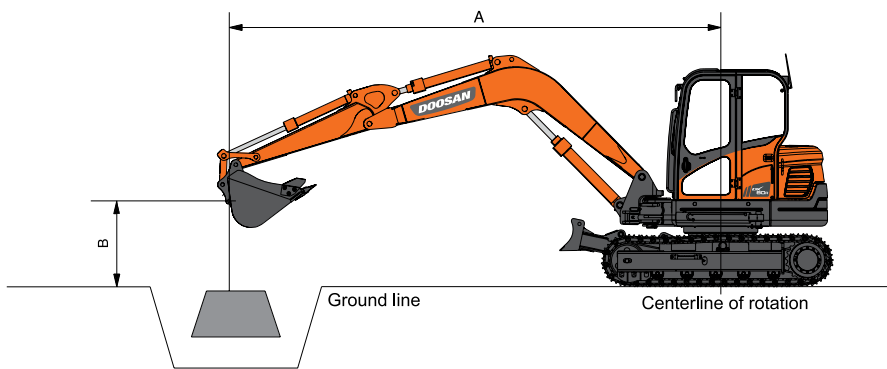
## DIGGING FORCE (ISO)

Bucket (PCSA)	0.20m <sup>3</sup>		0.28m <sup>3</sup>	
	5,600 kgf	5,600 kgf	54.9 kN	54.9 kN
	12,346 lbf	12,346 lbf		
Arm	1,700mm(5'7")		2,250mm(7'5")	
	4,200 kgf	3,500 kgf	41.2 kN	34.4 kN
	9,259 lbf	7,716 lbf		

## WORKING RANGE



Boom type	3,380mm(11'1")	
Arm type	1,700mm(6'2")	2,250mm(7'5")
Bucket type (SAE)	0.28m <sup>3</sup> (0.366yd <sup>3</sup> )	0.20m <sup>3</sup> (0.261yd <sup>3</sup> )
A Max. digging reach	6,915mm(22'8")	7,430mm(24'4")
B Max. vertical wall depth	3,245mm(10'8")	3,760mm(12'4")
C Max. digging depth	4,180mm(13'9")	4,730mm(15'6")
D Max. loading height	4,640mm(15'3")	4,990mm(16'4")
E Max. digging height	6,625mm(21'9")	6,975mm(22'11")
F Min. swing radius	2,500mm(8'2")	2,615mm(8'7")



## [ Dozer up ]

Metric	Boom : 3,380mm (11'1")		Arm : 1,700mm (5'7")		Bucket : 0.28m <sup>3</sup> (0.366 yd <sup>3</sup> )		Shoe : 450mm (1'6")		Unit : 1,000kg	
A(m)	2		3		4		5		Max. Reach	
B(m)										
5					*1.71	*1.71			*1.68	1.51
4					*1.71	*1.71	*1.75	1.23	*1.60	1.13
3					*2.04	1.74	*1.85	1.21	*1.63	0.96
2					*2.55	1.66	*2.07	1.18	*1.73	0.88
1			*3.75	2.59	*2.55	1.66	*2.07	1.18	*1.73	0.88
O (Ground)	*1.95	*1.95	*4.83	2.43	*3.05	1.59	*2.30	1.14	*1.90	0.86
-1	*3.73	*3.73	*4.97	2.37	*3.30	1.54	*2.43	1.11	*1.98	0.89
-2	*5.75	4.89	*4.05	2.39	*3.24	1.53	*2.36	1.10	*2.06	0.98
-3	*3.96	*3.96	*2.63	2.46	*2.81	1.54			*2.13	1.21
									*2.09	1.92

## Feet

A(ft)	10		15		Max.Reach		A(R)
B(ft)							
15				*3.83	3.15	*3.59	2.88
10				*4.19	3.09	*3.58	2.14
5	*9.36	5.38	*5.29	2.93	*3.98	1.91	19.8
O (Ground)	*10.87	5.10	*6.04	2.80	*4.36	1.96	19.1
-5	*9.61	5.10	*5.60	2.77	*4.63	2.37	16.9
-10	*5.47	5.29			*4.57	4.40	11.3

## [ Dozer up ]

Metric	Boom : 3,380mm (11'1")		Arm : 2,250mm (7'5")		Bucket : 0.28m <sup>3</sup> (0.366 yd <sup>3</sup> )		Shoe : 450mm (1'6")		Unit : 1,000kg	
A(m)	2		3		4		5		6	
B(m)										
5							*1.48	1.23		*1.30
4							*1.43	1.24		*1.24
3					*1.62	*1.62	*1.57	1.21	*1.55	0.88
2			*2.88	2.66	*2.16	1.68	*1.83	1.17	*1.65	0.86
1			*4.26	2.46	*2.75	1.59	*2.12	1.13	*1.78	0.84
O (Ground)	*1.85	1.85	*4.93	2.35	*3.15	1.52	*2.33	1.09	*1.86	0.82
-1	*3.04	3.04	*4.94	2.31	*3.26	1.49	*2.39	1.07	*1.81	0.81
-2	*4.51	4.51	*4.49	2.32	*3.05	1.49	*2.19	1.07		
-3	*5.84	4.84	*3.51	2.36	*2.38	1.51				

## Feet

A(ft)	10		15		20		Max.Reach		A(R)
B(ft)									
15				*2.98	*2.98		*2.79	2.31	17.12
10				*3.48	3.11	*3.41	1.89	*2.76	1.80
5	*7.73	5.49	*4.71	2.92	*3.74	1.83	*3.00	1.62	21.5
O (Ground)	*10.58	5.05	*5.77	2.75	*4.03	1.76	*3.58	1.65	20.10
-5	*10.27	4.97	*5.84	2.68			*4.07	1.92	18.10
-10	*7.46	5.08					*4.29	2.93	14.5

- Load point is the end of the arm.
- \*Rated loads are based on hydraulic capacity.
- Rated loads do not exceed 87% of HYD. Capacity or 75% of tipping capacity.

: Rating Over Front

: Rating Over Side or 360 degree

## STANDARD EQUIPMENT

## Hydraulic system

- Arm flow regeneration
- Boom holding valve
- Spare spool

## Cabin &amp; Interior

- Rubber cab mounts
- Air conditioning
- Adjustable suspension seat with head rest and adjustable arm rests
- Pull-up type front window and removable lower front window
- Room light
- Intermittent windshield wiper
- Storage box (including Cup holder)
- Engine speed(RPM) control dial
- AM/FM radio and cassette player (set)
- Remote radio ON/OFF switch
- 12V spare powers socket
- Serial communication port for laptop PC interface
- Joystick lever with 3 switches
- Aircon filter
- Antenna

## Safety

- Large handrails
- Seat belt
- Hydraulic safety lock lever
- Safety glass
- Hammer for emergency escape
- Emergency engine stop
- Accumulator

## Undercarriage

- Hydraulic track adjuster
- Track guards (Steel track)
- 450mm shoe
- 2,300mm dozer blade

## Others

- Double element air cleaner
- Engine overheat prevention system
- Engine restart prevention system
- Self-diagnostic system
- Alternator(12V, 60 amps)
- Electric horn
- Halogen working lights(boom mounted 2)
- Auto idle

## OPTIONAL EQUIPMENT

In some markets optional equipment may not be available and may also be of standard type only. It is advisable to contact the local Doosan dealer for information on availability and specific application requirements.

## Safety

- Boom lock valve
- Arm lock valve
- Dozer lock valve
- Pattern change valve
- Overload warning device
- Travel alarm
- Rotating beacon
- Left review mirror

## Others

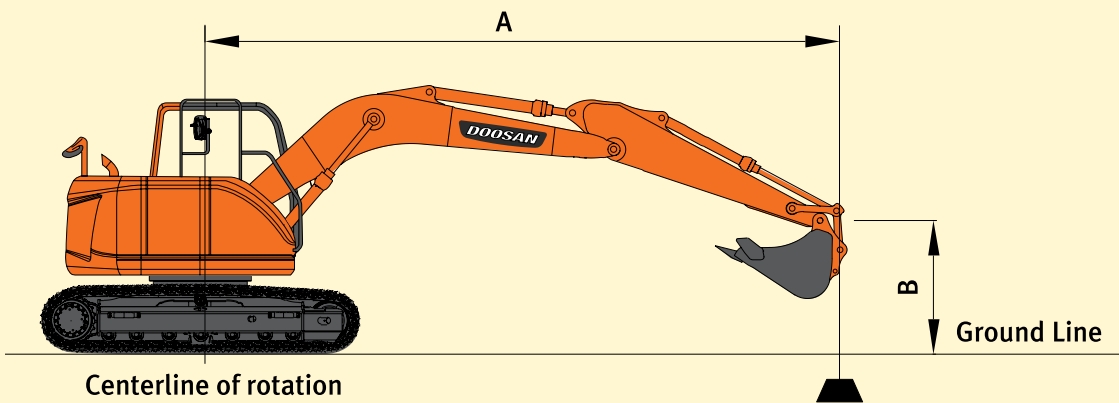
- Piping for tilt
- Piping for quick clamp
- Fuel feed pump
- Rubber track
- Long arm (2,250 mm)
- Narrow bucket (0.20m<sup>3</sup>/PCSA)
- Piping for clamshell

## Cabin &amp; Interior

- Seat Heater
- AM/FM radio and MP3/CD player (each)
- Additional working lamp
- Sunvisor
- Fogs guard
- Roof guard



Lifting Capacity














Standard

Boom : 4,600mm(15’1”) Arm : 2,500mm(8’2”) Bucket : SAE 0.51m³ (CECE 0.45 m³) Shoe : 600mm(24”)








Metric

Unit : 1,000kg

A(m)													Max. Reach			A(m)	
(m)		2		3		4		5		6							A(m)
7						* 2.51	* 2.51							* 1.73	* 1.73	4.37	
6						* 3.11	* 3.11	* 2.47	* 2.47					* 1.49	* 1.49	5.42	
5						* 3.33	* 3.33	* 3.17	2.66	* 1.85	1.82			* 1.39	* 1.39	6.13	
4			* 3.94	* 3.94	* 4.03	3.92	* 3.69	2.61	2.79	1.82				* 1.36	* 1.36	6.61	
3			* 6.38	6.15	* 4.91	3.73	3.82	2.52	2.75	1.78				* 1.39	1.31	6.91	
2			* 8.35	5.62	5.44	3.51	3.7	2.41	2.68	1.73				* 1.47	1.23	7.05	
1			* 7.20	5.24	5.22	3.31	3.58	2.3	2.62	1.67				* 1.59	1.21	7.04	
0			* 7.38	5.09	5.08	3.19	3.49	2.22	2.57	1.62				* 1.80	1.25	6.89	
-1	* 5.38	* 5.38	8.54	5.06	5.02	3.13	3.45	2.18	2.55	1.6				* 2.11	1.35	6.58	
-2	* 7.68	* 7.68	8.59	5.1	5.02	3.13	3.44	2.17	2.56	1.61				2.5	1.57	6.09	
-3	* 10.60	* 10.60	* 7.78	5.2	5.08	3.19	3.49	2.22						3.12	1.99	5.37	
-4			* 5.75	5.39	* 4.15	3.33								* 3.59	2.99	4.29	

Feet

Unit : 1,000ld

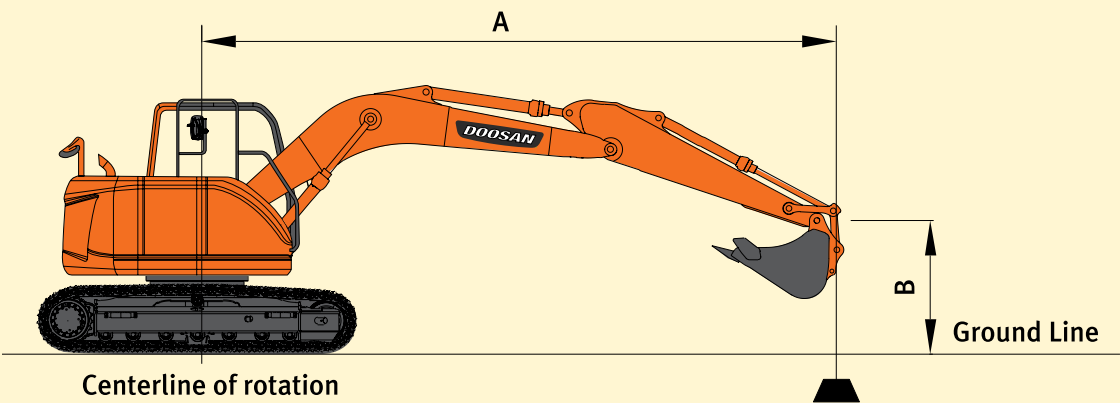
A(ft) (ft)		10			15			20			Max. Reach	A(ft)		
25		* 6.06		* 6.06							* 4.57	* 4.57	11.13	
20					* 6.25		* 6.25				* 3.32	* 3.32	17.50	
15		* 7.29		* 7.29	* 7.75		6.91		* 4.91		3.89	* 3.02	* 3.02	20.86
10		* 13.65		13.23	* 9.69		6.54		5.88		3.81	* 3.06	2.89	22.62
5		19.17		11.62	9.35		6.04		5.69		3.63	* 3.35	2.67	23.18
0		* 16.99		10.92	8.94		5.67		5.52		3.47	* 3.96	2.74	22.62
-5		18.27		10.87	8.8		5.54		5.47		3.43	5.11	3.19	20.84
-10		* 16.75		11.17	8.93		5.66					6.98	4.45	17.47

1. RATINGS ARE BASED ON SAE J1097
2. LOAD POINT IS THE HOOK ON THE BACK OF THE BUCKET.
3. \* RATED LOADS ARE BASED ON HYDRAULIC CAPACITY.
4. RATED LOADS DO NOT EXCEED 87% OF HYD. CAPACITY OR 75% OF TIPPING CAPACITY.

: Rating Over Front

: Rating Over Side or 360 degree

DX140LCR












Opton

Boom : 4,600mm(15’1”) Arm : 3,000mm(9’10”) Bucket : SAE 0.39m³ (CECE 0.34 m³) Shoe : 600mm(24”)

Metric

Unit : 1,000kg

A(m) B(m)	2		3		4		5		6		7		Max. Reach			A(m)	
7																	A(m)
7																	
6																	
5																	
4																	
3																	
2																	
1																	
0																	
-1																	
-2																	
-3																	
-4																	

Feet

Unit : 1,000ld

A(ft) B(ft)	10	15	20	Max. Reach	A(ft)				
25				*3.64	*3.64	14.50			
20		*5.32	FALSE	*3.07	*3.07	19.77			
15		*5.99	FALSE	*5.11	FALSE	*2.94	*2.94	22.76	
10	*8.52	FALSE	*8.12	FALSE	*6.66	6.16	*3.03	*3.03	24.39
5	*16.44	FALSE	*10.76	9.3	*8.52	5.85	*3.32	*3.32	24.90
0	*20.66	16.98	*12.81	8.71	*9.49	5.58	*3.89	*3.89	24.38
-5	*21.32	16.52	*13.60	8.4	*9.81	5.42	*5.01	4.47	22.75
-10	*19.37	16.6	*12.74	8.39			*7.73	5.57	19.72
-15	*14.23	-					*9.49	9.24	14.43

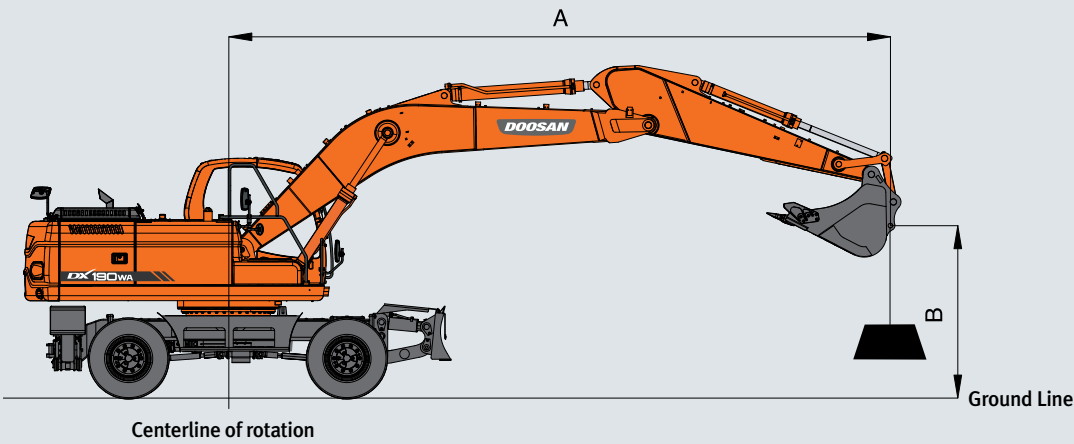
1. RATINGS ARE BASED ON SAE J1097
2. LOAD POINT IS THE HOOK ON THE BACK OF THE BUCKET.
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4. RATED LOADS DO NOT EXCEED 87% OF HYD. CAPACITY OR 75% OF TIPPING CAPACITY.

: Rating Over Front

: Rating Over Side or 360 degree



Lifting Capacity



Standard













Boom : 5.6m(18’04”) One-Piece Boom    Arm : 3.0m (9’10”)    Bucket : Without Bucket    Counterweight : 3,800 kg

Metric															Unit : 1,000kg	
A(m) B(m)	Chassis Frame Attachment	1.5		3		4.5		6		7.5		Max. Reach		A(m)		
7.5	R-Rear Dozer Only Up											*3.31	*3.31	5.34		
	R-Rear Dozer Only Down											*3.31	*3.31			
	F-Dozer + R-Outrigger Down											*3.31	*3.31			
	4-Outrigger Down											*3.31	*3.31			
6	R-Rear Dozer Only Up							*4.75	2.85			*2.95	2.39	6.59		
	R-Rear Dozer Only Down							*4.75	3.5			*2.95	*2.95			
	F-Dozer + R-Outrigger Down							*4.75	*4.75			*2.95	*2.95			
	4-Outrigger Down							*4.75	*4.75			*2.95	*2.95			
4.5	R-Rear Dozer Only Up					*6.36	4.34	4.77	2.76			*2.84	1.95	7.33		
	R-Rear Dozer Only Down					*6.36	5.38	*5.59	3.42			*2.84	2.44			
	F-Dozer + R-Outrigger Down					*6.36	*6.36	*5.59	4.88			*2.84	*2.84			
	4-Outrigger Down					*6.36	*6.36	*5.59	*5.59			*2.84	*2.84			
3	R-Rear Dozer Only Up					7.2	3.97	4.6	2.61	3.25	1.83	*2.89	1.74	7.71		
	R-Rear Dozer Only Down					*7.91	4.99	*6.24	3.26	*4.19	2.3	*2.89	2.19			
	F-Dozer + R-Outrigger Down					*7.91	7.36	*6.24	4.71	*4.19	3.33	*2.89	*2.89			
	4-Outrigger Down					*7.91	*7.91	*6.24	5.73	*4.19	4.04	*2.89	*2.89			
1.5	R-Rear Dozer Only Up					6.81	3.64	4.42	2.45	3.18	1.77	3.01	1.67	7.78		
	R-Rear Dozer Only Down					*9.31	4.64	*6.90	3.09	*5.04	2.23	*3.07	2.11			
	F-Dozer + R-Outrigger Down					*9.31	6.96	*6.90	4.53	*5.04	3.26	*3.07	*3.07			
	4-Outrigger Down					*9.31	8.72	*6.90	5.54	*5.04	3.96	*3.07	*3.07			
0	R-Rear Dozer Only Up			*6.89	6.18	6.6	3.46	4.3	2.35	3.14	1.73	3.11	1.71	7.55		
	R-Rear Dozer Only Down			*6.89	*6.89	*9.91	4.45	*7.26	2.98	*3.96	2.19	*3.45	2.17			
	F-Dozer + R-Outrigger Down			*6.89	*6.89	*9.91	6.75	*7.26	4.41	*3.96	3.22	*3.45	3.19			
	4-Outrigger Down			*6.89	*6.89	*9.91	8.49	*7.26	5.42	*3.96	3.92	*3.45	*3.45			
-1.5	R-Rear Dozer Only Up	*7.10	*7.10	11.52	6.23	6.55	3.42	4.27	2.31			3.46	1.9	6.99		
	R-Rear Dozer Only Down	*7.10	*7.10	11.52	8.34	*9.61	4.41	*7.05	2.95			*4.17	2.42			
	F-Dozer + R-Outrigger Down	*7.10	*7.10	11.52	11.52	*9.61	6.7	*7.05	4.38			*4.17	3.55			
	4-Outrigger Down	*7.10	*7.10	11.52	11.52	*9.61	8.44	*7.05	5.38			*4.17	*4.17			
-3	R-Rear Dozer Only Up	11.94	11.94	11.57	6.4	6.64	3.5					4.37	2.4	5.99		
	R-Rear Dozer Only Down	11.94	11.94	11.57	8.52	*8.27	4.49					*5.63	3.04			
	F-Dozer + R-Outrigger Down	11.94	11.94	11.57	11.57	*8.27	6.79					*5.63	4.48			
	4-Outrigger Down	11.94	11.94	11.57	11.57	*8.27	*8.27					*5.63	5.49			
-4.5	R-Rear Dozer Only Up											*5.19	4.23	4.12		
	R-Rear Dozer Only Down											*5.19	*5.19			
	F-Dozer + R-Outrigger Down											*5.19	*5.19			

