

●BS rating (Main Boom in 360° Working Area.)

The rated loads are determined according to BS (British Standard, 1981) and the machine is stationed on firm level ground.

Units: 10³ kg

Working Radius (m)	Boom Length (m)														
	10	13	16	19	22	25	28	31	34	37	40	43	46	49	
3.5	50.00	3.8m×50.00													
4.0	48.05	47.85	4.4m×41.05												
4.5	40.10	39.80	39.75												
5.0	33.75	33.70	33.60	33.60											
5.5	29.25	29.15	29.10	29.05	28.70										
6.0	25.75	25.70	25.60	25.60	25.50	6.1m×24.80	6.7m×21.75								
7.0	20.75	20.70	20.60	20.55	20.50	20.45	20.35	7.3m×19.35	7.8m×17.30						
8.0	17.35	17.25	17.20	17.15	17.05	17.00	16.95	16.90	16.80	8.4m×15.65					
9.0	14.90	14.80	14.70	14.65	14.55	14.50	14.45	14.45	14.30	14.20	14.20	9.6m×13.00			
10.0	9.8m×12.65	12.90	12.80	12.75	12.65	12.60	12.50	12.50	12.40	12.30	12.30	12.20	10.1m×11.95	10.7m×10.70	
12.0		10.25	10.10	10.05	9.95	9.90	9.80	9.80	9.70	9.60	9.60	9.50	9.40	9.35	
14.0		12.4m×9.80	8.30	8.25	8.15	8.10	8.00	7.95	7.85	7.75	7.75	7.65	7.55	7.50	
16.0			15.0m×7.60	6.95	6.85	6.80	6.70	6.65	6.55	6.45	6.40	6.30	6.20	6.10	
18.0				17.6m×6.15	5.85	5.80	5.70	5.65	5.55	5.40	5.40	5.30	5.20	5.10	
20.0					5.10	5.05	4.90	4.85	4.70	4.65	4.60	4.50	4.35	4.30	
22.0					20.2m×5.05	4.40	4.30	4.20	4.10	4.00	3.95	3.85	3.75	3.65	
24.0						22.8m×4.20	3.75	3.70	3.60	3.50	3.40	3.30	3.25	3.15	
26.0							25.4m×3.45	3.25	3.10	3.05	3.00	2.90	2.80	2.70	
28.0								2.90	2.75	2.65	2.60	2.50	2.40	2.30	
30.0									2.45	2.35	2.30	2.20	2.05	2.00	
32.0										30.6m×2.30	2.10	2.00	1.90	1.70	
34.0											33.2m×1.85	1.75	1.70	1.55	1.50

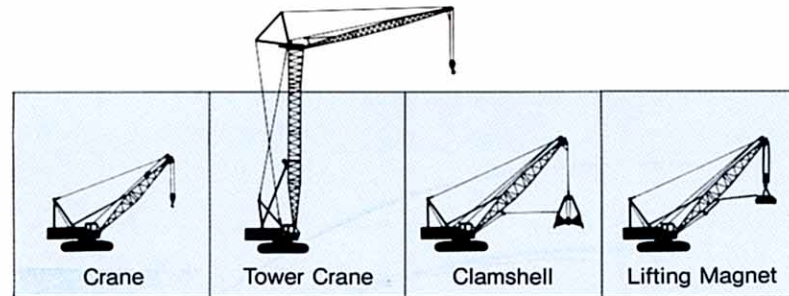
NOTE:

- To calculate the maximum load that can actually be lifted, deduct weight of all lifting accessories, such as main hook, from figures shown above.
- Working radius is the horizontal distance from the swing center to the center of gravity of a lifted load.
- The counterweight is 16 900 kg. (Two pieces)
- Be sure to fully extend the side frames before operating the machine.

5. Correlations between the number of falls, maximum rated loads, hook weights are shown in the table below.

Hook Capacity (kg)	Hook Weight (kg)	Maximum Rated Load (10 ³ kg)							
		8	7	6	5	4	3	2	1
55 000	610	50.0	45.5	39.0	32.5	26.0	19.5	13.0	—
30 000	360				30.0	26.0	19.5	13.0	—
15 000	320						15.0	13.0	—
6 500	260								6.5

Front-end Attachments Available.



Crane Rated Loads

●JIS rating (Main Boom in 360° Working Area.)

The rated loads shown don't exceed 78% of tipping loads with the machine on firm level ground.

