



LIFTING CAPACITIES (360°)

COUNTERWEIGHT 24.4 t  
SHORT OR FLY JIB LENGTH - m

[MAIN HOOK]

MODEL SC700-2

UNIT : t

Working radius(m)	BOOM LENGTH (m)											Working radius(m)			
	12.20	15.25	18.30	21.35	24.40	27.45	30.50	33.50	36.55	39.60	42.65		45.70	48.75	51.80
3.7	*70.0														
4.0	*68.0	*62.8/4.1													
4.5	58.8	58.6	*55.0/4.6												
5.0	53.2	53.1	53.0	*48.0/5.2	*42.4/5.7										
6.0	41.3	41.2	41.1	41.0	41.0	*37.4/6.2	*32.3/6.8								
7.0	32.6	32.4	32.3	32.3	32.2	32.1	32.1	*28.0/7.3	*24.2/7.8						
8.0	26.9	26.7	26.7	26.6	26.5	26.4	26.4	26.3	*20.5/8.4	*17.5/8.9					
9.0	22.8	22.6	22.6	22.5	22.4	22.3	22.3	22.1	*20.3	*17.1	*14.8/9.4	*12.1/9.9			
10.0	19.7	19.6	19.5	19.4	19.3	19.2	19.1	19.0	18.8	*16.0	*14.4	*12.0	*10.2/10.5	*8.3/11.0	
12.0	14.4/11.7	15.3	15.2	15.1	15.0	14.9	14.9	14.7	14.6	14.5	*13.3	*11.4	*9.6	*8.0	
14.0		12.6	12.5	12.3	12.2	12.1	12.1	11.9	11.6	11.6	11.5	*10.7	*9.2	*7.4	
16.0		12.2/14.4	10.5	10.3	10.2	10.1	10.0	9.8	9.6	9.6	9.4	9.2	*8.4	*7.0	
18.0			9.5/17.0	8.8	8.7	8.6	8.4	8.3	8.1	8.0	7.9	7.7	7.5	*6.6	
20.0				7.8/19.6	7.6	7.4	7.3	7.0	6.8	6.8	6.6	6.5	6.3	6.2	20.0
22.0					6.5	6.4	6.3	6.2	6.1	5.8	5.7	5.6	5.4	5.3	22.0
24.0					6.4/22.3	5.7	5.6	5.4	5.4	5.1	4.8	4.7	4.6	4.5	24.0
26.0					5.3/24.9	4.9	4.9	4.7	4.7	4.4	4.2	4.1	4.0	3.9	26.0
28.0						4.4/27.6	4.2	4.1	4.1	3.9	3.7	3.6	3.5	3.2	28.0
30.0							3.8	3.6	3.6	3.5	3.3	3.2	2.9	2.7	30.0
32.0							3.8/30.2	3.3	3.1	3.1	2.8	2.7	2.4	2.2	32.0
34.0								3.0/32.8	2.7	2.6	2.5	2.3	2.0	1.8	34.0
36.0									2.3/35.5	2.3	2.1	1.9	1.5	1.4	36.0
38.0										1.9	1.8	1.6			38.0
40.0										1.9/38.1	1.5	1.2			40.0
No. of part line	11	10	9	8	7	6	5	5	4	4	3	2	2	2	No. of part line

- Capacities shown are in metric tons, and are determined according to BS 1757-over the side-with machine standing level on firm supporting surface under ideal job conditions.
- Deduction from rated capacities must be made for mass of hook block, sling, spreader bar, or other suspended gear.

3. Capacities marked with \* are based on machine structural limitation factors other than those which would cause a tipping condition.