1. Ratings are based on SAE J1097
2. Load point is the end of arm.
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

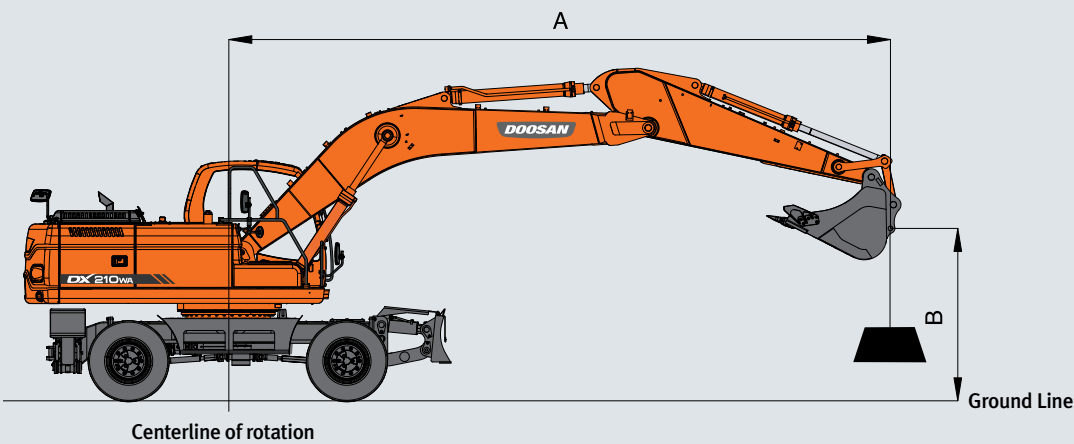
Feet															Unit : 1,000lb
A(ft) B(ft)	Chassis Frame Attachment	5		10		15		20		25		Max. Reach		A(ft)	
															
25	R-Rear Dozer Only Up											*7.41	*7.41	17.05	
	R-Rear Dozer Only Down											*7.41	*7.41		
	F-Dozer + R-Outrigger Down											*7.41	*7.41		
	4-Outrigger Down											*7.41	*7.41		
20	R-Rear Dozer Only Up							*9.82	6.1			*6.53	5.37	21.42	
	R-Rear Dozer Only Down							*9.82	7.51			*6.53	*6.53		
	F-Dozer + R-Outrigger Down							*9.82	*9.82			*6.53	*6.53		
	4-Outrigger Down							*9.82	*9.82			*6.53	*6.53		
15	R-Rear Dozer Only Up					13.77	9.37	10.27	5.95			*6.27	4.34	23.98	
	R-Rear Dozer Only Down					13.77	11.6	12.20	7.36			*6.27	5.41		
	F-Dozer + R-Outrigger Down					13.77	13.77	12.20	10.5			*6.27	*6.27		
	4-Outrigger Down					13.77	13.77	12.20	12.20			*6.27	*6.27		
10	R-Rear Dozer Only Up			26.90	15.25	15.51	8.59	9.91	5.63	6.99	3.93	*6.36	3.85	25.28	
	R-Rear Dozer Only Down			26.90	19.93	17.08	10.78	13.56	7.02	*7.67	4.94	*6.36	4.84		
	F-Dozer + R-Outrigger Down			26.90	26.90	17.08	15.84	13.56	10.14	*7.67	7.17	*6.36	*6.36		
	4-Outrigger Down			26.90	26.90	17.08	17.08	13.56	12.33	*7.67	*7.67	*6.36	*6.36		
5	R-Rear Dozer Only Up					14.66	7.87	9.53	5.29	6.85	3.8	6.64	3.68	25.53	
	R-Rear Dozer Only Down					20.13	10.01	14.96	6.67	*9.50	4.81	*6.77	4.65		
	F-Dozer + R-Outrigger Down					20.13	14.99	14.96	9.76	*9.50	7.03	*6.77	*6.77		
	4-Outrigger Down					20.13	18.74	14.96	11.93	*9.50	8.54	*6.77	*6.77		
0	R-Rear Dozer Only Up			15.78	13.3	14.19	7.47	9.27	5.06			6.85	3.77	24.77	
	R-Rear Dozer Only Down			15.78	15.78	21.47	9.59	15.73	6.43			*7.60	4.79		
	F-Dozer + R-Outrigger Down			15.78	15.78	21.47	14.52	15.73	9.5			*7.60	7.03		
	4-Outrigger Down			15.78	15.78	21.47	18.24	15.73	11.66			*7.60	*7.60		
-5	R-Rear Dozer Only Up	15.86	15.86	26.21	13.4	14.08	7.38	9.2	5			7.66	4.21	22.88	
	R-Rear Dozer Only Down	15.86	15.86	26.21	17.88	20.81	9.49	15.23	6.36			*9.23	5.34		
	F-Dozer + R-Outrigger Down	15.86	15.86	26.21	26.21	20.81	14.42	15.23	9.43			*9.23	7.86		
	4-Outrigger Down	15.86	15.86	26.21	26.21	20.81	18.12	15.23	11.59			*9.23	*9.23		
-10	R-Rear Dozer Only Up	26.84	26.84	25.01	13.77	14.28	7.55					9.72	5.35	19.55	
	R-Rear Dozer Only Down	26.84	26.84	25.01	18.29	17.79	9.68					12.39	6.76		
	F-Dozer + R-Outrigger Down	26.84	26.84	25.01	25.01	17.79	14.62					12.39	9.96		
	4-Outrigger Down	26.84	26.84	25.01	25.01	17.79	17.79					12.39	12.21		

1. Ratings are based on SAE J1097
2. Load point is the end of arm.
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

Lifting Capacity



Standard

Boom : 5.6 m (18'04”) One-Piece Boom    Arm : 3.0 m (9'10”)    Bucket : Without Bucket    Counterweight : 3,800 kg

Metric

Unit : 1,000kg														
A(m) B(m)	Chassis Frame Attachment	2	3	4	5	6	7	8	Max. Reach			A(m)		
8	F-Dozer + R-Outrigger											*5.41	*5.41	5.66
	F-Outrigger + R-Outrigger											*5.41	*5.41	5.66
7	F-Dozer + R-Outrigger							*5.18	*5.18			*5.19	*5.19	6.60
	F-Outrigger + R-Outrigger							*5.18	*5.18			*5.19	*5.19	6.60
6	F-Dozer + R-Outrigger							*5.24	*5.24	*5.18	*5.18	*5.12	*5.12	7.28
	F-Outrigger + R-Outrigger							*5.24	*5.24	*5.18	*5.18	*5.12	*5.12	7.28
5	F-Dozer + R-Outrigger							*5.54	*5.54	*5.28	*5.28	*5.15	4.68	7.76
	F-Outrigger + R-Outrigger							*5.94	*5.94			*5.15	4.72	7.76
4	F-Dozer + R-Outrigger											*5.22	4.36	8.09
	F-Outrigger + R-Outrigger											*5.22	4.40	8.09
3	F-Dozer + R-Outrigger											*5.27	4.17	8.29
	F-Outrigger + R-Outrigger											*5.27	4.21	8.29
2	F-Dozer + R-Outrigger											*5.34	4.09	8.36
	F-Outrigger + R-Outrigger											*5.34	4.13	8.36
1	F-Dozer + R-Outrigger											*5.43	4.09	8.31
	F-Outrigger + R-Outrigger											*5.43	4.13	8.31
0	F-Dozer + R-Outrigger											*5.52	4.20	8.13
	F-Outrigger + R-Outrigger											*5.52	4.24	8.13
-1	F-Dozer + R-Outrigger											*5.60	4.42	7.82
	F-Outrigger + R-Outrigger											*5.60	4.46	7.82
-2	F-Dozer + R-Outrigger											*5.67	4.82	7.36
	F-Outrigger + R-Outrigger											*5.67	4.86	7.36
-3	F-Dozer + R-Outrigger											*5.68	5.51	6.71
	F-Outrigger + R-Outrigger											*5.68	5.56	6.71
-4	F-Dozer + R-Outrigger											*5.54	*5.54	5.82
	F-Outrigger + R-Outrigger											*5.54	*5.54	5.82

Feet

Unit : 1,000lb														
A(ft) B(ft)	Chassis Frame Attachment	10	15	20	25	Max. Reach			A(ft)					
25	F-Dozer + R-Outrigger											*11.68	*11.68	19.87
	F-Outrigger + R-Outrigger											*11.68	*11.68	19.87
20	F-Dozer + R-Outrigger											*11.29	*11.29	23.69
	F-Outrigger + R-Outrigger											*11.29	*11.29	23.69
15	F-Dozer + R-Outrigger											*11.45	9.96	25.99
	F-Outrigger + R-Outrigger											*11.45	10.06	25.99
10	F-Dozer + R-Outrigger Down											*11.62	9.21	27.18
	F-Outrigger + R-Outrigger											*11.62	9.29	27.18
5	F-Dozer + R-Outrigger											*11.87	8.99	27.40
	F-Outrigger + R-Outrigger											*11.87	9.08	27.40
0	F-Dozer + R-Outrigger											*12.16	9.26	26.67
	F-Outrigger + R-Outrigger											*12.16	9.35	26.67
-5	F-Dozer + R-Outrigger											*12.43	10.15	24.92
	F-Outrigger + R-Outrigger											*12.43	10.24	24.92
-10	F-Dozer + R-Outrigger											*12.51	12.24	21.90
	F-Outrigger + R-Outrigger											*12.51	12.35	21.90
-15	F-Dozer + R-Outrigger											*11.69	*11.69	16.90
	F-Outrigger + R-Outrigger											*11.69	*11.69	16.90

1. Ratings are based on SAE J1097  
2. Load point is the end of arm.  
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

Standard and Optional Equipulment

Standard Equipment

- HYDRAULIC SYSTEM
- Boom and arm flow regeneration
  - Boom and arm holding valves
  - Swing anti-rebound valves
  - Spare ports (valve)
  - One-touch power boost

- CABIN & INTERIOR
- Viscous cab mounts
  - All weather sound suppressed type cab
  - Air conditioner
  - Adjustable suspension seat with head rest and adjustable arm rest
  - Pull-up type front window and removable lower front window
  - Room light
  - Intermittent windshield wiper
  - Cigarette lighter and ashtray
  - Cup holder
  - Hot & Cool box
  - LCD color monitor panel
  - Engine speed (RPM) control dial
  - AM/FM radio and cassette player
  - Remote radio ON/OFF switch
  - 12V spare powers socket
  - Serial communication port for laptop PC interface
  - Joystick lever with 3 switches
  - Sunvisor
  - Sun roof
  - wiper

- SAFETY
- Large handrails and step
  - Punched metal anti-slip plates
  - Seat belt
  - Hydraulic safety lock lever
  - Safety glass
  - Hammer for emergency escape
  - Right and left rearview mirrors
  - Reverse travel alarm
  - Emergency engine stop
  - LED stop lamps

- OTHERS
- Double element air cleaner
  - Fuel pre-filter
  - Dust screen for radiator/oil cooler/charged air cooler
  - Engine overheat prevention system
  - Engine restart prevention system
  - Self-diagnostic system
  - Large capacity alternator (24V, 60 amps)
  - Electric horn
  - Halogen working lights (frame mounted 2, boom mounted 2)
  - 3.8ton counter weight

- UNDERCARRIAGE
- 10.0-20-16PR double tires
  - Heavy duty axles
  - Parallel dozer blade & individually controlled outriggers
  - Tool box
  - Front axle oscillation auto lock

Optional Equipment

Some of there optional equipments may be standard in some markets. Some of these optional equipments cannot be available on some markets. You must check with the local DOOSAN dealer to know about the availablility or to release the adaptation following the needs of the applications.

- SAFETY
- Boom and arm hose rupture protection valve
  - Overload warning device
  - Cabin Top/Front guard (ISO 10262, FOGS standard)
  - Travel & swing alarm
  - Rotation beacon
  - Mirror & Lamp on counter weight
  - Rear View Camera

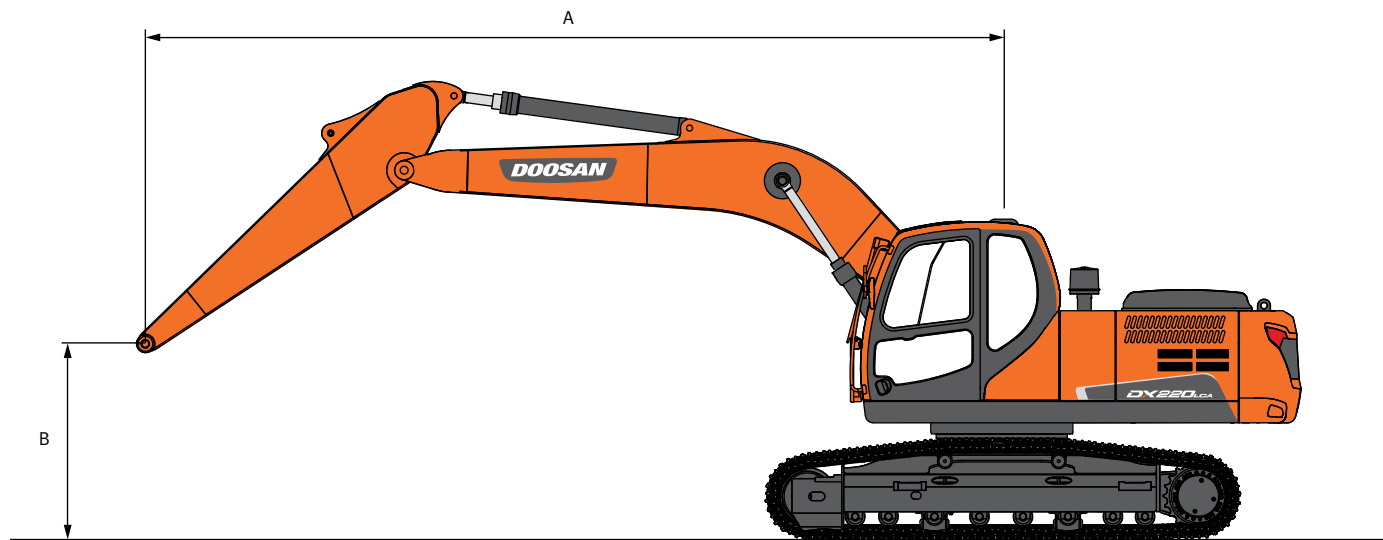
- CABIN & INTERIOR
- Air suspension seat
  - MP3/CD player
  - Rain shield
  - 2 front lamps
  - 4 front + 2 rear lamps

- OTHERS
- Piping for crusher
  - Piping for quick clamp
  - Piping for front attachment rotation
  - Breaker filter
  - Lower wiper
  - Fuel heater
  - Fuel filler pump

- UNDERCARRIAGE
- 10.0-20-14PR double tire

LIFTING CAPACITY

DX220LCA-2



STANDARD

Metric

Boom : 5,700 mm (18' 7")    Arm : 2,900 mm (9' 5")    Shoe : 800 mm (2' 6")    Counter Weight : 3,840 kg (8,466 lb)    STD track    Unit : 1,000 kg

B(m)	A(m)		1.5		3		4.5		6		7.5		Max. Reach		A(m)
7.5									4.66 *	4.61			4.05 *	4.05 *	6.20
6									4.81 *	4.61			3.76 *	3.25	7.31
4.5									5.27 *	4.43	4.53	3.06	3.70 *	2.73	7.99
3							7.72 *	6.38	5.99 *	4.17	4.41	2.95	3.71	2.46	8.35
1.5							9.15 *	5.85	5.97	3.91	4.28	2.83	3.59	2.36	8.42
0				5.70 *	5.70 *	8.95	5.56	5.78	3.73	4.18	2.73	3.67	2.4		8.23
-1.5	6.22 *	6.22 *	9.82 *	9.82 *	8.86	5.49	5.7	3.66	4.16	2.71	3.99	2.61			7.74
-3	10.59 *	10.59 *	12.38 *	10.69	8.88 *	5.56	5.75	3.71				4.76	3.11		6.88
-4.5			9.38 *	9.38 *	6.84 *	5.81						5.20 *	4.4		5.51

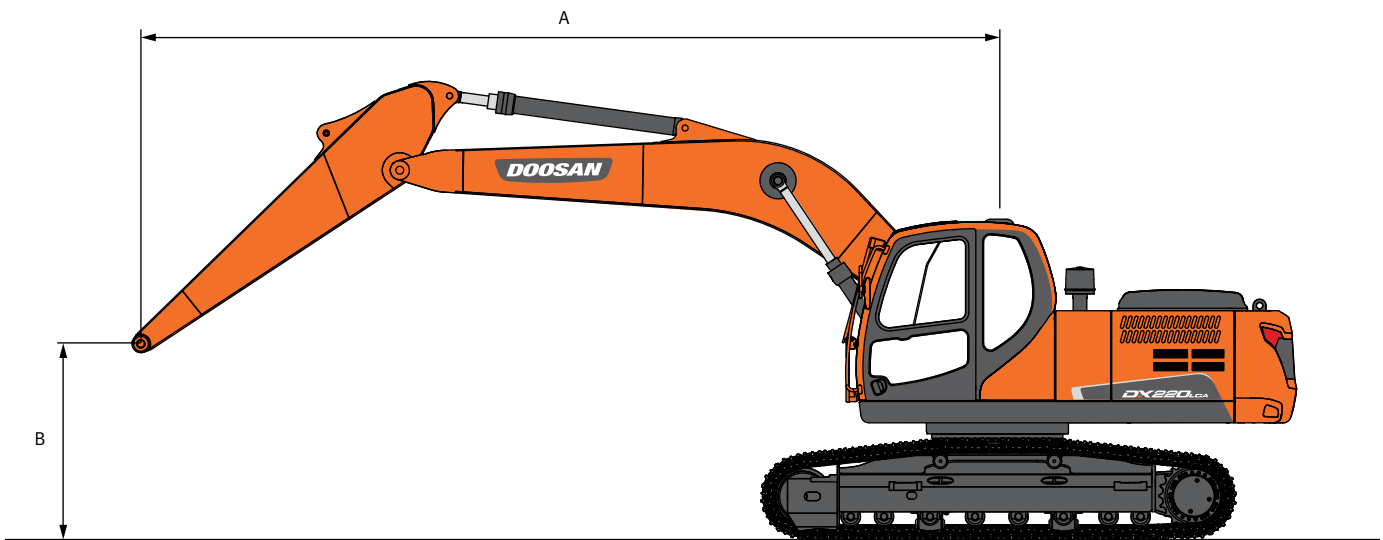
Feet

B(ft)	A(ft)		5		10		15		20		25		Max. Reach		A(m)
25									10.26 *	10.16			8.92 *	8.92 *	20.33
20									10.61 *	10.16			8.29 *	7.16	23.97
15									11.61 *	9.77	10	6.75	8.16 *	6.01	26.21
10							17.02 *	14.07	13.20 *	9.19	9.73	6.51	8.18	5.43	27.39
5							20.17 *	12.89	13.17	8.62	9.44	6.23	7.92	5.21	27.64
0				12.56 *	12.56 *	19.73	12.26	12.73	8.23	9.22	6.03	8.09	5.3		26.99
-5	13.71 *	13.71 *	21.66 *	21.66 *	19.54	12.1	12.56	8.07	9.17	5.98		8.8	5.75		25.38
-10	23.34 *	23.34 *	27.29 *	23.57	19.58 *	12.26	12.67	8.17				10.49	6.86		22.59
-15			20.68 *	20.68 *	15.09 *	12.81						11.46 *	9.71		18.07

1. Load point is the end of the arm.  
2. Capacities marked with an asterisk (\*) are limited by hydraulic capacities.  
3. Lift capacities shown do not exceed 75 % of minimum tipping loads or 87 % of hydraulic capacities.  
4. The least stable position is over the side.  
5. Lift capacities apply only to the machine as originally manufactured and normally equipped by the manufacturer.  
6. Lift capacities are in compliance with iso 10567.