Units: 10³ kg

Working Radius (m)	Boom Length (m)															
	10	13	16	19	22	25	28	31	34	37	40	43	46	49	52	
3.5	55.00	3.7m×55.00														
4.0	51.20	51.00	4.4m×43.80													
4.5	42.30	42.20	42.15													
5.0	35.80	35.75	35.65	35.65												
5.5	31.05	30.95	30.85	30.85	30.45											
6.0	27.35	27.25	27.20	27.15	27.10	6.1m×26.30	6.7m×23.10									
7.0	22.05	21.95	21.85	21.85	21.75	21.70	21.65	7.3m×20.50	7.8m×18.40							
8.0	18.45	18.30	18.25	18.20	18.10	18.05	18.00	17.95	17.85	8.4m×16.60						
9.0	15.30	15.70	15.60	15.55	15.45	15.40	15.30	15.25	15.20	15.10	15.00	9.6m×13.80				
10.0	9.8m×12.55	13.70	13.60	13.50	13.45	13.40	13.30	13.25	13.15	13.10	13.00	12.95	10.1m×12.65	10.7m×10.70	11.3m×9.35	
12.0		10.70	10.75	10.65	10.60	10.55	10.45	10.40	10.30	10.20	10.10	10.10	10.00	9.90	9.15	
14.0		12.4m×9.90	8.80	8.75	8.65	8.60	8.50	8.45	8.35	8.25	8.15	8.15	8.05	7.95	7.85	
16.0			15.0m×8.00	7.35	7.25	7.20	7.10	7.05	6.95	6.85	6.75	6.75	6.65	6.55	6.45	
18.0				17.6m×6.50	6.25	6.15	6.05	6.00	5.90	5.80	5.70	5.65	5.60	5.50	5.40	
20.0					5.45	5.35	5.25	5.15	5.10	5.00	4.90	4.85	4.75	4.65	4.55	
22.0					20.2m×5.35	4.70	4.60	4.50	4.40	4.30	4.20	4.20	4.10	4.00	3.90	
24.0						22.8m×4.50	4.05	4.00	3.90	3.80	3.70	3.65	3.55	3.45	3.35	
26.0							25.4m×3.75	3.55	3.45	3.35	3.25	3.20	3.10	3.00	2.90	
28.0								3.15	3.05	2.95	2.85	2.80	2.70	2.55	2.45	
30.0									2.75	2.65	2.50	2.45	2.30	2.20	2.10	
32.0										30.6m×2.65	2.35	2.20	2.10	2.00	1.75	
34.0											33.2m×2.15	1.95	1.85	1.75	1.50	
36.0												35.8m×1.75	1.60	1.50	1.35	1.25

For notes, refer to those on page 8.

●PCSA rating (Main Boom in 360° Working Area.)

The rated loads, listed are determined according to PCSA (Power Crane and Shovel Association in U.S.A.) and do not exceed 75% of tipping load on condition that the machine is stationed on firm, level ground.

Units: 10³ kg

Working Radius (m)	Boom Length (m)															
	10	13	16	19	22	25	28	31	34	37	40	43	46	49	52	
3.5	55.00	3.7m×55.00														
4.0	49.25	49.05	4.4m×42.10													
4.5	40.65	40.60	40.50													
5.0	34.40	34.40	34.30	34.30												
5.5	29.85	29.75	29.65	29.65	29.30											
6.0	26.30	26.20	26.15	26.10	26.05	6.1m×25.30	6.7m×22.20									
7.0	21.20	21.10	21.00	21.00	20.90	20.85	20.80	7.3m×19.70	7.8m×17.70							
8.0	17.75	17.60	17.55	17.50	17.40	17.35	17.30	17.25	17.15	8.4m×15.95						
9.0	14.70	15.10	15.00	14.95	14.85	14.80	14.70	14.65	14.60	14.50	14.45	9.6m×13.25				
10.0	9.8m×12.05	13.15	13.10	13.00	12.95	12.90	12.80	12.75	12.65	12.60	12.50	12.45	10.1m×12.15	10.7m×10.30	11.3m×9.00	
12.0		10.30	10.35	10.25	10.20	10.15	10.05	10.00	9.90	9.80	9.70	9.70	9.60	9.50	8.80	
14.0		12.4m×9.50	8.45	8.40	8.30	8.25	8.15	8.15	8.05	7.95	7.85	7.85	7.75	7.65	7.55	
16.0			15.0m×7.70	7.05	6.95	6.90	6.85	6.80	6.70	6.60	6.50	6.50	6.40	6.30	6.20	
18.0				17.6m×6.25	6.00	5.90	5.80	5.75	5.65	5.60	5.50	5.45	5.35	5.30	5.20	
20.0					5.25	5.15	5.05	4.95	4.90	4.80	4.70	4.65	4.55	4.45	4.40	
22.0					20.2m×5.15	4.50	4.40	4.35	4.25	4.15	4.05	4.05	3.95	3.85	3.75	
24.0						22.8m×4.30	3.90	3.85	3.75	3.65	3.55	3.50	3.40	3.30	3.20	
26.0							25.4m×3.60	3.40	3.30	3.20	3.10	3.10	3.00	2.90	2.80	
28.0								3.05	2.95	2.85	2.75	2.70	2.60	2.50	2.40	
30.0									2.65	2.55	2.40	2.40	2.25	2.20	2.10	
32.0										30.6m×2.55	2.25	2.15	2.10	2.00	1.75	
34.0											33.2m×2.10	1.95	1.85	1.75	1.50	
36.0												35.8m×1.75	1.60	1.50	1.35	1.25

For notes, refer to those on page 8.