KIND OF HOOK BLOCK	70t	35t	20t	6.5t
MASS OF HOOK BLOCK (kg)	850	500	400	330

SUMITOMO(S.H.I.) CONSTRUCTION MACHINERY CO.,LTD.  
NAGOYA WORKS



LIFTING CAPACITIES (360°)

EK699104

(P.12)

COUNTERWEIGHT 24.4t

[MAIN HOOK]

MODEL SC700-2

BOOM LENGTH (m)	21.35						24.40						27.45						UNIT : t
	9.15		13.70		18.30		9.15		13.70		18.30		9.15		13.70		18.30		
FLY JIB LENGTH (m)	10	30	10	30	10	30	10	30	10	30	10	30	10	30	10	30	10	30	
JIB SET ANGLE RADIUS (m)	10	30	10	30	10	30	10	30	10	30	10	30	10	30	10	30	10	30	
5.2	48.0	48.0	47.6	47.6	46.8	46.8	41.7/5.7	41.3/5.7	41.3/5.7	40.7/5.7	40.9/5.7	40.1/5.7	36.2/6.2	35.9/6.2	35.9/6.2	35.4/6.2	34.7/6.2	34.7/6.2	34.7/6.2
6.0	38.3	38.0	37.9	37.4	36.8	36.8	38.3	38.0	37.4	37.6	37.6	36.8	36.2/6.2	35.9/6.2	35.9/6.2	35.4/6.2	34.7/6.2	34.7/6.2	34.7/6.2
7.0	30.1	29.9	29.7	29.3	28.8	28.8	30.1	29.8	29.3	29.4	29.4	28.8	30.0	29.8	29.7	29.3	29.4	28.8	28.8
8.0	24.6	24.4	24.3	23.9	23.4	23.4	24.6	24.4	24.2	23.9	23.9	23.4	24.5	24.3	24.2	23.9	23.4	23.4	23.4
9.0	20.7	20.5	20.4	20.1	19.6	19.6	20.7	20.5	20.3	20.1	20.0	19.6	20.6	20.4	20.3	20.0	20.0	19.6	19.6
10.0	17.8	17.6	17.4	17.2	16.7	16.7	17.7	17.6	17.4	17.2	17.1	16.7	17.6	17.5	17.4	17.1	17.0	16.7	16.7
12.0	13.7	13.5	13.3	13.2	13.0	12.8	13.6	13.5	13.3	13.1	13.0	12.7	13.5	13.4	13.2	13.1	12.9	12.7	12.0
14.0	10.9	10.8	10.6	10.5	10.3	10.1	10.9	10.8	10.6	10.4	10.3	10.1	10.8	10.7	10.5	10.4	10.2	10.0	14.0
16.0	9.0	8.9	8.7	8.6	8.4	8.2	8.9	8.9	8.5	8.3	8.2	8.2	8.8	8.8	8.6	8.4	8.3	8.1	16.0
18.0	7.5	7.5	7.3	7.2	6.9	6.8	7.5	7.4	7.2	7.1	6.9	6.8	7.4	7.3	7.1	7.0	6.8	6.7	18.0
20.0	6.6/19.6	6.4/19.6	6.4/19.6	6.3/19.6	6.0/19.6	6.0/19.6	6.4	6.3	6.1	6.0	5.8	5.7	6.2	6.2	6.0	5.9	5.7	5.6	20.0
22.0							5.5	5.4	5.2	5.2	4.9	4.9	5.3	5.3	5.1	5.0	4.8	4.7	22.0
24.0							5.4/22.3	5.3/22.3	5.1/22.3	5.1/22.3	4.8/22.3	4.8/22.3	4.6	4.6	4.4	4.3	4.1	4.0	24.0
24.9													4.3	4.3	4.1	4.0	3.7	3.7	24.9
No. of part line	8	8	8	8	8	8	7	7	7	7	7	7	6	6	6	6	6	6	No. of part line

1. Capacities shown are in metric tons, and are determined according to BS 1757-over the side-with machine standing level on firm supporting surface under ideal job conditions.

2. Deduction from the jib capacities must be made for mass of hook block (MAIN), sling, spreader bar, or other suspended gear.

KIND OF HOOK BLOCK	70t	35t	20t	6.5t
MASS OF HOOK BLOCK (kg)	850	500	400	330

3. Capacities marked with \* are based on machine structural limitation factors other than those which would cause a tipping condition.