: Rating Over Front

: Rating Over Side or 360 Degree



OPTION

Metric

Boom : 5,700 mm (18' 7")    Arm : 2,900 mm (9' 5")    Shoe : 600 mm (2' 0")    Counter Weight : 3,840 kg (8,466 lb)    LC track    Unit : 1,000 kg

B(m)	A(m)		1.5		3		4.5		6		7.5		Max. Reach		A(m)
7.5									4.66 *	4.66 *			4.05 *	4.05 *	6.20
6									4.81 *	4.81 *			3.76 *	3.53	7.31
4.5									5.27 *	4.81	4.85 *	3.33	3.70 *	2.97	7.99
3							7.72 *	7	5.99 *	4.54	4.98	3.22	3.80 *	2.69	8.35
1.5							9.15 *	6.45	6.71 *	4.28	4.85	3.09	4.05 *	2.59	8.42
0				5.70 *	5.70 *	9.83 *	6.15	6.61	4.1	4.74	3	4.15	2.63		8.23
-1.5	6.22 *	6.22 *	9.82 *	9.82 *	9.74 *	6.08	6.53	4.03	4.72	2.98		4.52	2.86		7.74
-3	10.59 *	10.59 *	12.38 *	12.09	8.88 *	6.16	6.58 *	4.07				5.38 *	3.41		6.88
-4.5			9.38 *	9.38 *	6.84 *	6.41						5.20 *	4.83		5.51

Feet

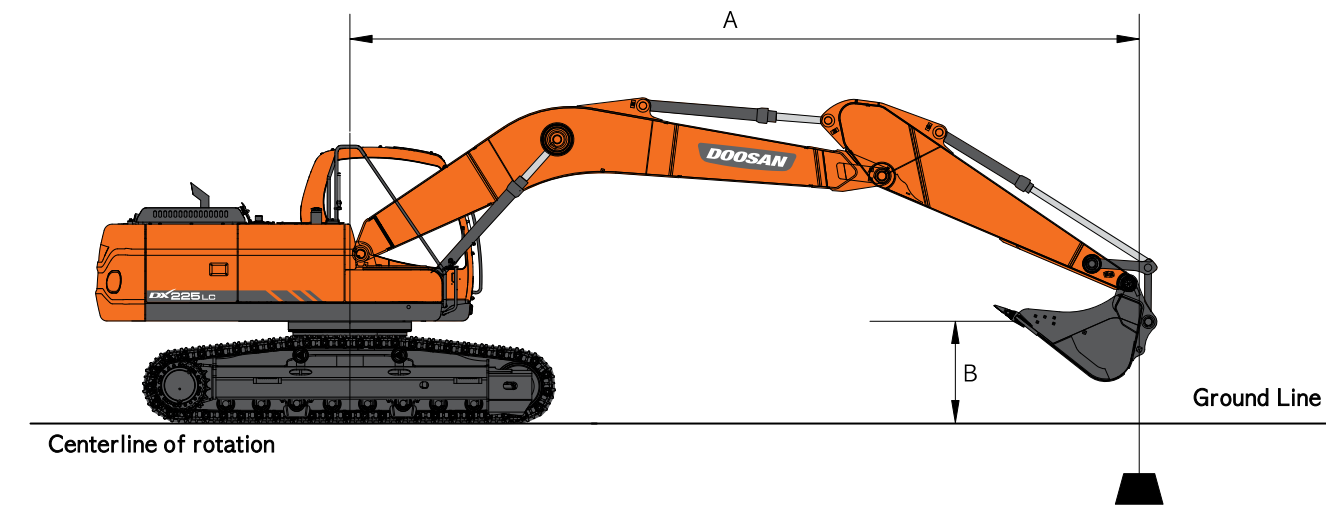
B(ft)	A(ft)		5		10		15		20		25		Max. Reach		A(m)
25									10.26 *	10.26 *			8.92 *	8.92 *	20.33
20									10.61 *	10.61 *			8.29 *	7.78	23.97
15									11.61 *	10.61	10.70 *	7.34	8.16 *	6.55	26.21
10							17.02 *	15.43	13.20 *	10.02	10.99	7.09	8.37 *	5.94	27.39
5							20.17 *	14.22	14.79 *	9.44	10.68	6.82	8.92 *	5.71	27.64
0				12.56 *	12.56 *	21.68 *	13.57	14.57	9.04	10.46	6.61	9.15	5.81		26.99
-5	13.71 *	13.71 *	21.66 *	21.66 *	21.47 *	13.4	14.39	8.88	10.4	6.56	9.97	6.31			25.38
-10	23.34 *	23.34 *	27.29 *	26.64	19.58 *	13.57	14.51 *	8.98				11.85 *	7.52		22.59
-15			20.68 *	20.68 *	15.09 *	14.13						11.46 *	10.64		18.07

1. Load point is the end of the arm.  
2. Capacities marked with an asterisk (\*) are limited by hydraulic capacities.  
3. Lift capacities shown do not exceed 75 % of minimum tipping loads or 87 % of hydraulic capacities.  
4. The least stable position is over the side.  
5. Lift capacities apply only to the machine as originally manufactured and normally equipped by the manufacturer.  
6. Lift capacities are in compliance with iso 10567.

: Rating Over Front

: Rating Over Side or 360 Degree

LIFTING CAPACITY



STANDARD CONFIGURATION

Metric
Boom : 5,700mm (18'8") Arm : 2,900mm (9'6") Bucket : SAE/PCSA 0.92m³ (1.2yd³) CECE 0.8m³ (1.1yd3) Shoe : 600mm (2')
Unit : 1,000kg

Table with 18 columns: A(m), 2, 3, 4, 5, 6, 7, 8, Max. Reach, and 3 additional columns for Max. Reach. Rows include boom heights from 8m down to -5m.

Feet
Unit : 1,000lb

Table with 13 columns: A(ft), 10', 15', 20', 25', Max. Reach, and 3 additional columns for Max. Reach. Rows include boom heights from 25ft down to -20ft.

- 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

Option 1

Metric
Boom : 5,700mm (18'8") Arm : 2,400mm (7'7") Bucket : SAE/PCSA 1.05m³ (1.4yd³) CECE 0.9m³ (1.2yd³) Shoe : 600mm(2')
Unit : 1,000kg

Table with 18 columns: A(m), 2, 3, 4, 5, 6, 7, 8, Max. Reach, and 3 additional columns for Max. Reach. Rows include boom heights from 7m down to -5m.

Feet
Unit : 1,000lb

Table with 13 columns: A(ft), 10', 15', 20', 25', Max. Reach, and 3 additional columns for Max. Reach. Rows include boom heights from 25ft down to -15ft.

Option 2

Metric
Boom : 5,700mm (18'8") Arm : 3,500mm (11'6") Bucket : SAE/PCSA 0.81m³ (1.1yd³) CECE 0.7m³ (0.9yd³) Shoe : 600mm (2')
Unit : 1,000kg

Table with 20 columns: A(m), 2, 3, 4, 5, 6, 7, 8, 9, Max. Reach, and 5 additional columns for Max. Reach. Rows include boom heights from 8m down to -6m.

Feet
Unit : 1,000lb

Table with 13 columns: A(ft), 10', 15', 20', 25', Max. Reach, and 3 additional columns for Max. Reach. Rows include boom heights from 25ft down to -20ft.

















# LIFTING CAPACITY

## Option 3









### Metric

Boom : 5,200mm (17'1")    Arm : 2,000mm (6'7")    Bucket : SAE/PCSA 1.28m³ (1.7yd³)    CECE : 1.1m³ (1.4yd³)    Shoe : 600mm (2')    Unit : 1,000kg

A(m)	2		3		4		5		6		7		Max. Reach		
B(m)															A(m)
7													*5.89	*5.89	4.99
6							*5.82	*5.82					*5.80	5.04	5.87
5							*6.21	*6.21	*5.89	4.82			*5.83	4.23	6.48
4			*10.34	*10.34	*8.08	*8.08	*6.92	6.35	*6.25	4.73			*5.91	3.77	6.88
3					*9.68	8.71	*7.79	6.14	*6.73	4.62	5.79	3.61	5.62	3.50	7.12
2					*11.12	8.35	*8.63	5.94	*7.23	4.51	5.72	3.55	5.45	3.38	7.22
1					*12.00	8.12	*9.26	5.79	7.22	4.41	5.66	3.49	5.45	3.37	7.17
0 (Ground)			*9.19	*9.19	*12.26	8.01	*9.57	5.70	7.15	4.35			5.65	3.48	6.98
-1	*8.39	*8.39	*13.56	13.10	*12.00	7.99	*9.50	5.66	7.12	4.33			6.10	3.74	6.63
-2	*13.15	*13.15	*14.30	13.21	*11.25	8.04	*8.99	5.69	7.15	4.35			6.98	4.25	6.10
-3	*15.73	*15.73	*12.39	*12.39	*9.88	8.16	*7.83	5.78					*7.19	5.27	5.33
-4			*9.39	*9.39	*7.41	*7.41							*7.06	*7.06	4.17

### Feet















Unit : 1,000lb

A(ft)	10'		15'		20'		Max. Reach		
B(ft)									A(ft)
20							*12.80	11.35	19.03
15			*14.93	*14.93	*13.21	10.28	*12.92	8.82	21.89
10			*18.52	15.60	*14.62	9.95	12.43	7.75	23.35
5			*21.85	14.79	15.63	9.59	11.96	7.40	23.67
0 (Ground)	*21.17	*21.17	*23.31	14.37	15.37	9.36	12.46	7.66	22.90
-5	*32.59	28.15	*22.52	14.32	15.34	9.34	14.31	8.75	20.93
-10	*26.76	*26.76	*18.94	14.59			*15.86	11.77	17.32
-15	*22.52	*22.52					*15.76	14.73	13.68
-20	*26.50	*26.50	*19.23	*19.23					

## Option 4









### Metric

Boom : 5,200mm (17'1")    Arm : 2,400mm(7'10")    Bucket : SAE/PCSA 1.28m³ (1.7yd³)    CECE : 1.1m³ (1.4yd³)    Shoe : 600mm (2')    Unit : 1,000kg

A(m)	2		3		4		5		6		7		Max. Reach		
B(m)															A(m)
7													*4.38	*4.38	5.56
6									*5.31	4.93			*4.31	*4.31	6.36
5							*5.72	*5.72	*5.49	4.88			*4.37	3.82	6.92
4					*7.37	*7.37	*6.46	6.44	*5.90	4.79	*5.57	3.71	*4.53	3.44	7.30
3			*12.40	*12.40	*9.02	8.89	*7.38	6.23	*6.43	4.67	5.83	3.64	*4.78	3.22	7.53
2			*9.97	*9.97	*10.61	8.51	*8.31	6.03	*6.99	4.55	5.75	3.58	5.01	3.11	7.62
1			*7.93	*7.93	*11.73	8.24	*9.06	5.86	7.26	4.45	5.68	3.51	5.02	3.10	7.58
0 (Ground)	*4.31	*4.31	*9.47	*9.47	*12.25	8.09	*9.50	5.74	7.17	4.37	5.63	3.47	5.17	3.19	7.40
-1	*7.70	*7.70	*12.35	*12.35	*12.22	8.03	*9.59	5.69	7.13	4.33	5.62	3.45	5.53	3.40	7.07
-2	*11.15	*11.15	*15.20	13.21	*11.69	8.05	*9.27	5.69	7.13	4.34			6.20	3.80	6.57
-3	*15.22	*15.22	*13.54	13.36	*10.59	8.13	*8.42	5.74					*6.83	4.55	5.86
-4	*14.19	*14.19	*10.97	*10.97	*8.64	8.29							*6.90	6.16	4.84

### Feet















Unit : 1,000lb

A(ft)	10'		15'		20'		Max. Reach		
B(ft)									A(ft)
20					*10.85	10.57	*9.51	*9.51	20.66
15			*13.70	*13.70	*12.39	10.41	*9.75	8.01	23.31
10	*26.46	*26.46	*17.42	15.85	*13.98	10.06	*10.50	7.12	24.69
5	*19.51	*19.51	*21.15	15.00	*15.72	9.68	11.02	6.83	24.99
0 (Ground)	*21.71	*21.71	*23.19	14.50	15.42	9.41	11.41	7.04	24.27
-5	*32.31	28.18	*23.02	14.36	15.32	9.32	12.86	7.90	22.42
-10	*29.26	28.61	*20.32	14.52			*15.06	10.13	19.10
-15	*19.26	*19.26					*14.84	*14.84	13.24
-20	*26.50	*26.50	*19.23	*19.23					

## Option 5











### Metric

Boom : 5,700mm (18'8")    Arm : 2,900mm (9'6")    Bucket : SAE/PCSA 0.93m³ (1.2yd³)    CECE : 0.8m³ (1.0yd³)    Shoe : 800mm (2'8")    Unit : 1,000kg

A(m)	2		3		4		5		6		7		8		9		Max. Reach			
B(m)																			A(m)	
8																		*3.42	*3.42	5.94
7																		*3.31	*3.31	6.85
6									*4.53	*4.53	*4.39	3.94				*4.53		*3.30	*3.30	7.51
5									*4.87	*4.87	*4.69	3.89				*4.87		*3.36	3.08	7.99
4								*5.95	*5.95	*5.37	4.92	*4.99	3.82	*4.50	30.4	*5.37		*3.48	2.83	8.32
3			*11.94	*11.94	*8.57	*8.57	*6.92	6.34	*5.97	4.76	*5.36	3.72	4.81	2.98	*5.97			*3.65	2.67	8.52
2			*7.08	*7.08	*10.19	8.57	*7.89	6.09	*6.58	4.61	*5.75	3.63	4.75	2.93	*6.58			*3.89	2.59	8.60
1			*5.62	*5.62	*11.36	8.24	*8.69	5.88	*7.11	4.48	5.78	3.54	4.69	2.87	*7.11			4.22	2.58	8.56
0 (Ground)	*3.08	*3.08	*6.66	*6.66	*11.94	8.06	*9.21	5.74	7.26	4.38	5.70	3.47	4.64	2.83	7.26			4.31	2.63	8.40
-1	*5.53	*5.53	*8.59	*8.59	*12.03	7.98	*9.41	5.66	7.19	4.32	5.66	3.43	4.62	2.81	7.19			4.53	2.75	8.11
-2	*7.92	*7.92	*11.11	*11.11	*11.71	7.98	*9.28	5.64	7.16	4.29	5.65	3.42			7.16			4.91	2.99	7.69
-3	*10.58	*10.58	*14.12	13.22	*10.99	8.04	*8.81	5.66	7.19	4.31	5.68	3.45			7.19			5.57	3.39	7.09
-4	*13.78	*13.78	*12.36	*12.36	*9.77	8.15	*7.86	5.74	*6.29	4.39					*6.29			*5.86	4.11	6.28
-5			*9.77	*9.77	*7.80	*7.80	*6.10	5.90										*5.85	5.65	5.15

### Feet
















Unit : 1,000lb

A(ft)	10'		15'		20'		25'		Max. Reach		
B(ft)											A(ft)
25							*8.41	*8.41			
20							*9.94	*9.94			
15							*11.10	10.72	*10.37	7.36	
10	*25.44	*25.44	*16.42	16.11	*12.94	10.26	*11.19	7.15	*8.03	5.91	27.93
5	*13.83	*13.83	*20.28	15.10	*14.86	9.78	11.23	6.91	*8.91	5.68	28.20
0 (Ground)	*15.25	*15.25	*22.52	14.47	15.61	9.43	11.03	6.73	9.50	5.79	27.56
-5	*22.18	*22.18	*22.80	14.26	15.42	9.26	10.95	6.66	10.37	6.31	25.95
-10	*30.58	28.32	*21.20	14.34	15.46	9.29			12.38	7.53	23.15
-15	*23.99	*23.99	*17.02	14.70					*12.97	10.63	18.64

## Option 6

### Metric

Boom : 5,700mm (18'8")    Arm : 2,400mm (7'11")    Bucket : SAE/PCSA 1.05m³ (1.4yd³)    CECE : 0.9m³ (1.2yd³)    Shoe : 800mm (2'8")    Unit : 1,000kg

A(m)	2		3		4		5		6		7		8		Max. Reach		
B(m)																	A(m)
7									*5.03	*5.03					*4.47	*4.47	6.29
6									*5.06	*5.06	*4.46	3.90			*4.44	3.89	7.00
5							*5.77	*5.77	*5.37	5.00	*5.13	3.87			*4.51	3.42	7.52
4			*10.28	*10.28	*7.83	*7.83	*6.58	6.51	*5.84	4.88	*5.37	3.80			*4.66	3.12	7.87
3					*9.51	8.85	*7.52	6.27	*6.40	4.74	*5.70	3.72	4.81	2.99	4.73	2.94	8.08
2					*10.98	8.45	*8.41	6.04	*6.95	4.60	*5.88	3.64	4.76	2.95	4.61	2.85	8.17
1					*11.86	8.20	*9.07	5.87	7.37	4.49	5.80	3.56	4.72	2.90	4.61	2.84	8.12
0 (Ground)			*5.72	*5.72	*12.14	8.08	*9.43	5.76	7.28	4.41	5.74	3.51			4.73	2.90	7.96
-1	*5.52	*5.52	*8.70	*8.70	*11.96	8.05	*9.46	5.71	7.24	4.36	5.71	3.49			5.00	3.07	7.65
-2	*8.80	*8.80	*12.21	*12.21	*11.41	8.08	*9.16	5.71	7.24	4.36	5.72	3.50			5.49	3.36	7.20
-3	*12.33	*12.33	*13.09	*13.09	*10.45	8.16	*8.47	5.77	*6.88	4.41					*6.05	3.89	6.56
-4	*13.90	*13.90	*11.03	*11.03	*8.93	8.31	*7.19	5.88							*6.08	4.90	5.67
-5					*6.36	*6.36									*5.73	*5.73	4.38

## LIFTING CAPACITY

## Option 7











## Metric

Boom : 5,700mm(18'8")    Arm : 3,500mm(11'6")    Bucket : SAE/PCSA 1.05m<sup>3</sup> (1.4yd<sup>3</sup>)    CECE : 0.9m<sup>3</sup> (1.2yd<sup>3</sup>)    Shoe : 800mm (2'8")    Unit : 1,000kg

[illegible]

## Feet

Unit : 1,000lb

B(ft)	A(ft) 10'		15'		20'		25'		Max. Reach		
											A(ft)
25									*6.45	*6.45	22.80
20									*6.36	6.36	26.22
15					*9.93	*9.93	*9.48	7.48	*6.55	5.95	28.35
10			*14.55	*14.55	*11.86	10.40	*10.43	7.22	*6.99	5.41	29.49
5	*23.19	*23.19	*18.77	15.29	*13.97	9.85	11.27	6.94	*7.71	5.20	29.75
0 (Ground)	*17.48	*17.48	*21.70	14.48	15.60	9.41	11.01	6.70	*8.69	5.26	29.14
-5	*21.68	*21.68	*22.73	14.11	15.32	9.16	10.86	6.57	9.36	5.66	27.62
-10	*29.55	27.78	*21.90	14.08	15.27	9.12	10.89	6.59	10.88	6.58	25.02
-15	*27.18	*27.18	*18.87	14.34	*13.48	9.32			*12.58	8.74	20.92
-20									*12.60	*12.60	14.05