● **BS rating (Main Boom in 360° Working Area.)**

The rated loads are determined according to BS (British Standard, 1981) and the machine is stationed on firm level ground.

Units : 10³ kg

Working Radius (m)	Boom Length (m)													
	10	13	16	19	22	25	28	31	34	37	40	43	46	49
3.5	55.00	3.7m×55.00												
4.0	51.20	51.00	4.4m×43.80											
4.5	42.30	42.20	42.15											
5.0	35.80	35.75	35.65	35.65										
5.5	31.50	30.95	30.85	30.85	30.45									
6.0	27.35	27.25	27.20	27.15	27.10	6.1m×26.30	6.7m×23.10							
7.0	22.05	21.95	21.85	21.85	21.75	21.70	21.65	7.3m×20.50	7.8m×18.40					
8.0	18.45	18.30	18.25	18.20	18.10	18.05	18.00	17.95	17.85	8.4m×16.60				
9.0	15.30	15.70	15.60	15.55	15.45	15.40	15.30	15.25	15.20	15.10	15.00	9.6m×13.80		
10.0	9.8m×12.55	13.70	13.60	13.50	13.45	13.40	13.30	13.25	13.15	13.10	13.00	12.95	10.1m×12.65	10.7m×10.70
12.0		10.70	10.75	10.65	10.60	10.55	10.45	10.40	10.30	10.20	10.10	10.10	10.00	9.90
14.0		12.4m×9.90	8.80	8.75	8.65	8.60	8.50	8.45	8.35	8.25	8.15	8.15	8.05	7.95
16.0			15.0m×8.00	7.35	7.25	7.20	7.10	7.05	6.95	6.85	6.75	6.75	6.60	6.50
18.0				17.6m×6.50	6.25	6.15	6.05	6.00	5.90	5.80	5.65	5.60	5.55	5.45
20.0					5.45	5.35	5.25	5.15	5.05	4.95	4.85	4.80	4.70	4.50
22.0					20.2m×5.35	4.70	4.55	4.45	4.35	4.25	4.15	4.10	4.00	3.90
24.0						22.8m×4.45	4.00	3.95	3.85	3.70	3.60	3.55	3.45	3.35
26.0							25.4m×3.70	3.45	3.35	3.25	3.15	3.10	3.00	3.85
28.0								3.10	2.95	2.85	2.75	2.70	2.60	2.45
30.0									2.65	2.55	2.40	2.35	2.20	2.15
32.0									30.6m×2.55	2.25	2.10	2.05	1.95	1.85
34.0										33.2m×2.05	1.90	1.80	1.70	1.55
36.0											35.8m×1.70	1.60	1.50	1.35

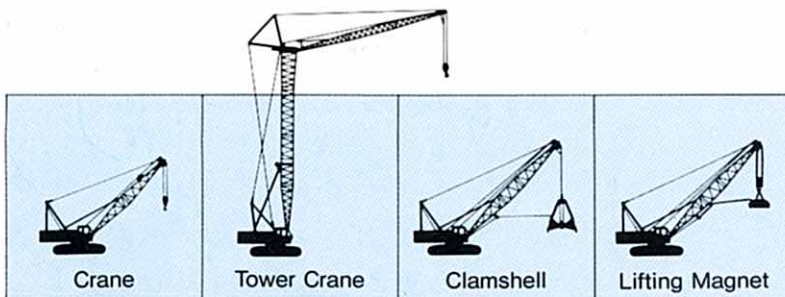
NOTE:

1. To calculate the maximum load that can actually be lifted, deduct weight of all lifting accessories, such as main hook, from figures shown above.
2. Working radius is the horizontal distance from the swing center to the center of gravity of a lifted load.
3. The counterweight is 18 700 kg. (Two pieces)
4. Be sure to fully extend the side frames before operating the machine.

5. Correlations between the number of falls, maximum rated loads, hook weights are shown in the table below.

Hook Capacity (kg)	Hook Weight (kg)	Maximum Rated Load (10 ³ kg)								
		9	8	7	6	5	4	3	2	1
55 000	700	55.0	52.0	45.5	39.0	32.5	26.0	19.5	13.0	—
30 000	360					30.0	26.0	19.5	13.0	—
15 000	320							15.0	13.0	—
6 500	260									6.5

Front-end Attachments Available.



This catalog is not applicable to the European area. The machine shown may vary according to territory Specifications. Specifications are subject to change without notice.