SUMITOMO(S.H.I.) CONSTRUCTION MACHINERY CO.,LTD.  
NAGOYA WORKS

LIFTING CAPACITIES (360°)

EK699104

(P-23)

MODEL SC700-2

[MAIN HOOK]

COUNTERWEIGHT 24.4t

BOOM LENGTH (m)	30.50						33.50						36.55						UNIT : t
	9.15		13.70		18.30		9.15		13.70		18.30		9.15		13.70		18.30		
FLY JIB LENGTH (m)	10	30	10	30	10	30	10	30	10	30	10	30	10	30	10	30	10	30	FLY JIB LENGTH (m)
JIB SET ANGLE RADIUS (m)	10	30	10	30	10	30	10	30	10	30	10	30	10	30	10	30	10	30	JIB SET ANGLE RADIUS (m)
6.8	31.5	31.3	31.2	30.8	30.9	30.9	27.97.3	27.77.3	27.57.3	27.37.3	27.17.3	26.97.3	26.77.3	26.57.3	24.27.8	24.07.8	23.87.8	23.67.8	24.27.8
7.0	30.0	29.8	29.7	29.3	29.4	29.4	24.4	24.2	24.1	23.8	23.8	23.8	23.8	23.8	24.0	24.0	23.7	23.8	24.27.8
9.0	24.5	24.3	24.2	23.8	23.9	23.9	20.5	20.3	20.2	19.9	19.9	19.9	19.9	19.9	20.4	20.2	19.8	19.9	23.3
10.0	20.6	20.4	20.3	20.0	20.0	20.0	17.5	17.3	17.2	17.0	16.9	16.6	16.6	16.6	17.5	17.3	17.2	16.9	19.4
12.0	13.5	13.4	13.2	13.0	12.9	12.9	13.4	13.2	13.1	12.9	12.8	12.5	12.5	12.5	13.3	13.2	13.1	12.9	19.4
14.0	10.7	10.6	10.5	10.3	10.2	10.2	10.6	10.5	10.3	10.2	10.1	9.8	9.8	9.8	10.6	10.5	10.3	10.1	16.5
16.0	8.8	8.7	8.5	8.4	8.2	8.2	8.6	8.6	8.4	8.3	8.1	7.9	7.9	7.9	8.6	8.5	8.3	8.2	12.5
18.0	7.3	7.2	7.1	7.0	6.8	6.8	7.2	7.1	6.9	6.8	6.7	6.5	6.5	6.5	7.1	7.0	6.9	6.8	9.8
20.0	6.2	6.1	5.9	5.8	5.7	5.7	6.0	6.0	5.8	5.7	5.5	5.4	5.4	6.0	5.9	5.7	5.6	5.5	7.9
22.0	5.3	5.2	5.0	4.9	4.8	4.8	5.1	5.1	4.9	4.8	4.6	4.5	4.5	5.1	5.0	4.8	4.7	4.5	6.5
24.0	4.5	4.5	4.3	4.2	4.0	4.0	4.4	4.3	4.1	4.0	3.8	3.7	3.7	4.3	4.3	4.0	3.9	3.7	5.3
26.0	3.9	3.9	3.6	3.6	3.3	3.3	3.7	3.7	3.4	3.4	3.1	3.0	3.0	3.6	3.6	3.3	3.3	3.0	4.4
28.0	3.5/27.6	3.5/27.6	3.2/27.6	3.2/27.6	2.8/27.6	2.8/27.6	3.2	3.1	2.8	2.8	2.5	2.4	2.4	3.0	3.0	2.7	2.7	2.4	3.6
30.0							2.7	2.6	2.4	2.3	2.0	2.0	2.0	2.5	2.5	2.2	2.2	2.2	2.9
32.0							2.7/30.2	2.6/30.2	2.4/30.2	2.3/30.2	2.0/30.2	2.0/30.2	2.0/30.2	2.0/30.2	2.1	2.1	1.8	1.9	2.3
32.8																			2.3
No. of part line	5	5	5	5	5	5	5	5	5	5	5	5	5	5	4	4	4	4	1.9
															2.0	1.9	1.7	1.6	30.0
															2.0	1.9	1.7	1.6	32.8
															4	4	4	4	No. of part line

1. Capacities shown are in metric tons, and are determined according to BS 1757-over the side-with machine standing level on firm supporting surface under ideal job conditions.

3. Capacities marked with \* are based on machine structural limitation factors other than those which would cause a tipping condition.