## Option 8



















## Metric

Boom : 8,500mm (27'8")    Arm : 6,200mm (20'3")    Bucket : SAE/PCSA : 0.39m<sup>3</sup> (0.51yd<sup>3</sup>)    CECE : 0.35m<sup>3</sup> (0.46yd<sup>3</sup>)    Shoe : 600mm (2')    Unit : 1,000kg

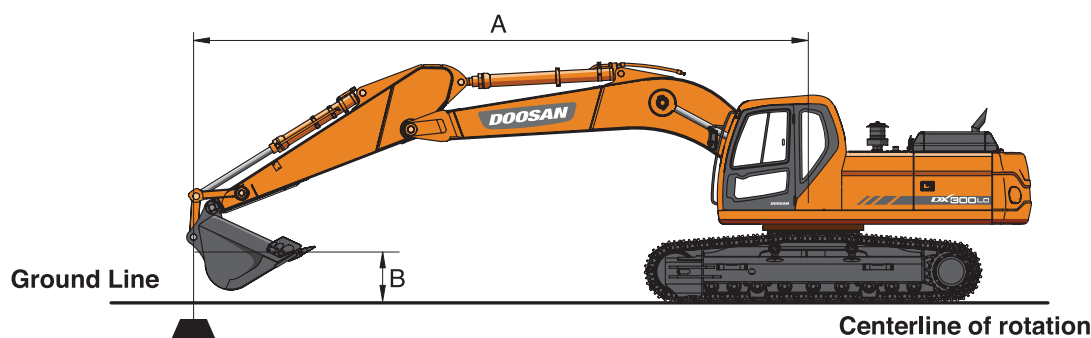
A(m)	2		3		4		5		6		7		8		9		10		11		12		13		14		Max. Reach								
B(m)																													A(m)						
12																													*1.02	*1.02	@9.70				
11																		*1.66	*1.66											*0.98	*0.98	@10.66			
10																		*2.10	*2.10	*1.50	*1.50									*0.95	*0.95	@11.46			
9																		*2.28	*2.28	*2.00	*2.00	*1.12	*1.12							*0.94	*0.94	@12.11			
8																		*2.33	*2.33	*2.31	2.24	*1.74	*1.74							*0.94	*0.94	@12.66			
7																		*2.42	*2.42	*2.39	2.21	*2.13	1.85							*0.94	*0.94	@13.10			
6																*2.63	*2.63	*2.55	*2.55	*2.48	2.18	*2.44	1.83	*1.64	1.53						*0.96	*0.96	@13.46		
5														*3.02	*3.02	*2.85	*2.85	*2.71	2.54	*2.60	2.13	*2.51	1.8	*2.01	1.52						*0.98	*0.98	@13.73		
4												*3.69	*3.69					*2.89	*2.47	*2.73	2.08	*2.61	1.76	*2.30	1.5						*1.00	*1.00	@13.92		
3					*7.66	*7.66	*5.88	*5.88	*4.84	*4.84	*4.16	*4.16	*3.69	3.44	*3.35	2.85	*3.08	2.4	*2.88	2.03	*2.72	1.72	*2.43	1.47		*1.13	*1.13			*1.04	*1.04	@14.04			
2					*5.32	*5.32	*6.86	6.52	*5.50	5.03	*4.64	4.03	*4.04	3.3	*3.60	2.75	*3.28	2.32	*3.02	1.97	2.75	1.68	2.4	1.44	*1.29	1.23				*1.08	*1.08	@14.09			
1					*3.48	*3.48	*7.66	6.15	*6.08	4.78	*5.06	3.85	*4.36	3.17	*3.85	2.65	*3.46	2.25	3.11	1.91	2.7	1.64	2.37	1.41	*1.29	1.21				*1.13	*1.13	@14.07			
O(Ground)					*3.21	*3.21	*6.46	5.89	*6.58	4.58	*5.42	3.7	*4.63	3.06	*4.06	2.57	3.54	2.18	3.06	1.86	2.67	1.6	2.34	1.39						*1.20	*1.20	@13.97			
1				*2.08	*2.08	*3.48	*3.48	*6.02	5.73	*6.85	4.44	*5.69	3.58	4.83	2.97	4.07	2.49	3.48	2.12	3.01	1.82	2.63	1.57	2.32	1.36						*1.27	1.22	@13.80		
2		*2.14	*2.14	*2.77	*2.77	*4.00	*4.00	*6.20	5.64	*7.03	4.35	5.79	3.5	4.76	2.9	4.01	2.44	3.43	2.08	2.98	1.79	2.61	1.55	2.31	1.35						*1.36	1.26	@13.56		
3		*2.88	*2.88	*3.51	*3.51	*4.69	*4.69	*6.74	5.6	*7.09	4.3	5.73	3.45	4.71	2.85	3.96	2.4	3.4	2.05	2.95	1.77	2.59	1.54			*2.14	1.35				*1.48	1.31	@13.23		
4		*3.65	*3.65	*4.32	*4.32	*5.51	*5.51	*7.54	5.6	*7.03	4.28	5.7	3.43	4.68	2.82	3.94	2.38	3.38	2.03	2.94	1.76	2.59	1.53								*1.62	1.39	@12.82		
5		*4.46	*4.46	*5.20	*5.20	*6.46	*6.46	*8.25	5.63	*6.86	4.29	5.7	3.43	4.68	2.82	3.94	2.37	3.38	2.03	2.95	1.76	2.61	1.55								*1.80	1.49	@12.31		
6		*5.34	*5.34	*6.18	*6.18	*7.58	*7.58	*7.85	5.69	*6.58	4.32	*5.61	3.45	4.69	2.84	3.95	2.39	3.4	2.05	2.97	1.78											*2.04	1.64	@11.69	
7		*6.31	*6.31	*7.30	*7.30	*8.84	8.21	*7.30	5.77	*6.16	4.38	*5.27	3.49	*4.55	2.87	*3.93	2.42	*3.37	2.09													*2.38	1.85	@10.95	
8		*7.40	*7.40	*8.61	*8.61	*7.88	*7.88	*6.57	5.89	*5.57	4.47	*4.77	3.56	*4.09	2.94	*3.46	2.49	*2.80	2.16														*2.76	2.15	@10.05
9				*8.11	*8.11	*6.64	*6.64	*5.59	*5.59	*4.75	4.59	*4.04	3.67	*3.37	3.04																		*2.67	2.62	@8.95
10								*4.24	*4.24	*3.56	*3.56	*2.87	*2.87																				*2.46	2.46	@7.53

## Feet

Unit : 1,000lb

A(ft)	10		15		20		25		30		35		40		45		Max. Reach			
																			A(ft)	
40																		*2.27	*2.27	@31.16
35												*2.91	*2.91					*2.13	*2.13	@35.91
30												*4.65	*4.65					*2.07	*2.07	@39.46
25												*5.19	*5.19	*3.86	*3.86			*2.07	*2.07	@42.12
20										*5.73	*5.73	*5.49	5.1	*5.08	3.91			*2.10	*2.10	@44.05
15							*7.16	*7.16	*6.44	*6.44	*5.94	4.93	*5.59	3.81	*2.63	*2.63		*2.18	*2.18	@45.34
10			*14.23	*14.23	*10.43	*10.43	*8.45	8.2	*7.26	6.14	*6.46	4.73	*5.92	3.69	*3.63	2.88		*2.28	*2.28	@46.06
5			*16.00	15.8	*12.53	10.58	*9.73	7.67	*8.08	5.81	*7.00	4.52	5.86	3.56	*4.09	2.82		*2.43	*2.43	@46.22
0(Ground)			*10.57	*10.57	*14.13	9.89	*10.81	7.23	*8.80	5.52	7.07	4.33	5.73	3.44	*3.94	2.75		*2.64	*2.64	@45.84
-5	*5.47	*5.47	*10.78	*10.78	*15.06	9.46	11.34	6.92	8.69	5.3	6.91	4.18	5.63	3.35				*2.90	2.73	@44.89
-10	*7.92	*7.92	*12.68	*12.68	*15.35	9.26	11.14	6.73	8.54	5.16	6.81	4.08	5.58	3.3				*3.27	2.9	@43.35
-15	*10.71	*10.71	*15.62	14.19	*15.06	9.22	11.08	6.67	8.48	5.11	6.78	4.06	5.6	3.31				*3.78	3.18	@41.14
-20	*13.97	*13.97	*18.66	14.42	*14.20	9.32	11.13	6.72	8.52	5.15	6.84	4.11						*4.55	3.66	@38.14
-25	*17.98	*17.98	*16.35	14.79	*12.63	9.55	*10.00	6.88	*7.90	5.3								*5.87	4.45	@34.16
-30	*17.09	*17.09	*12.84	*12.84	*10.01	9.93	*7.68	7.21										*5.83	*5.83	@28.77

# LIFTING CAPACITY



## STANDARD CONFIGURATION

**Metric**      Boom : 6,245mm(20'6")    Arm : 3,100mm(10'2")    Bucket : SAE 1.27m³ HEAPED(CECE 1.1m³)    Shoe : 600mm(2')      Unit : 1,000kg

A(m)	2		3		4		5		6		7		8		9		Max. Reach		
B(m)																			A(m)
8											*4.58	*4.58					*4.28	*4.28	7.10
7											*5.11	*5.11					*4.25	*4.25	7.85
6											*5.32	*5.32	*5.38	4.84			*4.30	*4.30	8.41
5									*5.99	*5.99	*5.74	*5.74	*5.59	4.78			*4.41	3.99	8.82
4							*7.76	*7.76	*6.86	*6.86	*6.30	5.86	*5.94	4.68	*5.10	3.80	*4.59	3.72	9.10
3			*10.78	*10.78	*11.93	*11.93	*9.30	*9.30	*7.85	7.27	*6.95	5.69	*6.37	4.58	5.98	3.74	*4.84	3.54	9.27
2			*4.70	*4.70	*14.32	13.10	*10.78	9.27	*8.82	7.02	*7.61	5.53	*6.81	4.47	5.90	3.67	*5.18	3.45	9.32
1			*5.08	*5.08	*14.88	12.64	*11.98	8.95	*9.67	6.80	*8.21	5.38	7.05	4.37	5.84	3.61	5.57	3.44	9.27
O (Ground)			*7.00	*7.00	*14.39	12.40	*12.80	8.74	*10.32	6.64	8.60	5.27	6.96	4.29	5.79	3.56	5.68	3.50	9.10
-1	*6.57	*6.57	*9.46	*9.46	*16.01	12.31	*13.23	8.63	*10.72	6.54	8.51	5.19	6.91	4.24			5.94	3.65	8.82
-2	*9.33	*9.33	*12.34	*12.34	*16.87	12.31	*13.29	8.59	*10.84	6.50	8.48	5.16	6.89	4.22			6.39	3.93	8.41
-3	*12.28	*12.28	*15.76	*15.76	*16.27	12.38	*12.98	8.62	*10.65	6.51	8.49	5.17					7.13	4.38	7.84
-4	*15.65	*15.65	*19.54	*19.54	*15.19	12.52	*12.23	8.71	*10.04	6.58	*8.24	5.25					*8.08	5.15	7.09
-5	*19.75	*19.75	*17.08	*17.08	*13.45	12.74	*10.85	8.87	*8.72	6.73							*8.54	6.59	6.09
-6					*10.56	*10.56											*8.98	*8.98	4.66

## Feet

Unit : 1,000lb

A(ft)	10'		15'		20'		25'		30'		Max. Reach		
B(ft)													A(ft)
25											*9.39	*9.39	24.4
20							*11.74	11.66			*9.46	*9.46	27.5
15					*13.89	*13.89	*12.79	11.37			*9.88	8.51	29.5
10	*28.04	*28.04	*22.23	*22.23	*16.96	15.66	*14.41	10.95	*12.07	8.01	*10.65	7.83	30.5
5	*10.92	*10.92	*28.09	23.01	*20.04	14.87	*16.12	10.53	12.61	7.81	*11.85	7.58	30.6
O (Ground)	*15.97	*15.97	*31.46	22.11	*22.34	14.30	16.57	10.20			12.53	7.72	29.10
-5	*24.52	*24.52	*32.42	21.81	23.37	14.02	16.38	10.03			13.56	8.33	28.3
-10	*35.67	*35.67	*31.33	21.90	*23.01	14.02	16.43	10.07			15.83	9.72	25.8
-15	*39.72	*39.72	*27.82	22.34	*20.33	14.33					*18.39	12.89	21.6
-20											*19.87	*19.87	14.9

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

## Option 1

### Metric

















Boom : 6,245mm(20'6")

Arm : 2,500mm(8'2")

Bucket : SAE 1.50m<sup>3</sup> HEAPED(CECE 1.3m<sup>3</sup>)











Shoe : 600mm(2')

Unit : 1,000kg

A(m)	2		3		4		5		6		7		8		Max. Reach		
B(m)																	A(m)
8															*5.77	*5.77	6.23
7											*5.82	*5.82			*5.84	*5.84	7.07
6									*6.06	*6.06	*5.95	*5.95			*5.96	5.10	7.69
5							*7.35	*7.35	*6.71	*6.71	*6.31	5.91	*6.12	4.69	*6.11	4.55	8.14
4					*10.83	*10.83	*8.72	*8.72	*7.55	7.39	*6.83	5.77	*6.41	4.62	*6.30	4.20	8.44
3					*13.46	13.34	*10.20	9.45	*8.47	7.14	*7.43	5.61	*6.77	4.52	6.37	3.98	8.62
2					*14.73	12.72	*11.54	9.07	*9.36	6.90	*8.02	5.46	7.11	4.42	6.23	3.87	8.68
1					*12.87	12.40	*12.53	8.81	*10.09	6.71	*8.54	5.33	7.02	4.34	6.24	3.86	8.62
O (Ground)					*14.42	12.28	*13.11	8.65	*10.59	6.59	8.56	5.23	6.95	4.28	6.40	3.94	8.44
-1	*7.59	*7.59	*10.55	*10.55	*16.92	12.27	*13.30	8.59	*10.83	6.52	8.50	5.18	6.92	4.25	6.75	4.15	8.13
-2	*11.45	*11.45	*14.64	*14.64	*16.44	12.32	*13.13	8.59	*10.78	6.51	8.50	5.18			7.37	4.52	7.68
-3	*15.37	*15.37	*19.38	*19.38	*15.56	12.44	*12.58	8.66	*10.36	6.55	8.56	5.23			8.44	5.16	7.06
-4	*19.92	*19.92	*17.76	*17.76	*14.16	12.64	*11.52	8.80	*9.40	6.57					*8.98	6.34	6.22
-5			*14.80	*14.80	*11.91	*11.91	*9.56	9.04							*9.48	8.94	5.04
-6					*10.25	*10.25											

### Feet

Unit : 1,000lb

A(ft)	10'		15'		20'		25'		Max. Reach		
B(ft)											A(ft)
25									*12.76	*12.76	21.7
20					*13.23	*13.23	*13.11	11.43	*13.11	11.39	25.1
15			*18.59	*18.59	*15.40	*15.40	*13.92	11.19	*13.64	9.67	27.2
10			*24.76	23.95	*18.31	15.38	*15.35	10.81	14.08	8.80	28.3
5			*29.82	22.51	*21.07	14.65	16.82	10.43	13.70	8.50	28.5
O (Ground)	*15.04	*15.04	*32.13	21.88	*22.93	14.18	16.52	10.16	14.10	8.69	27.8
-5	*28.38	*28.38	*32.16	21.77	23.35	14.01	16.42	10.07	15.50	9.52	26.0
-10	*42.83	*42.83	*30.20	22.01	*22.37	14.12			18.76	11.48	23.1
-15	*35.36	*35.36	*25.45	22.63					*20.43	16.58	18.4

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



## Option 2

### Metric

Boom : 6,245mm(20'6")

Arm : 3,750mm(12'4")

Bucket : SAE 1.05m<sup>3</sup> HEAPED(CECE 0.9m<sup>3</sup>)

Shoe : 600mm(2')

Unit : 1,000kg

A(m)	2		3		4		5		6		7		8		9		Max. Reach		
B(m)																			A(m)
8																	*3.55	*3.88	7.78
7													*4.50	*4.50			*3.54	*3.54	8.47
6													*4.78	*4.78			*3.59	*3.59	8.99
5											*5.10	*5.10	*5.06	4.94	*4.71	4.00	*3.69	*3.69	9.38
4									*6.06	*6.06	*5.70	*5.70	*5.45	4.83	*5.31	3.93	*3.83	3.46	9.64
3			*14.00	*14.00	*10.10	*10.10	*8.19	*8.19	*7.09	*7.09	*6.39	5.85	*5.92	4.71	*5.62	3.85	*4.04	3.31	9.80
2			*11.17	*11.17	*12.72	*12.72	*9.80	9.54	*8.14	7.20	*7.11	5.67	*6.42	4.58	*5.95	3.77	*4.31	3.22	9.85
1			*7.98	*7.98	*14.80	12.93	*11.20	9.15	*9.11	6.95	*7.79	5.50	*6.90	4.46	5.92	3.69	*4.66	3.20	9.80
O (Ground)	*4.61	*4.61	*8.33	*8.33	*16.16	12.55	*12.27	8.87	*9.91	6.75	*8.38	5.35	7.04	4.36	5.85	3.62	*5.13	3.24	9.64
-1	*6.69	*6.69	*9.76	*9.76	*16.75	12.35	*12.96	8.69	*10.48	6.61	8.57	5.25	6.96	4.29	5.80	3.58	5.44	3.36	9.37
-2	*8.68	*8.68	*11.78	*11.78	*17.04	12.27	*13.28	8.60	*10.79	6.52	8.50	5.18	6.91	4.24			5.79	3.56	8.99
-3	*10.97	*10.97	*14.29	*14.29	*16.79	12.29	*13.24	8.58	*10.82	6.50	8.48	5.16	6.90	4.24			6.34	3.90	8.46
-4	*13.56	*13.56	*17.42	*17.42	*16.07	12.38	*12.81	8.63	*10.51	6.53	8.51	5.19					7.25	4.46	7.78
-5	*16.61	*16.61	*19.20	*19.20	*14.81	12.54	*11.89	8.74	*9.73	6.52							*8.16	5.43	6.87
-6	*20.36	*20.36	*16.33	*16.33	*12.75	*12.75	*10.20	8.94									*8.80	7.43	5.65

### Feet

Unit : 1,000lb

A(ft)	10'		15'		20'		25'		30'		Max. Reach		
B(ft)													A(ft)
25							*9.68	*9.68			*7.80	*7.80	26.6
20							*10.37	*10.37			*7.89	*7.89	29.4
15							*11.58	*11.58	*10.54	8.50	*8.25	7.90	31.2
10	*29.71	*29.71	*19.34	*19.34	*15.34	*15.34	*13.34	11.26	*12.28	8.27	*8.88	7.30	32.2
5	*20.58	*20.58	*25.73	23.64	*18.70	15.23	*15.26	10.77	12.81	8.00	*9.84	7.06	32.3
O (Ground)	*18.94	*18.94	*30.17	22.42	*21.46	14.53	16.75	10.37	12.57	7.78	*11.30	7.14	31.8
-5	*24.19	*24.19	*32.20	21.87	*23.12	14.12	16.47	10.11	12.44	7.66	12.35	7.61	30.2
-10	*32.31	*32.31	*32.12	21.78	23.33	13.99	16.39	10.04			14.06	8.65	27.8
-15	*43.71	*43.71	*29.84	21.05	*21.94	14.15					*17.46	10.90	23.11
-20	*34.79	*34.79	*24.20	22.75							*19.55	17.07	18.1

1. Ratings are based on SAE J1097

2. The load point is a hook located on the back of the bucket.

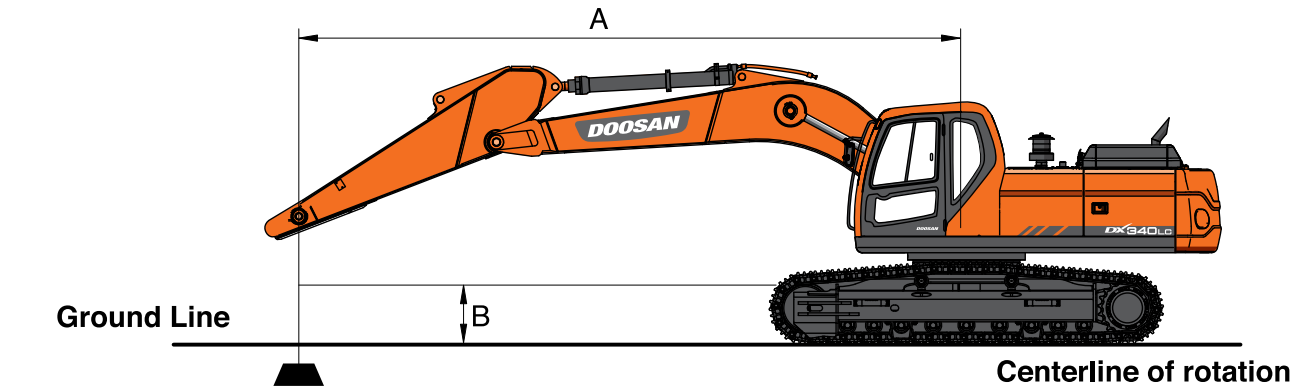
3. \* Rated loads are based on hydraulic capacity.

4. Rated loads do not exceed 87% of hydraulic capacity or 75% of tipping capacity.

: Rating Over Front

: Rating Over Side or 360 degree















LIFTING CAPACITY

















STANDARD



Metric

Boom : 6,500mm(21'4") Arm : 3,200mm(10'6") Bucket : Without Bucket Shoe : 600mm(24") Standard Track : 3,280mm(10'9") Unit : 1,000kg

A(m)	1.5		3.0		4.5		6.0		7.5		9.0		Max. Reach		
B(m)															A(m)
7.5													* 7.68	7.33	7.71
6.0													* 7.78	7.26	8.59
4.5					* 11.99	* 11.99	* 9.58	* 9.58	* 8.33	7.02	* 7.68	5.20	7.58	5.06	9.14
3.0					* 15.08	* 14.22	* 11.03	* 9.33	* 9.07	6.71	7.64	5.07	7.10	4.70	9.42
1.5					* 17.22	* 13.24	* 12.28	* 8.81	* 9.76	6.43	7.49	4.92	6.95	4.57	9.45
0					* 17.80	* 17.80	* 12.95	* 8.48	9.62	6.22	7.38	4.82	7.11	4.65	9.23
-1.5				* 14.10	* 14.10	* 17.27	* 12.76	* 12.91	* 8.35	9.52	6.13		7.64	4.98	8.76
-3.0	* 16.70	* 16.79	* 21.31	* 21.31	* 15.81	* 12.90	* 12.07	* 8.39	* 9.30	6.18			* 8.45	5.72	7.97
-4.5			* 17.23	* 17.23	* 13.14	* 13.10	* 9.96	* 8.63					* 8.35	7.36	6.76

Feet Unit : 1,000ld















A(ft)	5		10		15		20		25		30		Max. Reach		
B(ft)															A(ft)
25									* 17.04	15.68			* 17.04	15.67	25.01
20									* 17.03	15.60			* 16.81	12.76	28.04
15					* 25.78	* 25.78	* 20.75	* 20.75	* 18.15	15.11			16.79	11.21	29.92
10					* 32.42	30.70	* 23.86	20.14	* 19.71	14.47	16.44	10.90	15.69	10.39	30.88
5					* 37.17	28.55	* 26.57	19.01	* 21.17	13.86	16.12	10.60	15.33	10.08	31.00
0					* 38.57	27.63	* 28.05	18.29	20.72	13.42	15.90	10.40	15.68	10.26	30.30
-5			* 31.86	* 31.86	* 37.46	27.46	* 27.98	17.99	20.51	13.22			16.88	11.01	28.69
-10	* 37.58	* 37.58	* 46.30	* 46.30	* 34.25	27.75	* 26.07	18.09	19.94	13.35			* 18.63	12.69	26.03
-15			* 37.09	* 37.09	* 28.22	* 28.22	* 21.20	18.64					* 18.36	16.51	21.92

1. Lifting Capacities are in Compliance with ISO 10567
2. Loading Point is The End of The Arm.
3. Capacities Marked with an Asterisk (\*) are Limited by Hydraulic Capacities.
4. Lifting Capacities Shown Do Not Exceed 75% of Minimum Tipping Loads or 87% of Hydraulic Capacities.
5. The Least Stable Position is Over the Side.
-  : Rating Over Front
-  : Rating Over Side or 360 Degree















OPTION 1



Metric

Boom : 6,500mm(21'4") Arm : 3,200mm(10'6") Bucket : Without Bucket Shoe : 700mm(28") Standard Track : 3,200mm(10'6") Unit : 1,000kg

A(m)	1.5		3.0		4.5		6.0		7.5		9.0		Max. Reach		
B(m)															A(m)
7.5									* 7.68	7.38			* 7.71	7.01	7.71
6.0									* 7.78	7.31			* 7.62	5.77	8.59
4.5					11.99	11.99	* 9.58	* 9.58	* 8.33	7.07	* 7.68	5.24	7.64	5.10	9.14
3.0					15.08	14.32	11.03	9.40	* 9.07	6.76	7.70	5.11	7.16	4.74	9.42
1.5					17.22	13.34	12.28	8.88	* 9.76	6.48	7.55	4.96	7.01	4.61	9.45
0					17.80	12.93	12.95	8.55	9.70	6.27	7.44	4.86	7.17	4.69	9.23
-1.5				14.10	14.10	17.27	12.86	12.91	8.41	9.60	6.18		7.71	5.02	8.76
-3.0	16.79	16.79	21.31	21.31	15.81	13.00	12.07	8.45	* 9.30	6.23			* 8.45	5.77	7.97
-4.5			17.23	17.23	13.14	13.14	* 9.96	8.69					* 8.35	7.42	6.76

Feet Unit : 1,000ld















A(ft)	5		10		15		20		25		30		Max. Reach		
B(ft)															A(ft)
25									* 17.04	15.79			* 17.04	15.78	25.01
20									* 17.03	15.71			* 16.81	12.85	28.04
15					* 25.78	* 25.78	* 20.75	* 20.75	* 18.15	15.22			* 16.87	11.29	29.92
10					* 32.42	30.70	* 23.86	20.14	* 19.71	14.58	16.57	10.98	15.82	10.47	30.88
5					* 37.17	28.55	* 26.57	19.01	* 21.17	13.97	16.25	10.69	15.46	10.17	31.00
0					* 38.57	27.63	* 28.05	18.29	20.90	13.52	16.03	10.49	15.81	10.34	30.30
-5				* 31.86	* 31.86	* 37.46	27.46	* 27.98	17.99	20.68	13.33		17.03	11.10	28.69
-10	* 37.58	* 37.58	* 46.30	* 46.30	* 34.25	27.75	* 26.07	18.09	* 19.94	13.46			* 18.63	12.79	26.03
-15				* 37.09	* 37.09	* 28.22	* 28.22	* 21.20	18.64				* 18.36	16.64	21.92

1. Lifting Capacities are in Compliance with ISO 10567
2. Loading Point is The End of The Arm.
3. Capacities Marked with an Asterisk (\*) are Limited by Hydraulic Capacities.
4. Lifting Capacities Shown Do Not Exceed 75% of Minimum Tipping Loads or 87% of Hydraulic Capacities.
5. The Least Stable Position is Over the Side.
-  : Rating Over Front
-  : Rating Over Side or 360 Degree















OPTION 2

Metric

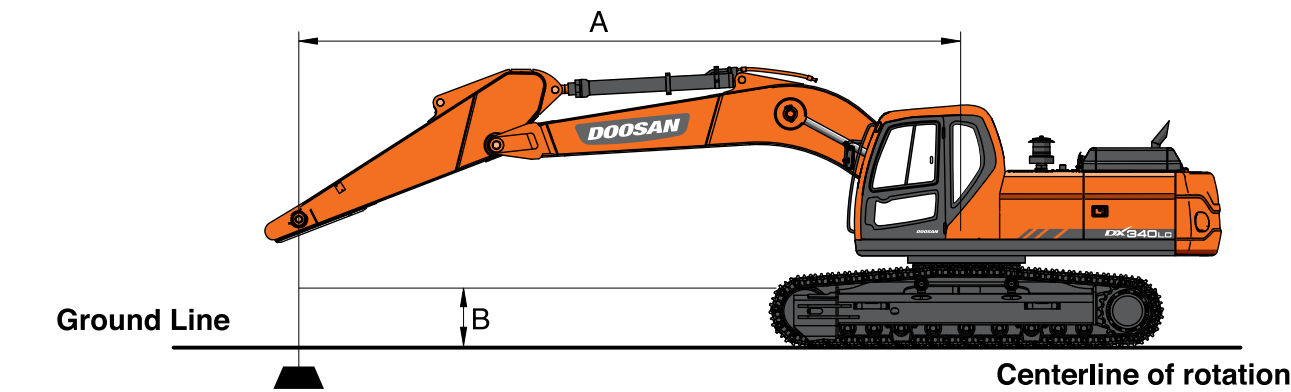
Boom : 6,500mm(21'4") Arm : 3,200mm(10'6") Bucket : Without Bucket Shoe : 600mm(24") Narrow Track : 3,000mm(9'8") Unit : 1,000kg

A(m)	1.5		3.0		4.5		6.0		7.5		9.0		Max. Reach		
B(m)															A(m)
7.5									* 7.68	6.58			* 7.71	6.25	7.71
6.0									* 7.78	6.51			* 7.62	5.12	8.59
4.5							11.99	11.99	* 9.58	8.87	* 8.33	6.27	* 7.68	4.63	9.14
3.0							15.08	12.46	11.03	8.28	* 9.07	5.98	7.61	4.50	9.42
1.5							17.22	11.53	12.28	7.78	* 9.76	5.70	7.46	4.36	9.45
0							17.80	11.14	12.95	7.46	9.59	5.50	7.35	4.26	9.23
-1.5															
-1.5				14.10	14.10	17.27	11.07	12.91	7.33	9.48	5.40				
-1.5				14.10	14.10	17.27	11.07	12.91	7.33	9.48	5.40				
-3.0	16.79	16.79	21.31	21.31	15.81	11.20	12.07	7.37	* 9.30	5.45			* 8.45	5.06	7.97
-4.5			17.23	17.23	13.14	11.52	* 9.96	7.60					* 8.35	6.51	6.76

Feet Unit : 1,000ld

A(ft)	5		10		15		20		25		30		Max. Reach		
B(ft)															A(ft)
25									* 17.04	14.06			* 17.04	14.06	25.01
20									* 17.03	13.99			* 16.81	11.41	28.04
15					* 25.78	* 25.78	* 20.75	19.13	* 18.15	13.51			16.73	9.98	29.92
10					* 32.42	26.95	* 23.86	17.89	* 19.71	12.89	16.37	9.68	15.62	9.22	30.88
5					* 37.17	24.89	* 26.57	16.79	21.13	12.29	16.05	9.39	15.27	8.93	31.00
0					* 38.57	24.00	* 28.05	16.09	20.64	11.85	15.83	9.19	15.61	9.07	30.30
-5			* 31.86	* 31.86	* 37.46	23.84	* 27.98	15.80	20.43	11.66			16.82	9.73	28.69
-10	* 37.58	* 37.58	* 46.30	* 46.30	* 34.25	24.12	* 26.07	15.89	* 19.94	11.79			* 18.63	11.22	26.03
-15			* 37.09	* 37.09	* 28.22	24.84	* 21.20	16.43					* 18.36	14.59	21.92

LIFTING CAPACITY



OPTION 3

Metric
Boom : 6,500mm(21'4") Arm : 2,600mm(8'6") Bucket : Without Bucket Shoe : 600mm(24") Standard Track : 3,200mm(10'6")
Unit : 1,000kg

Table with 12 columns: A(m), 1.5, 3.0, 4.5, 6.0, Max. Reach, and A(m). Rows include B(m) values from 7.5 to -4.5.

Table with 12 columns: A(ft), 10, 15, 20, 25, Max. Reach, and A(ft). Rows include B(ft) values from 25 to -15.

- 1. Lifting Capacities are in Compliance with ISO 10567
- 2. Loading Point is The End of The Arm.
- 3. Capacities Marked with an Asterisk (\*) are Limited by Hydraulic Capacities.
- 4. Lifting Capacities Shown Do Not Exceed 75% of Minimum Tipping Loads or 87% of Hydraulic Capacities.
- 5. The Least Stable Position is Over the Side.

OPTION 4

Metric
Boom : 6,500mm(21'4") Arm : 2,600mm(8'6") Bucket : Without Bucket Shoe : 700mm(28") Standard Track : 3,200mm(10'6")
Unit : 1,000kg

Table with 12 columns: A(m), 3.0, 4.5, 6.0, 7.5, Max. Reach, and A(m). Rows include B(m) values from 7.5 to -4.5.

Table with 12 columns: A(ft), 10, 15, 20, 25, Max. Reach, and A(ft). Rows include B(ft) values from 25 to -15.

- 1. Lifting Capacities are in Compliance with ISO 10567
- 2. Loading Point is The End of The Arm.
- 3. Capacities Marked with an Asterisk (\*) are Limited by Hydraulic Capacities.
- 4. Lifting Capacities Shown Do Not Exceed 75% of Minimum Tipping Loads or 87% of Hydraulic Capacities.
- 5. The Least Stable Position is Over the Side.

OPTION 5

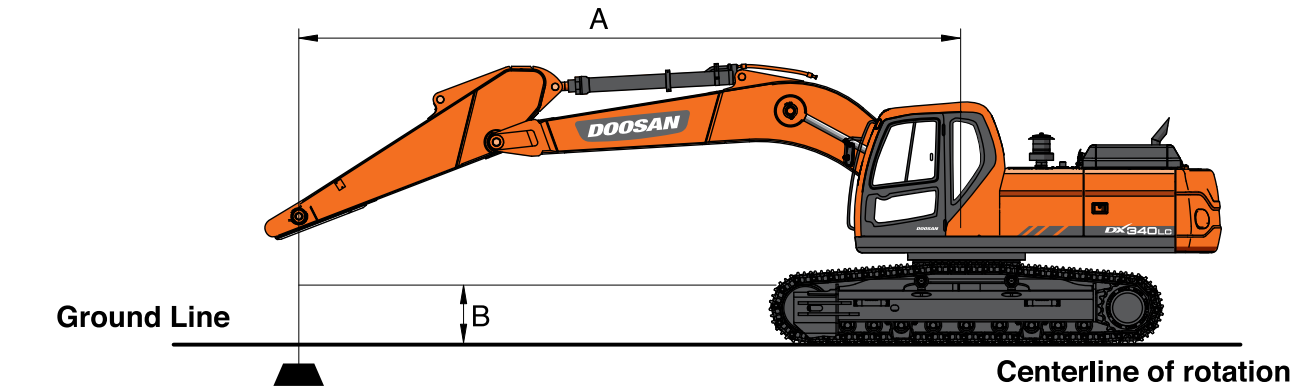
Metric
Boom : 6,500mm(21'4") Arm : 2,600mm(8'6") Bucket : Without Bucket Shoe : 600mm(24") Narrow Track : 3,000mm(9'8")
Unit : 1,000kg

Table with 12 columns: A(m), 3.0, 4.5, 6.0, 7.5, Max. Reach, and A(m). Rows include B(m) values from 7.5 to -4.5.

Table with 12 columns: A(ft), 10, 15, 20, 25, Max. Reach, and A(ft). Rows include B(ft) values from 25 to -15.

- 1. Lifting Capacities are in Compliance with ISO 10567
- 2. Loading Point is The End of The Arm.
- 3. Capacities Marked with an Asterisk (\*) are Limited by Hydraulic Capacities.
- 4. Lifting Capacities Shown Do Not Exceed 75% of Minimum Tipping Loads or 87% of Hydraulic Capacities.
- 5. The Least Stable Position is Over the Side.

LIFTING CAPACITY



OPTION 6

Metric
Boom : 6,200mm(20'4") Arm : 2,600mm(8'6") Bucket : Without Bucket Shoe : 600mm(24") Standard Track : 3,200mm(10'6")
Unit : 1,000kg

Table with 12 columns: A(m), 3.0, 4.5, 6.0, 7.5, Max. Reach, and A(m). Rows represent different boom heights (B(m)) from 7.5 to -4.5.

Table with 12 columns: A(ft), 10, 15, 20, 25, Max. Reach, and A(ft). Rows represent different boom heights (B(ft)) from 25 to -15.

- 1. Lifting Capacities are in Compliance with ISO 10567
- 2. Loading Point is The End of The Arm.
- 3. Capacities Marked with an Asterisk (\*) are Limited by Hydraulic Capacities.
- 4. Lifting Capacities Shown Do Not Exceed 75% of Minimum Tipping Loads or 87% of Hydraulic Capacities.
- 5. The Least Stable Position is Over the Side.

OPTION 7

Metric
Boom : 6,200mm(20'4") Arm : 2,600mm(8'6") Bucket : Without Bucket Shoe : 700mm(28") Standard Track : 3,200mm(10'6")
Unit : 1,000kg

Table with 12 columns: A(m), 3.0, 4.5, 6.0, 7.5, Max. Reach, and A(m). Rows represent different boom heights (B(m)) from 7.5 to -4.5.

Table with 12 columns: A(ft), 10, 15, 20, 25, Max. Reach, and A(ft). Rows represent different boom heights (B(ft)) from 25 to -15.

- 1. Lifting Capacities are in Compliance with ISO 10567
- 2. Loading Point is The End of The Arm.
- 3. Capacities Marked with an Asterisk (\*) are Limited by Hydraulic Capacities.
- 4. Lifting Capacities Shown Do Not Exceed 75% of Minimum Tipping Loads or 87% of Hydraulic Capacities.
- 5. The Least Stable Position is Over the Side.

OPTION 8

Metric
Boom : 6,200mm(20'4") Arm : 2,600mm(8'6") Bucket : Without Bucket Shoe : 600mm(24") Narrow Track : 3,000mm(9'8")
Unit : 1,000kg

Table with 12 columns: A(m), 3.0, 4.5, 6.0, 7.5, Max. Reach, and A(m). Rows represent different boom heights (B(m)) from 7.5 to -4.5.

Table with 12 columns: A(ft), 10, 15, 20, 25, Max. Reach, and A(ft). Rows represent different boom heights (B(ft)) from 25 to -15.

- 1. Lifting Capacities are in Compliance with ISO 10567
- 2. Loading Point is The End of The Arm.
- 3. Capacities Marked with an Asterisk (\*) are Limited by Hydraulic Capacities.
- 4. Lifting Capacities Shown Do Not Exceed 75% of Minimum Tipping Loads or 87% of Hydraulic Capacities.
- 5. The Least Stable Position is Over the Side.





**DX 480LC**



<b>Metric</b>	<b>Boom : 7,100mm(23'4")</b>	<b>Arm : 3,350mm(11')</b>	<b>Bucket : SAE 2.15m³ HEAPED(CECE 1.88m³)</b>	<b>Shoe : 600mm(2')</b>	<b>Unit : 1,000kg</b>
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**Feet** Unit : 1,000lb

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

<b>Metric</b>	Boom : 7,100mm(23'4")	Arm : 2,900mm(9'6")	Bucket : SAE 2.39m <sup>3</sup> HEAPED(CECE 2.09m <sup>3</sup> )	Shoe : 600mm(2')	Unit : 1,000kg
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Feet Unit : 1,000lb

<b>Metric</b>	<b>Boom : 7,100mm(23'4")</b>	<b>Arm : 3,980mm(11')</b>	<b>Bucket : SAE 1.80m<sup>3</sup> HEAPED(CECE 1.57m<sup>3</sup>)</b>	<b>Shoe : 600mm(2')</b>	<b>Unit : 1,000kg</b>
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Feet Unit : 1,000lb

A(ft) B(ft)	10'		15'		20'		25'		30'		Max. Reach		
													A(ft)
25									*19.06	17.44	*14.48	*14.48	31.17
20							*21.16	*21.16	*19.67	17.37	*14.72	13.95	33.45
15					*28.54	*28.54	*23.85	23.52	*21.06	17.05	*15.34	12.72	34.87
10			*48.08	*48.08	*33.88	32.65	*26.84	22.67	*22.71	16.62	*16.34	12.11	35.52
5			*39.74	*39.74	*38.17	31.21	*29.44	21.88	22.99	16.18	17.25	11.99	35.45
O(GROUND)			*40.58	*40.58	*40.48	30.30	30.50	21.30	22.63	15.85	17.80	12.37	34.66
-5	*26.83	*26.83	*52.25	48.28	*40.60	29.90	30.16	20.99	22.46	15.68	19.19	13.37	33.08
-10	*42.53	*42.53	*51.14	48.62	*38.47	29.93	*29.70	20.99	22.55	15.77	*21.67	15.29	30.60
-15	*59.24	*59.24	*43.96	*43.96	*33.47	30.36	*25	21.34			*21.55	19.03	26.97

LIFTING CAPACITY



Option 3 - Track width : 3,900mm(12'10")

Metric	Boom : 7,100mm(23'4")				Arm : 3,350mm(11')				Bucket : SAE 1.71m³ HEAPED(CECE 1.48m³)				Shoe : 600mm(2') Double Grouser				Unit : 1,000kg		
A(m)	2		3		4		5		6		7		8		9		Max. Reach		
B(m)																			A(m)
8													*9.35	*9.35			*7.81	*7.81	8.64
7													*9.55	*9.55	*9.31	7.84	*7.81	7.45	9.22
6											*10.80	*10.80	*10.01	9.76	*9.48	7.82	*7.91	6.77	9.65
5							*15.94	*15.94	*13.40	*13.40	*11.75	*11.75	*10.62	9.60	*9.83	7.74	*8.11	6.32	9.97
4							*18.50	*18.50	*14.99	*14.99	*12.80	11.81	*11.32	9.41	*10.27	7.63	*8.39	6.02	10.18
3							*20.75	*19.80	*16.47	14.76	*13.80	11.50	*12.00	9.21	*10.71	7.51	8.44	5.85	10.28
2							*22.26	19.18	*17.64	14.34	*14.65	11.22	*12.60	9.02	10.59	7.39	8.38	5.79	10.29
1							*20.93	18.82	*18.37	14.04	*15.25	11.00	12.74	8.87	10.48	7.29	8.47	5.85	10.19
O (Ground)					*10.30	*10.30	*22.95	18.66	*18.66	13.86	*15.55	10.85	12.62	8.76	10.40	7.21	8.73	6.02	10.00
-1			*9.18	*9.18	*15.45	*15.45	*22.45	18.63	*18.50	13.78	*15.50	10.77	12.56	8.69	10.36	7.18	9.18	6.35	9.69
-2	*12.12	*12.12	*14.98	*14.98	*21.44	*21.44	*21.50	18.69	*17.91	13.78	*15.07	10.75	12.55	8.69	10.38	7.19	9.90	6.86	9.27
-3	*17.56	*17.56	*21.15	*21.15	*23.95	*23.95	*20.04	18.84	*16.83	13.87	*14.16	10.81	*11.83	8.74			*10.08	7.66	8.71
-4			*25.18	*25.18	*21.27	*21.27	*17.95	*17.95	*15.11	14.03	*12.56	10.95					*9.93	8.94	7.98
-5			*20.49	*20.49	*17.59	*17.59	*14.93	*14.93	*12.38	*12.38	*9.54	*9.54					*9.43	*9.43	7.03

Feet

Unit : 1,000lb

A(ft) B(ft)	10'		15'		20'		25'		30'		Max. Reach		A(ft)
25							*20.90	*20.90			*17.19	*17.19	29.12
20							*22.51	*22.51	*20.74	16.72	*17.41	15.06	31.55
15			*41.67	*41.67	*30.55	*30.55	*25.02	22.85	*21.84	16.48	*18.11	13.60	33.05
10			*40.60	*40.60	*35.48	31.76	*27.72	22.05	22.99	16.10	18.62	12.90	33.73
5			*27.53	*27.53	*39.01	30.49	*29.89	21.35	22.60	15.74	18.53	12.79	33.65
O (GROUND)			*36.47	*36.47	*40.38	29.79	*30.15	20.88	22.33	15.48	19.24	13.28	32.80
-5	*27.42	*27.42	*52.71	48.08	*39.54	29.59	29.95	20.70	22.26	15.42	20.99	14.53	31.13
-10	*47.90	*47.90	*47.47	*47.47	*36.34	29.80	*27.86	20.83			*22.23	17.00	28.47
-15	*49.63	*49.63	*38.77	*38.77	*29.69	*26.69					*21.39	*21.39	24.51

Option 4 - Track width : 3,520mm(11'7")

Metric	Boom : 7,100mm(23'4")				Arm : 3,350mm(11')				Bucket : SAE 2.15m³ HEAPED(CECE 1.88m³)				Shoe : 600mm(2')				Unit : 1,000kg		
A(m)	2		3		4		5		6		7		8		9		Max. Reach		
B(m)																			A(m)
8													*9.52	8.73			*7.90	7.48	8.63
7													*9.73	8.73	*9.48	6.92	*7.90	6.58	9.21
6											*10.99	10.95	*10.20	8.65	*9.66	6.92	*8.02	5.98	9.65
5							*16.18	*16.18	*13.62	*13.62	*11.96	10.71	*10.82	8.51	*10.02	6.86	*8.22	5.57	9.97
4							*18.76	17.94	*15.23	13.40	*13.02	10.44	*11.53	8.33	*10.46	6.76	*8.52	5.30	10.18
3							*21.04	17.17	*16.73	12.95	*14.04	10.15	*12.22	8.15	*10.92	6.65	8.64	5.15	10.28
2							*22.56	16.59	*17.91	12.56	*14.90	9.89	*12.83	7.98	10.83	6.54	8.59	5.10	10.29
1							*20.91	16.25	*18.66	12.28	*15.51	9.69	13.03	7.84	10.73	6.44	8.68	5.15	10.20
O (Ground)					*10.32	*10.32	*23.14	16.09	*18.95	12.11	*15.82	9.54	12.91	7.73	10.65	6.37	8.94	5.31	10.00
-1			*9.22	*9.22	*15.44	*15.44	*22.78	16.06	*18.80	12.03	*15.78	9.47	12.84	7.67	10.61	6.34	9.40	5.60	9.70
-2	*12.18	*12.18	*15.00	*15.00	*21.40	*21.40	*21.83	16.12	*18.21	12.03	*15.35	9.45	12.83	7.66	10.62	6.35	10.13	6.05	9.27
-3	*17.58	*17.58	*21.14	*21.14	*24.32	*23.88	*20.38	16.26	*17.13	12.11	*14.44	9.50	*12.08	7.71			*10.31	6.76	8.72
-4			*25.62	*25.62	*21.65	*21.65	*18.30	16.47	*15.42	12.26	*12.84	9.63					*10.16	7.87	7.99
-5			*20.95	*20.95	*17.99	*17.99	*15.28	*15.28	*12.70	12.51	*9.84	*9.84					*9.68	*9.68	7.04

Feet

Unit : 1,000lb

A(ft) B(ft)	10'		15'		20'		25'		30'		Max. Reach		A(ft)
25							*21.28	21.12			*17.38	15.64	29.10
20							*22.93	20.83	*21.13	14.79	*17.64	13.29	31.54
15			*42.24	*42.24	*31.06	29.37	*25.48	20.23	*22.26	14.59	*18.38	12.00	33.04
10			*40.78	*40.78	*36.05	27.89	*28.22	19.51	23.50	14.25	19.07	11.37	33.72
5			*27.56	*27.56	*39.62	26.71	*30.43	18.86	23.13	13.92	18.99	11.27	33.65
O (GROUND)			*36.44	*36.44	*41.02	26.05	*30.81	18.42	22.87	13.68	19.71	11.70	32.81
-5	*27.48	*27.48	*53.47	41.12	*40.20	25.86	30.61	18.24	22.80	13.61	21.48	12.81	31.14
-10	*47.86	*47.86	*48.25	41.66	*37.01	26.04	*28.44	18.35			*22.72	14.99	28.49
-15	*50.62	*50.62	*39.57	*39.57	*30.37	26.63					*21.93	19.45	24.54

STANDARD AND OPTIONAL EQUIPMENT

\* STANDARD EQUIPMENT

•Hydraulic system

- Boom and arm flow regeneration
- Boom and arm holding valves
- Swing anti-rebound valves
- Spare ports(valve)
- One-touch power boost

•Cabin & Interior

- Viscous cab mounts
- All weather sound suppressed type cab
- Air conditioner
- Adjustable suspension seat with head rest and adjustable arm rest
- Pull-up type front window and removable lower front window
- Room light
- Intermittent windshield wiper
- Cigarette lighter and ashtray
- Cup holder
- Hot & Cool box
- LCD color monitor panel
- Fuel control dial
- AM/FM radio and cassette player
- Remote radio ON/OFF switch
- 12V spare powers socket
- Serial communication port for laptop PC interface
- Joystick lever with 3 switches
- Sunvisor
- Sun roof

•Safety

- Large handrails and step
- Punched metal anti-slip plates
- Seat belt
- Hydraulic safety lock lever
- Safety glass
- Hammer for emergency escape
- Right and left rearview mirrors
- Travel alarm

•Others

- Double element air cleaner
- Pre-cleaner
- Water separator
- Dust screen for radiator/oil cooler
- Engine overheat prevention system
- Engine restart prevention system
- Self-diagnostic system
- Alternator(24V, 50 amps)
- Electric horn
- Halogen working lights(frame mounted 2, boom mounted 4, cabin mounted 2 )
- Hydraulic track adjuster
- Track guards
- Double fuel filter
- Greased and sealed track link

\* OPTIONAL EQUIPMENT

Some of there optional equipments may be standard in some markets. Some of these optional equipments cannot be available on some markets. You must check with the local DOOSAN dealer to know about the availability or to release the adaptation following the needs of the applications.

•Safety

- Boom and arm hose rupture protection valve
- Overload warning device
- Cabin Top/Frount guard(ISO 10262, FOGS standard)
- Travel & swing alarm
- Rotation beacon

•Others

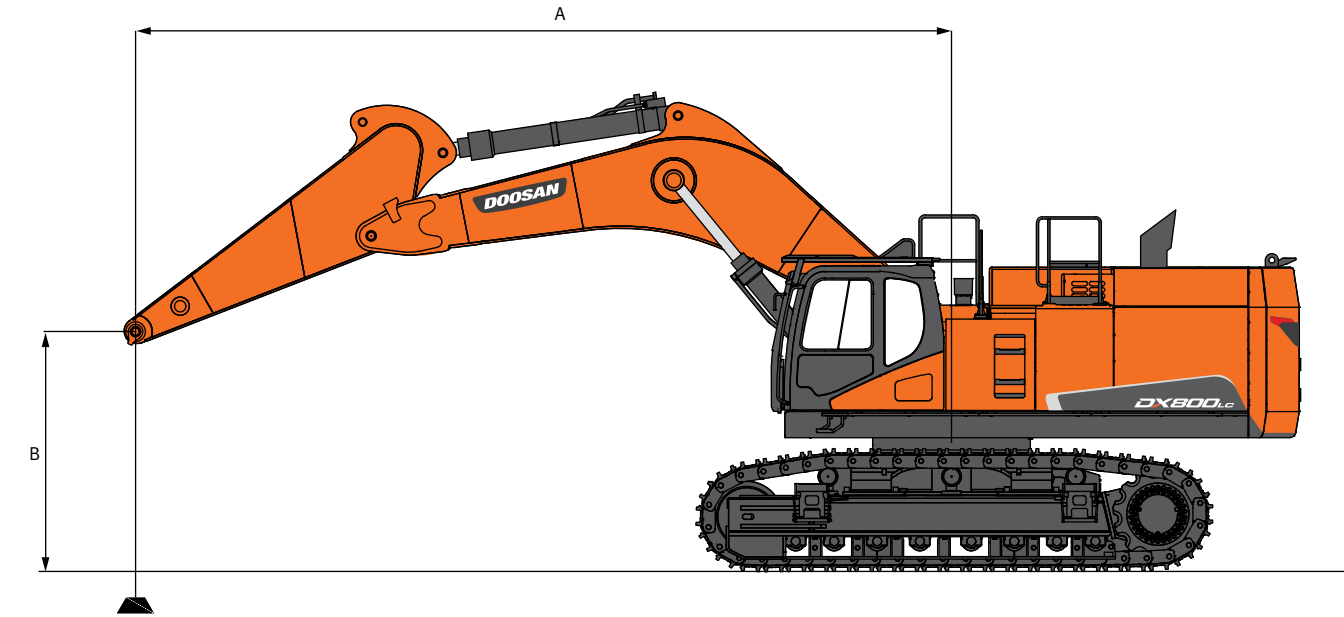
- Piping for crusher
- Piping for quick clamp
- Breaker filter
- 750mm/800mm/900mm shoe
- Full track guards
- Lower wiper
- Fuel heater
- Double grouser shoe

•Cabin & Interior

- Air suspension seat
- MP3/CD player

LIFTING CAPACITY

DX800LC-6B



STANDARD

Metric Boom : 6,650 mm (21’ 8”) Arm : 2,600 mm (8’ 5”) Shoe : 650 mm (2’ 1”) Counter Weight : 10,700 kg (23,589 lb) Unit : 1,000kg

A(m) B(m)	3		4.5		6		7.5		9		Max. Reach		A(m)
9											18.29 *	18.29 *	6.49
7.5							18.76 *	18.76 *			17.03 *	17.03 *	7.70
6					21.80 *	21.80 *					16.68 *	16.12	8.48
4.5					24.37 *	24.37 *	20.25 *	19.13			16.94 *	14.55	8.93
3					26.80 *	25.62	21.44 *	18.46	18.29 *	14.1	17.76 *	13.82	9.12
1.5					28.12 *	24.71	22.18 *	17.93	18.29 *	13.86	18.15 *	13.73	9.06
0					27.92 *	24.28	22.02 *	17.63			18.18 *	14.33	8.74
-1.5			33.18 *	33.18 *	26.07 *	24.26	20.38 *	17.63			17.98 *	15.87	8.12
-3	32.74 *	32.74 *	27.71 *	27.71 *	21.94 *	21.94 *					17.07 *	17.07 *	7.14
-4.5			18.13 *	18.13 *							14.20 *	14.20 *	5.56

Feet Unit : 1,000lb

A(ft) B(ft)	10		15		20		25		30		Max. Reach		A(ft)
30											40.32 *	40.32 *	21.30
25							41.36 *	41.36 *			37.54 *	37.54 *	25.26
20					48.07 *	48.07 *	42.19 *	42.19 *			36.78 *	35.55	27.81
15					53.72 *	53.72 *	44.65 *	42.17			37.34 *	32.08	29.31
10					59.08 *	56.47	47.28 *	40.7	40.32 *	31.09	39.15 *	30.46	29.93
5					61.99 *	54.48	48.91 *	39.52	40.33 *	30.55	40.01 *	30.28	29.72
0					61.56 *	53.54	48.53 *	38.86			40.07 *	31.59	28.66
-5			73.16 *	73.16 *	57.47 *	53.49	44.93 *	38.86			39.63 *	35	26.65
-10	72.18 *	72.18 *	61.09 *	61.09 *	48.36 *	48.36 *					37.64 *	37.64 *	23.43
-15			39.96 *	39.96 *							31.32 *	31.32 *	18.23

1. Load point is the end of the arm.

2. Capacities marked with an asterisk (\*) are limited by hydraulic capacities.

3. Lift capacities shown do not exceed 75 % of minimum tipping loads or 87 % of hydraulic capacities.

4. The least stable position is over the side.

5. Lift capacities apply only to the machine as originally manufactured and normally equipped by the manufacturer.

6. Lift capacities are in compliance with iso 10567.
- : Rating Over Front: Rating Over Side or 360 Degree

OPTION 1

Metric Boom : 6,650 mm (21’ 8”) Arm : 2,600 mm (8’ 5”) Shoe : 750 mm (2’ 5”) Counter Weight : 10,700 kg (23,589 lb) Unit : 1,000kg

A(m) B(m)	3		4.5		6		7.5		9		Max. Reach		A(m)
9											18.29 *	18.29 *	6.49
7.5							18.76 *	18.76 *			17.03 *	17.03 *	7.70
6					21.80 *	21.80 *	19.14 *	19.14 *			16.68 *	16.3	8.48
4.5					24.37 *	24.37 *	20.25 *	19.34			16.94 *	14.72	8.93
3					26.80 *	25.9	21.44 *	18.67	18.29 *	14.27	17.76 *	13.98	9.12
1.5					28.12 *	24.99	22.18 *	18.13	18.29 *	14.02	18.15 *	13.9	9.06
0					27.92 *	24.57	22.02 *	17.83			18.18 *	14.5	8.74
-1.5			33.18 *	33.18 *	26.07 *	24.54	20.38 *	17.83			17.98 *	16.06	8.12
-3	32.74 *	32.74 *	27.71 *	27.71 *	21.94 *	21.94 *					17.07 *	17.07 *	7.14
-4.5			18.13 *	18.13 *							14.20 *	14.20 *	5.56

Feet Unit : 1,000lb

A(ft) B(ft)	10		15		20		25		30		Max. Reach		A(ft)
30											40.32 *	40.32 *	21.30
25							41.36 *	41.36 *			37.54 *	37.54 *	25.26
20					48.07 *	48.07 *	42.19 *	42.19 *			36.78 *	35.94	27.81
15					53.72 *	53.72 *	44.65 *	42.63			37.34 *	32.44	29.31
10					59.08 *	57.1	47.28 *	41.16	40.32 *	31.45	39.15 *	30.81	29.93
5					61.99 *	55.1	48.91 *	39.98	40.33 *	30.91	40.01 *	30.64	29.72
0					61.56 *	54.16	48.53 *	39.32			40.07 *	31.96	28.66
-5			73.16 *	73.16 *	57.47 *	54.11	44.93 *	39.31			39.63 *	35.41	26.65
-10	72.18 *	72.18 *	61.09 *	61.09 *	48.36 *	48.36 *					37.64 *	37.64 *	23.43
-15			39.96 *	39.96 *							31.32 *	31.32 *	18.23

1. Load point is the end of the arm.

2. Capacities marked with an asterisk (\*) are limited by hydraulic capacities.

3. Lift capacities shown do not exceed 75 % of minimum tipping loads or 87 % of hydraulic capacities.

4. The least stable position is over the side.

5. Lift capacities apply only to the machine as originally manufactured and normally equipped by the manufacturer

6. Lift capacities are in compliance with iso 10567.
- : Rating Over Front: Rating Over Side or 360 Degree

OPTION 2

Metric Boom : 6,650 mm (21’ 8”) Arm : 2,600 mm (8’ 5”) Shoe : 900 mm (3’) Counter Weight : 10,700 kg (23,589 lb) Unit : 1,000kg

A(m) B(m)	3		4.5		6		7.5		9		Max. Reach		A(m)
9											18.29 *	18.29 *	6.49
7.5							18.76 *	18.76 *			17.03 *	17.03 *	7.70
6					21.80 *	21.80 *	19.14 *	19.14 *			16.68 *	16.43	8.48
4.5					24.37 *	24.37 *	20.25 *	19.49			16.94 *	14.84	8.93
3					26.80 *	26.11	21.44 *	18.83	18.29 *	14.39	17.76 *	14.1	9.12
1.5					28.12 *	25.2	22.18 *	18.29	18.29 *	14.15	18.15 *	14.02	9.06
0					27.92 *	24.78	22.02 *	17.99			18.18 *	14.63	8.74
-1.5			33.18 *	33.18 *	26.07 *	24.75	20.38 *	17.99			17.98 *	16.2	8.12
-3	32.74 *	32.74 *	27.71 *	27.71 *	21.94 *	21.94 *					17.07 *	17.07 *	7.14
-4.5			18.13 *	18.13 *							14.20 *	14.20 *	5.56

Feet Unit : 1,000lb

A(ft) B(ft)	10		15		20		25		30		Max. Reach		A(ft)
30 ft											40.32 *	40.32 *	21.30
25 ft							41.36 *	41.36 *			37.54 *	37.54 *	25.26
20 ft					48.07 *	48.07 *	42.19 *	42.19 *			36.78 *	36.23	27.81
15 ft					53.72 *	53.72 *	44.65 *	42.97			37.34 *	32.72	29.31
10 ft					59.08 *	57.56	47.28 *	41.5	40.32 *	31.73	39.15 *	31.08	29.93
5 ft					61.99 *	55.57	48.91 *	40.32	40.33 *	31.19	40.01 *	30.91	29.72
0 ft					61.56 *	54.63	48.53 *	39.66			40.07 *	32.24	28.66
-5 ft			73.16 *	73.16 *	57.47 *	54.57	44.93 *	39.66			39.63 *	35.72	26.65
-10 ft	72.18 *	72.18 *	61.09 *	61.09 *	48.36 *	48.36 *					37.64 *	37.64 *	23.43
-15 ft			39.96 *	39.96 *							31.32 *	31.32 *	18.23

1. Load point is the end of the arm.

2. Capacities marked with an asterisk (\*) are limited by hydraulic capacities.

3. Lift capacities shown do not exceed 75 % of minimum tipping loads or 87 % of hydraulic capacities.

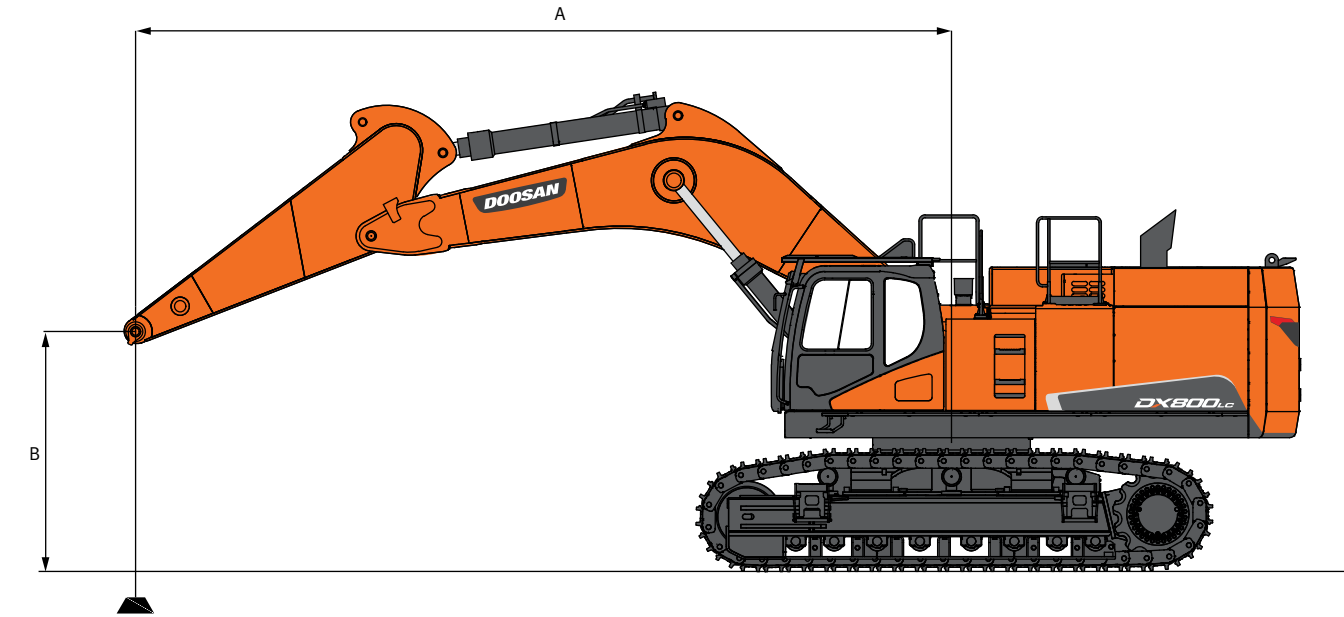
4. The least stable position is over the side.

5. Lift capacities apply only to the machine as originally manufactured and normally equipped by the manufacturer.

6. Lift capacities are in compliance with iso 10567.
- : Rating Over Front: Rating Over Side or 360 Degree

LIFTING CAPACITY

DX800LC-6B



OPTION 3

Metric
Boom : 6,650 mm (21' 8") Arm : 2,900 mm (9' 5") Shoe : 650 mm (2' 1") Counter Weight : 10,700 kg (23,589 lb)
Unit : 1,000kg

Table with 14 columns: A(m), 3, 4.5, 6, 7.5, 9, Max. Reach, and A(m). Rows represent different boom heights (B(m)) from 9m down to -4.5m.

Feet
Unit : 1,000lb

Table with 14 columns: A(ft), 10, 15, 20, 25, 30, Max. Reach, and A(ft). Rows represent different boom heights (B(ft)) from 30 ft down to -15 ft.

- 1. Load point is the end of the arm.
- 2. Capacities marked with an asterisk (\*) are limited by hydraulic capacities.
- 3. Lift capacities shown do not exceed 75 % of minimum tipping loads or 87 % of hydraulic capacities.
- 4. The least stable position is over the side.
- 5. Lift capacities apply only to the machine as originally manufactured and normally equipped by the manufacturer.
- 6. Lift capacities are in compliance with iso 10567.

OPTION 4

Metric
Boom : 6,650 mm (21' 8") Arm : 2,900 mm (9' 5") Shoe : 750 mm (2' 5") Counter Weight : 10,700 kg (23,589 lb)
Unit : 1,000kg

Table with 14 columns: A(m), 3, 4.5, 6, 7.5, 9, Max. Reach, and A(m). Rows represent different boom heights (B(m)) from 9m down to -4.5m.

Feet
Unit : 1,000lb

Table with 14 columns: A(ft), 10, 15, 20, 25, 30, Max. Reach, and A(ft). Rows represent different boom heights (B(ft)) from 30 ft down to -15 ft.

- 1. Load point is the end of the arm.
- 2. Capacities marked with an asterisk (\*) are limited by hydraulic capacities.
- 3. Lift capacities shown do not exceed 75 % of minimum tipping loads or 87 % of hydraulic capacities.
- 4. The least stable position is over the side.
- 5. Lift capacities apply only to the machine as originally manufactured and normally equipped by the manufacturer.
- 6. Lift capacities are in compliance with iso 10567.

OPTION 5

Metric
Boom : 6,650 mm (21' 8") Arm : 2,900 mm (9' 5") Shoe : 900 mm (3') Counter Weight : 10,700 kg (23,589 lb)
Unit : 1,000kg

Table with 14 columns: A(m), 3, 4.5, 6, 7.5, 9, Max. Reach, and A(m). Rows represent different boom heights (B(m)) from 9m down to -4.5m.

Feet
Unit : 1,000lb

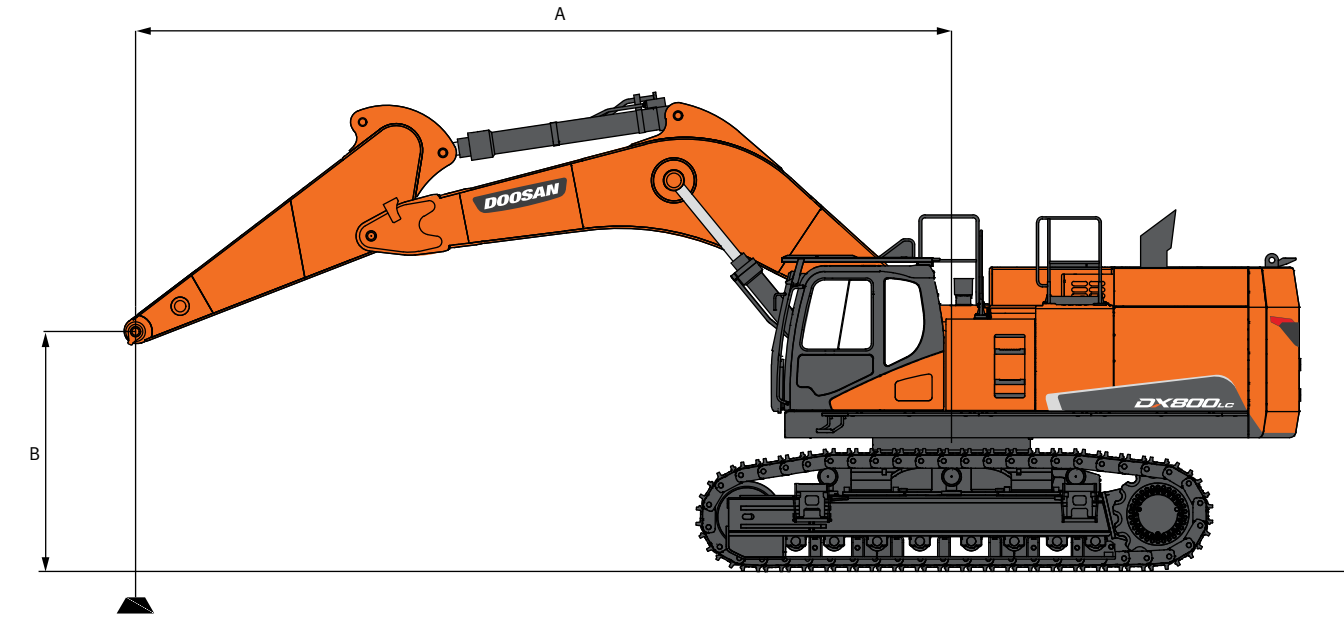
Table with 14 columns: A(ft), 10, 15, 20, 25, 30, Max. Reach, and A(ft). Rows represent different boom heights (B(ft)) from 30 ft down to -15 ft.

- 1. Load point is the end of the arm.
- 2. Capacities marked with an asterisk (\*) are limited by hydraulic capacities.
- 3. Lift capacities shown do not exceed 75 % of minimum tipping loads or 87 % of hydraulic capacities.
- 4. The least stable position is over the side.
- 5. Lift capacities apply only to the machine as originally manufactured and normally equipped by the manufacturer.
- 6. Lift capacities are in compliance with iso 10567.



LIFTING CAPACITY

DX800LC-6B



OPTION 6

Metric Boom : 7,700 mm (25’ 3 ”) Arm : 2,900 mm (9’ 5”) Shoe : 650 mm (2’ 1”) Counter Weight : 10,700 kg (23,589 lb) Unit : 1,000kg

A(m)	3		4.5		6		7.5		9		10.5		Max. Reach		
B(m)															A(m)
9							16.17 *	16.17 *					15.97 *	15.97 *	8.35
7.5							16.55 *	16.55 *	15.39 *	14.72			15.32 *	13.8	9.32
6					21.04 *	21.04 *	17.65 *	17.65 *	15.69 *	14.44			15.00 *	12.15	9.97
4.5					23.85 *	23.85 *	19.06 *	18.41	16.35 *	14			14.85 *	11.2	10.36
3							20.36 *	17.59	17.02 *	13.55	14.83 *	10.77	14.79 *	10.73	10.53
1.5							21.14 *	16.99	17.43 *	13.18			14.77 *	10.66	10.47
0					26.61 *	22.99	21.15 *	16.66	17.32 *	12.96			14.72 *	10.99	10.19
-1.5					25.10 *	23.01	20.25 *	16.59	16.37 *	12.94			14.53 *	11.83	9.67
-3	28.71 *	28.71 *	26.83 *	26.83 *	22.38 *	22.38 *	18.12 *	16.79					13.99 *	13.49	8.87
-4.5			21.17 *	21.17 *	17.82 *	17.82 *	13.45 *	13.45 *					12.58 *	12.58 *	7.69

A(ft)	10		15		20		25		30		35		Max. Reach		
B(ft)															A(ft)
30							35.64 *	35.64 *					35.20 *	35.20 *	27.40
25							36.48 *	36.48 *	33.92 *	32.45			33.77 *	30.43	30.58
20					46.39 *	46.39 *	38.91 *	38.91 *	34.60 *	31.84			33.06 *	26.78	32.71
15					52.57 *	52.57 *	42.02 *	40.58	36.05 *	30.87			32.73 *	24.69	34.00
10							44.88 *	38.79	37.52 *	29.86	32.69 *	23.75	32.61 *	23.66	34.53
5							46.60 *	37.46	38.42 *	29.05			32.57 *	23.5	34.35
0					58.67 *	50.68	46.63 *	36.74	38.18 *	28.57			32.45 *	24.23	33.44
-5					55.33 *	50.73	44.65 *	36.58	36.09 *	28.54			32.03 *	26.09	31.73
-10	63.30 *	63.30 *	59.14 *	59.14 *	49.34 *	49.34 *	39.94 *	37.02					30.84 *	29.74	29.11
-15			46.66 *	46.66 *	39.28 *	39.28 *	29.64 *	29.64 *					27.73 *	27.73 *	25.24

1. Load point is the end of the arm.

2. Capacities marked with an asterisk (\*) are limited by hydraulic capacities.

3. Lift capacities shown do not exceed 75 % of minimum tipping loads or 87 % of hydraulic capacities.

4. The least stable position is over the side.

5. Lift capacities apply only to the machine as originally manufactured and normally equipped by the manufacturer.

6. Lift capacities are in compliance with iso 10567.
- : Rating Over Front: Rating Over Side or 360 Degree

OPTION 7

Metric Boom : 7,700 mm (25’ 3 ”) Arm : 2,900 mm (9’ 5”) Shoe : 750 mm (2’ 5”) Counter Weight : 10,700 kg (23,589 lb) Unit : 1,000kg

A(m)	3		4.5		6		7.5		9		10.5		Max. Reach		
B(m)															A(m)
9							16.17 *	16.17 *					15.97 *	15.97 *	8.35
7.5							16.55 *	16.55 *	15.39 *	14.88			15.32 *	13.96	9.32
6					21.04 *	21.04 *	17.65 *	17.65 *	15.69 *	14.61			15.00 *	12.29	9.97
4.5					23.85 *	23.85 *	19.06 *	18.61	16.35 *	14.17			14.85 *	11.34	10.36
3							20.36 *	17.8	17.02 *	13.71	14.83 *	10.91	14.79 *	10.87	10.53
1.5							21.14 *	17.2	17.43 *	13.34			14.77 *	10.79	10.47
0					26.61 *	23.27	21.15 *	16.87	17.32 *	13.12			14.72 *	11.13	10.19
-1.5					25.10 *	23.29	20.25 *	16.8	16.37 *	13.11			14.53 *	11.98	9.67
-3	28.71 *	28.71 *	26.83 *	26.83 *	22.38 *	22.38 *	18.12 *	17					13.99 *	13.66	8.87
-4.5			21.17 *	21.17 *	17.82 *	17.82 *	13.45 *	13.45 *					12.58 *	12.58 *	7.69

A(ft)	10		15		20		25		30		35		Max. Reach		
B(ft)															A(ft)
30							35.64 *	35.64 *					35.20 *	35.20 *	27.40
25							36.48 *	36.48 *	33.92 *	32.81			33.77 *	30.78	30.58
20					46.39 *	46.39 *	38.91 *	38.91 *	34.60 *	32.21			33.06 *	27.1	32.71
15					52.57 *	52.57 *	42.02 *	41.03	36.05 *	31.23			32.73 *	24.99	34.00
10							44.88 *	39.24	37.52 *	30.22	32.69 *	24.05	32.61 *	23.96	34.53
5							46.60 *	37.92	38.42 *	29.41			32.57 *	23.8	34.35
0					58.67 *	51.3	46.63 *	37.19	38.18 *	28.93			32.45 *	24.54	33.44
-5					55.33 *	51.35	44.65 *	37.04	36.09 *	28.9			32.03 *	26.42	31.73
-10	63.30 *	63.30 *	59.14 *	59.14 *	49.34 *	49.34 *	39.94 *	37.47					30.84 *	30.11	29.11
-15			46.66 *	46.66 *	39.28 *	39.28 *	29.64 *	29.64 *					27.73 *	27.73 *	25.24

1. Load point is the end of the arm.

2. Capacities marked with an asterisk (\*) are limited by hydraulic capacities.

3. Lift capacities shown do not exceed 75 % of minimum tipping loads or 87 % of hydraulic capacities.

4. The least stable position is over the side.

5. Lift capacities apply only to the machine as originally manufactured and normally equipped by the manufacturer.

6. Lift capacities are in compliance with iso 10567.
- : Rating Over Front: Rating Over Side or 360 Degree

OPTION 8

Metric Boom : 7,700 mm (25’ 3 ”) Arm : 2,900 mm (9’ 5”) Shoe : 900 mm (3’) Counter Weight : 10,700 kg (23,589 lb) Unit : 1,000kg

A(m)	3		4.5		6		7.5		9		10.5		Max. Reach		
B(m)															A(m)
9							16.17 *	16.17 *					15.97 *	15.97 *	8.35
7.5							16.55 *	16.55 *	15.39 *	15.01			15.32 *	14.08	9.32
6					21.04 *	21.04 *	17.65 *	17.65 *	15.69 *	14.73			15.00 *	12.4	9.97
4.5					23.85 *	23.85 *	19.06 *	18.77	16.35 *	14.29			14.85 *	11.44	10.36
3							20.36 *	17.96	17.02 *	13.83	14.83 *	11.01	14.79 *	10.97	10.53
1.5							21.14 *	17.36	17.43 *	13.46			14.77 *	10.9	10.47
0					26.61 *	23.48	21.15 *	17.03	17.32 *	13.25			14.72 *	11.24	10.19
-1.5					25.10 *	23.5	20.25 *	16.96	16.37 *	13.23			14.53 *	12.1	9.67
-3	28.71 *	28.71 *	26.83 *	26.83 *	22.38 *	22.38 *	18.12 *	17.15					13.99 *	13.78	8.87
-4.5			21.17 *	21.17 *	17.82 *	17.82 *	13.45 *	13.45 *					12.58 *	12.58 *	7.69

A(ft)	10		15		20		25		30		35		Max. Reach		
B(ft)															A(ft)
30							35.64 *	35.64 *					35.20 *	35.20 *	27.40
25							36.48 *	36.48 *	33.92 *	33.09			33.77 *	31.04	30.58
20					46.39 *	46.39 *	38.91 *	38.91 *	34.60 *	32.48			33.06 *	27.34	32.71
15					52.57 *	52.57 *	42.02 *	41.38	36.05 *	31.5			32.73 *	25.22	34.00
10							44.88 *	39.59	37.52 *	30.5	32.69 *	24.27	32.61 *	24.18	34.53
5							46.60 *	38.26	38.42 *	29.68			32.57 *	24.02	34.35
0					58.67 *	51.77	46.63 *	37.54	38.18 *	29.21			32.45 *	24.77	33.44
-5					55.33 *	51.82	44.65 *	37.39	36.09 *	29.17			32.03 *	26.67	31.73
-10	63.30 *	63.30 *	59.14 *	59.14 *	49.34 *	49.34 *	39.94 *	37.82					30.84 *	30.39	29.11
-15			46.66 *	46.66 *	39.28 *	39.28 *	29.64 *	29.64 *					27.73 *	27.73 *	25.24

1. Load point is the end of the arm.

2. Capacities marked with an asterisk (\*) are limited by hydraulic capacities.

3. Lift capacities shown do not exceed 75 % of minimum tipping loads or 87 % of hydraulic capacities.

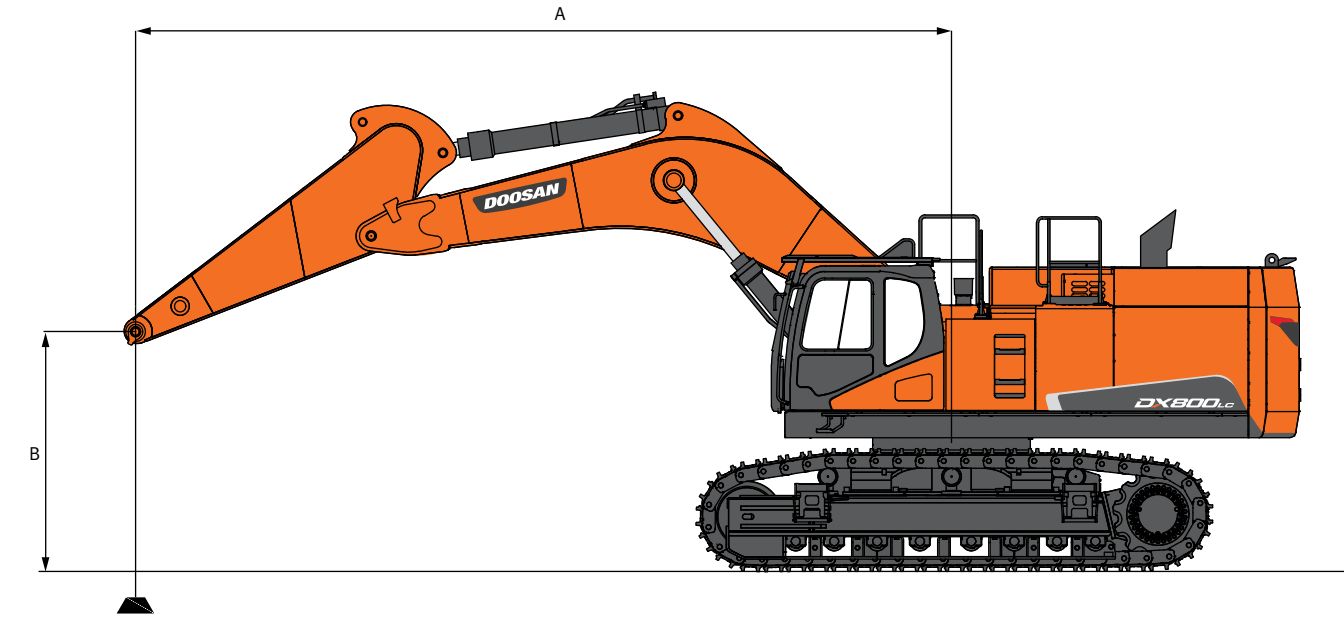
4. The least stable position is over the side.

5. Lift capacities apply only to the machine as originally manufactured and normally equipped by the manufacturer.

6. Lift capacities are in compliance with iso 10567.
- : Rating Over Front: Rating Over Side or 360 Degree

LIFTING CAPACITY

DX800LC-6B



OPTION 9

Metric Boom : 7,700 mm (25' 3 ") Arm : 3,550 mm (11' 6") Shoe : 650 mm (2' 1") Counter Weight : 10,700 kg (23,589 lb) Unit : 1,000kg

B(m)	A(m)		3		4.5		6		7.5		9		10.5		Max. Reach		A(m)
10.5															13.18 *	13.18 *	7.73
9											12.49 *	12.49 *			12.18 *	12.18 *	9.03
7.5											14.43 *	14.43 *			11.73 *	11.73 *	9.93
6									16.75 *	16.75 *	14.7	14.97 *	12.25 *	11.33	11.64 *	11.24	10.54
4.5							22.64 *	22.64 *	18.31 *	18.31 *	15.78 *	14.23	14.19 *	11.13	11.83 *	10.43	10.91
3							25.29 *	24.76	19.82 *	17.92	16.62 *	13.73	14.53 *	10.88	12.28 *	10.01	11.07
1.5							26.82 *	23.69	20.89 *	17.23	17.24 *	13.3	14.73 *	10.65	13.06 *	9.93	11.01
0							27.03 *	23.17	21.26 *	16.79	17.42 *	13.01	14.52 *	10.51	14.01 *	10.18	10.75
-1.5					30.83 *	30.83 *	26.05 *	23.03	20.78 *	16.61	16.92 *	12.9			13.99 *	10.85	10.26
-3	29.91 *	29.91 *			29.76 *	29.76 *	23.90 *	23.19	19.23 *	16.69	15.27 *	13.01			13.76 *	12.15	9.51
-4.5	29.28 *	29.28 *			24.71 *	24.71 *	20.20 *	20.20 *	15.99 *	15.99 *					13.01 *	13.01 *	8.42
-6					16.88 *	16.88 *	13.59 *	13.59 *							10.81 *	10.81 *	6.84

B(ft)	A(ft)		10		15		20		25		30		35		Max. Reach		A(ft)
35															29.05 *	29.05 *	25.38
30											27.54 *	27.54 *			26.84 *	26.84 *	29.63
25											31.81 *	31.81 *			25.87 *	25.87 *	32.59
20											36.93 *	36.93 *	33.00 *	32.41	27.01 *	24.97	34.59
15									49.91 *	49.91 *	40.37 *	40.37 *	34.80 *	31.36	31.28 *	24.55	35.81
10									55.75 *	54.59	43.69 *	39.51	36.65 *	30.26	32.04 *	23.98	36.31
5									59.13 *	52.23	46.06 *	37.98	38.01 *	29.32	32.48 *	23.47	36.13
0									59.59 *	51.07	46.88 *	37.02	38.40 *	28.68	32.01 *	23.16	35.27
-5					67.96 *	67.96 *	57.44 *	50.78	45.81 *	36.63	37.29 *	28.43			30.84 *	23.91	33.66
-10	65.94 *	65.94 *			65.60 *	65.60 *	52.70 *	51.13	42.39 *	36.79	33.67 *	28.67			30.33 *	26.79	31.19
-15	64.55 *	64.55 *			54.47 *	54.47 *	44.52 *	44.52 *	35.26 *	35.26 *					28.67 *	28.67 *	27.63
-20					37.21 *	37.21 *	29.97 *	29.97 *							23.83 *	23.83 *	22.44

1. Load point is the end of the arm.
2. Capacities marked with an asterisk (\*) are limited by hydraulic capacities.
3. Lift capacities shown do not exceed 75 % of minimum tipping loads or 87 % of hydraulic capacities.
4. The least stable position is over the side.
5. Lift capacities apply only to the machine as originally manufactured and normally equipped by the manufacturer.
6. Lift capacities are in compliance with iso 10567.
- : Rating Over Front
- : Rating Over Side or 360 Degree

OPTION 10

Metric Boom : 7,700 mm (25' 3 ") Arm : 3,550 mm (11' 6") Shoe : 750 mm (2' 5") Counter Weight : 10,700 kg (23,589 lb) Unit : 1,000kg

B(m)	A(m)		3		4.5		6		7.5		9		10.5		Max. Reach		A(m)
10.5															13.18 *	13.18 *	7.73
9											12.49 *	12.49 *			12.18 *	12.18 *	9.03
7.5											14.43 *	14.43 *			11.73 *	11.73 *	9.93
6									16.75 *	16.75 *	14.97 *	14.87	12.25 *	11.46	11.64 *	11.38	10.54
4.5							22.64 *	22.64 *	18.31 *	18.31 *	15.78 *	14.39	14.19 *	11.27	11.83 *	10.56	10.91
3							25.29 *	25.04	19.82 *	18.13	16.62 *	13.89	14.53 *	11.01	12.28 *	10.14	11.07
1.5							26.82 *	23.97	20.89 *	17.44	17.24 *	13.47	14.73 *	10.78	13.06 *	10.05	11.01
0							27.03 *	23.45	21.26 *	17	17.42 *	13.17	14.52 *	10.64	14.01 *	10.31	10.75
-1.5					30.83 *	30.83 *	26.05 *	23.31	20.78 *	16.82	16.92 *	13.06			13.99 *	10.99	10.26
-3	29.91 *	29.91 *			29.76 *	29.76 *	23.90 *	23.47	19.23 *	16.89	15.27 *	13.17			13.76 *	12.3	9.51
-4.5	29.28 *	29.28 *			24.71 *	24.71 *	20.20 *	20.20 *	15.99 *	15.99 *					13.01 *	13.01 *	8.42
-6					16.88 *	16.88 *	13.59 *	13.59 *							10.81 *	10.81 *	6.84

















B(ft)	A(ft)		10		15		20		25		30		35		Max. Reach		A(ft)
35 ft															29.05 *	29.05 *	25.38
30 ft											27.54 *	27.54 *			26.84 *	26.84 *	29.63
25 ft											31.81 *	31.81 *			25.87 *	25.87 *	32.59
20 ft											36.93 *	36.93 *	33.00 *	32.77	27.01 *	25.27	34.59
15 ft									49.91 *	49.91 *	40.37 *	40.37 *	34.80 *	31.72	31.28 *	24.84	35.81
10 ft									55.75 *	55.21	43.69 *	39.96	36.65 *	30.63	32.04 *	24.28	36.31
5 ft									59.13 *	52.85	46.06 *	38.44	38.01 *	29.69	32.48 *	23.77	36.13
0 ft									59.59 *	51.69	46.88 *	37.48	38.40 *	29.04	32.01 *	23.46	35.27
-5 ft					67.96 *	67.96 *	57.44 *	51.4	45.81 *	37.09	37.29 *	28.79			30.84 *	24.22	33.66
-10 ft	65.94 *	65.94 *			65.60 *	65.60 *	52.70 *	51.75	42.39 *	37.24	33.67 *	29.04			30.33 *	27.13	31.19
-15 ft	64.55 *	64.55 *			54.47 *	54.47 *	44.52 *	44.52 *	35.26 *	35.26 *					28.67 *	28.67 *	27.63
-20 ft					37.21 *	37.21 *	29.97 *	29.97 *							23.83 *	23.83 *	22.44

1. Load point is the end of the arm.
2. Capacities marked with an asterisk (\*) are limited by hydraulic capacities.
3. Lift capacities shown do not exceed 75 % of minimum tipping loads or 87 % of hydraulic capacities.
4. The least stable position is over the side.
5. Lift capacities apply only to the machine as originally manufactured and normally equipped by the manufacturer.
6. Lift capacities are in compliance with iso 10567.
- : Rating Over Front
- : Rating Over Side or 360 Degree

OPTION 11

Metric Boom : 7,700 mm (25' 3 ") Arm : 3,550 mm (11' 6") Shoe : 900 mm (3') Counter Weight : 10,700 kg (23,589 lb) Unit : 1,000kg

B(m)	A(m)		3		4.5		6		7.5		9		10.5		Max. Reach		A(m)
10.5															13.18 *	13.18 *	7.73
9											12.49 *	12.49 *			12.18 *	12.18 *	9.03
7.5											14.43 *	14.43 *			11.73 *	11.73 *	9.93
6									16.75 *	16.75 *	14.97 *	14.97 *	12.25 *	11.56	11.64 *	11.48	10.54
4.5							22.64 *	22.64 *	18.31 *	18.31 *	15.78 *	14.51	14.19 *	11.37	11.83 *	10.65	10.91
3							25.29 *	25.25	19.82 *	18.28	16.62 *	14.02	14.53 *	11.11	12.28 *	10.23	11.07
1.5							26.82 *	24.19	20.89 *	17.59	17.24 *	13.59	14.73 *	10.88	13.06 *	10.15	11.01
0							27.03 *	23.66	21.26 *	17.16	17.42 *	13.3	14.52 *	10.74	14.01 *	10.41	10.75
-1.5					30.83 *	30.83 *	26.05 *	23.53	20.78 *	16.98	16.92 *	13.18			13.99 *	11.09	10.26
-3	29.91 *	29.91 *			29.76 *	29.76 *	23.90 *	23.68	19.23 *	17.05	15.27 *	13.29			13.76 *	12.42	9.51
-4.5	29.28 *	29.28 *			24.71 *	24.71 *	20.20 *	20.20 *	15.99 *	15.99 *					13.01 *	13.01 *	8.42
-6					16.88 *	16.88 *	13.59 *	13.59 *							10.81 *	10.81 *	6.84

Feet														Unit : 1,000lb				
B(ft)	A(ft)		10		15		20		25		30		35		Max. Reach		A(ft)	
																		
35																29.05 *	29.05 *	25.38
30											27.54 *	27.54 *				26.84 *	26.84 *	29.63
25											31.81 *	31.81 *				25.87 *	25.87 *	32.59
20																		34.59
15									36.93 *	36.93 *								35.81
10					49.91 *	49.91 *			40.37 *	40.37 *								35.81
5					55.75 *	55.68			43.69 *	40.31								36.31
0					59.13 *	53.32			46.06 *	38.78								36.13
-5					59.59 *	52.16			46.88 *	37.82								35.27
-10					57.44 *	51.86			45.81 *	37.43								33.66
-15	65.94 *	65.94 *			67.96 *	67.96 *												33.66
-20	64.55 *	64.55 *			57.44 *	51.86			45.81 *	37.43								33.66
-25					67.96 *	67.96 *												33.66
-30					57.44 *	51.86			45.81 *	37.43								33.66
-35					59.59 *	52.16			46.88 *	37.82								35.27
-40					59.13 *	53.32			46.06 *	38.78								36.13
-45					55.75 *	55.68			43.69 *	40.31								36.31
-50					49.91 *	49.91 *			40.37 *	40.37 *								35.81
-55																		35.81
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# STANDARD & OPTION



## STANDARD EQUIPMENT

Hydraulic system
<ul style="list-style-type: none"><li>• Boom and arm flow regeneration</li><li>• Boom and arm holding valves</li><li>• Swing anti-rebound valves</li><li>• Spare ports (Control valve)</li></ul>
Cabin & Interior
<ul style="list-style-type: none"><li>• Viscous cab mounts</li><li>• All weather sound suppressed type cab</li><li>• Air conditioner &amp; Heater</li><li>• Adjustable suspension seat with head rest and adjustable arm rest</li><li>• Pull-up type front window and removable lower front window</li><li>• Room light</li><li>• Intermittent windshield wiper</li><li>• Cigarette lighter and ashtray</li><li>• Cup holder</li><li>• Hot &amp; Cool box</li><li>• LCD color monitor panel</li><li>• E/G RPM control dial</li><li>• AM/FM radio + MP3 (USB)</li><li>• Remote radio ON/OFF switch</li><li>• 12V spare powers socket</li><li>• Serial communication port for laptop PC interface</li><li>• Joystick lever with 3 switches</li><li>• Sun visor</li><li>• Sun roof</li></ul>

Safety
<ul style="list-style-type: none"><li>• Large handrails and step</li><li>• Convex metal anti-slip plates</li><li>• Seat belt</li><li>• Hydraulic safety lock lever</li><li>• Safety glass</li><li>• Hammer for emergency escape</li><li>• Right and left rearview mirrors</li><li>• Battery protector cover</li></ul>
Others
<ul style="list-style-type: none"><li>• Double element air cleaner with two stage filtration</li><li>• Water separator</li><li>• Fuel filter</li><li>• Dust screen for radiator/oil cooler</li><li>• Engine overheat prevention system</li><li>• Engine restart prevention system</li><li>• Self-diagnostic system</li><li>• Alternator (24 V, 115 A)</li><li>• Electric horn</li><li>• LED working lights (boom mounted 2, frame mounted 2, storage box mounted 1)</li><li>• Hydraulic track adjuster</li><li>• Track guards</li><li>• Greased and sealed track link</li><li>• Hydraulic oil tank air breather filter</li></ul>

## OPTIONAL EQUIPMENT

Some of optional equipments may be standard in some markets. Some of this optional equipment is not available in some markets. You must check with the local DOOSAN dealer to know about the availability or to release the adaptation following the needs of the applications

Arm	Lever Pattern Change	Additional Work Lamp
<ul style="list-style-type: none"><li>• 2.6 m Arm</li><li>• 2.9 m Arm</li><li>• 3.55 m Arm</li></ul>	<ul style="list-style-type: none"><li>• Lever Pattern Change</li></ul>	<ul style="list-style-type: none"><li>• 2 Additional Working Lamp(LED)</li><li>• 6 Additional Working Lamp(LED)</li></ul>
Boom Cylinder	One & Two Way Front Piping	Lower Wiper
<ul style="list-style-type: none"><li>• Mono Boom Cylinder</li></ul>	<ul style="list-style-type: none"><li>• One &amp; Two Way Front Piping</li></ul>	<ul style="list-style-type: none"><li>• Lower Wiper</li></ul>
Boom	Rotating Piping(PERO)	Overload Warning Device
<ul style="list-style-type: none"><li>• 6.6 m Boom</li><li>• 7.7 m Boom</li></ul>	<ul style="list-style-type: none"><li>• Rotating Piping(PERO)</li></ul>	<ul style="list-style-type: none"><li>• Overload Warning Device</li></ul>
Bucket (SAE/PSCA)	One & Two Way Piping	Rotating Beacon
<ul style="list-style-type: none"><li>• 3.42 m³ H Class Bucket</li><li>• 3.68 m³ H Class Bucket</li><li>• 3.75 m³ S Class Bucket</li><li>• 3.75 m³ X Class Bucket</li><li>• 4.05 m³ H Class Bucket</li><li>• 4.05 m³ S Class Bucket</li><li>• 4.05 m³ X Class Bucket</li><li>• 4.43 m³ H Class Bucket</li><li>• 4.64 m³ H Class Bucket</li><li>• 4.64 m³ S Class Bucket</li><li>• 4.64 m³ X Class Bucket</li><li>• 5.24 m³ H Class Bucket</li><li>• 5.24 m³ S Class Bucket</li><li>• 5.24 m³ X Class Bucket</li><li>• 5.58 m³ H Class Bucket</li><li>• 5.58 m³ S Class Bucket</li><li>• Only Dummy Link No Bucket</li></ul>	<ul style="list-style-type: none"><li>• Mono Two Way with Pedal</li><li>• Mono Two Way without Pedal</li><li>• Mono One Way with Electric Ped</li><li>• Mono One Way</li></ul>	<ul style="list-style-type: none"><li>• Rotating Beacon</li></ul>
Boom Cylinder Guard	Quick Coupler Piping	Cabin Roof Cover
<ul style="list-style-type: none"><li>• Boom Cylinder Guard</li></ul>	<ul style="list-style-type: none"><li>• Quick Coupler Piping</li></ul>	<ul style="list-style-type: none"><li>• Plastic Roof Cover</li><li>• Steel Roof Cover</li></ul>
Bucket Cylinder Guard	Straight Travel	Water Separator With Heater
<ul style="list-style-type: none"><li>• Bucket Cylinder Guard</li></ul>	<ul style="list-style-type: none"><li>• Straight Travel</li></ul>	<ul style="list-style-type: none"><li>• Water Separator with Heater</li><li>• Water Separator without Heater</li></ul>
Track Guard	Two Pumps & Piping	Engine Coolant Heater
<ul style="list-style-type: none"><li>• 650 mm Double Grouser Shoe</li><li>• 750 mm Double Grouser Shoe</li><li>• 900 mm Double for Grouser Shoe</li></ul>	<ul style="list-style-type: none"><li>• Two Pumps</li></ul>	<ul style="list-style-type: none"><li>• Engine Coolant Heater with Additional Fuel Tank</li></ul>
Breaker Filter	Audio Equipment	Telematics
<ul style="list-style-type: none"><li>• Breaker Filter</li></ul>	<ul style="list-style-type: none"><li>• Radio+MP3(Stereo)</li></ul>	<ul style="list-style-type: none"><li>• 1.5 Global Dual (SAT+Cell)</li><li>• 2.0 CHINA (Cell only)</li><li>• 2.0 Global (Cell only)</li><li>• 2.0 Global Dual(SAT+Cell)</li></ul>
Hydraulic Oil	Rain Shield	Air Compressor
<ul style="list-style-type: none"><li>• Cold Weather (VG32)</li><li>• Normal Weather (VG46)</li><li>• Tropical Weather (VG68)</li></ul>	<ul style="list-style-type: none"><li>• Rain Shield</li></ul>	<ul style="list-style-type: none"><li>• Air Compressor</li></ul>
FOGS Guard	Alarm	Auto Greasing Unit
<ul style="list-style-type: none"><li>• FOGS</li><li>• Top Guard</li></ul>	<ul style="list-style-type: none"><li>• Alarm for Travel and Swing</li></ul>	<ul style="list-style-type: none"><li>• Auto Greasing Unit</li></ul>
	Camera	Additional Mirror
	<ul style="list-style-type: none"><li>• Around View Camera</li><li>• Rear View Camera</li></ul>	<ul style="list-style-type: none"><li>• Additional Mirror</li></ul>
	Cabin Front Guard	Fuel Filler Pump
	<ul style="list-style-type: none"><li>• Upper and Lower Guard</li><li>• Lower Guard Only</li></ul>	<ul style="list-style-type: none"><li>• Fuel Filler Pump</li></ul>
	Under Cover	Lamp For Cabin Guard
	<ul style="list-style-type: none"><li>• Heavy Duty Under Cover</li><li>• Standard Under Cover</li></ul>	<ul style="list-style-type: none"><li>• Guard Lamp</li></ul>
	Mirror	
	<ul style="list-style-type: none"><li>• Side Mirror</li></ul>	

\*Above option list could be changed without notice