2. Deduction from the jib capacities must be made for mass of hook block (MAIN), sling, spreader bar, or other suspended gear.

KIND OF HOOK BLOCK	70t	35t	20t	6.5t
MASS OF HOOK BLOCK (kg)	850	500	400	330

SUMITOMO(S.H.I.) CONSTRUCTION MACHINERY CO.,LTD.  
NAGOYA WORKS

LIFTING CAPACITIES (360°)

COUNTERWEIGHT 24.4 t

[MAIN HOOK]

MODEL SC700-2

UNIT : t

BOOM LENGTH (m)	39.60						42.65						45.70						BOOM LENGTH (m)
	9.15		13.70		18.30		9.15		13.70		18.30		9.15		13.70		18.30		
FLY JIB LENGTH (m)	10	30	10	30	10	30	10	30	10	30	10	30	10	30	10	30	10	30	FLY JIB LENGTH (m)
JIB SET ANGLE RADIUS (m)	10	30	10	30	10	30	10	30	10	30	10	30	10	30	10	30	10	30	JIB SET ANGLE RADIUS (m)
8.4	*20.5	*20.5	*20.5	*20.5	*20.5	*20.5	*17.5/8.9	*17.5/8.9	*17.5/8.9	*17.5/8.9	*17.5/8.9	*17.5/8.9	*17.5/8.9	*17.5/8.9	*14.8/9.4	*14.8/9.4	*14.8/9.4	*14.8/9.4	8.4
9.0	*20.3	20.1	20.0	19.7	19.8	19.3	*17.1	*17.1	*17.1	*17.1	*17.1	*17.1	*17.1	*17.1	*14.8/9.4	*14.8/9.4	*14.8/9.4	*14.8/9.4	9.0
10.0	17.3	17.2	17.1	16.8	16.8	16.4	*16.0	*16.0	*16.0	*16.0	*16.0	*16.0	*16.0	*16.0	*14.4	*14.4	*14.4	*14.4	10.0
12.0	13.2	13.1	12.9	12.7	12.7	12.4	13.1	13.0	12.9	12.9	12.7	12.7	12.7	12.4	*13.0	12.9	12.8	12.6	12.0
14.0	10.4	10.3	10.2	10.0	9.9	9.7	10.3	10.2	10.2	10.0	9.9	9.9	9.9	9.7	10.3	10.2	10.0	9.9	14.0
16.0	8.4	8.4	8.2	8.1	8.0	7.8	8.3	8.3	8.2	8.0	7.9	7.7	7.7	7.7	8.3	8.2	8.1	7.9	16.0
18.0	7.0	6.9	6.7	6.6	6.5	6.3	6.9	6.8	6.7	6.6	6.5	6.3	6.3	6.3	6.8	6.7	6.6	6.5	18.0
20.0	5.8	5.8	5.6	5.5	5.4	5.2	5.7	5.7	5.6	5.5	5.5	5.5	5.2	5.6	5.6	5.6	5.4	5.3	20.0
22.0	4.9	4.9	4.7	4.6	4.4	4.2	4.8	4.8	4.7	4.6	4.5	4.3	4.1	4.7	4.7	4.7	4.4	4.3	22.0
24.0	4.1	4.1	3.8	3.7	3.5	3.4	4.0	3.9	3.8	3.7	3.5	3.3	3.3	3.9	3.8	3.8	3.6	3.5	24.0
26.0	3.4	3.4	3.1	3.1	2.8	2.7	3.3	3.3	3.2	3.1	3.0	2.8	2.6	3.2	3.1	3.1	2.9	2.8	26.0
28.0	2.8	2.8	2.5	2.5	2.2	2.1	2.7	2.7	2.6	2.5	2.4	2.2	2.1	2.6	2.5	2.5	2.3	2.2	28.0
30.0	2.3	2.3	2.0	2.0			2.2	2.1	2.0	2.0	1.9			2.0	2.0	2.0	1.8		30.0
32.0	1.9	1.9					1.7	1.7											32.0
No. of part line	4	4	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	No. of part line

1. Capacities shown are in metric tons, and are determined according to BS 1757-over the side-with machine standing level on firm supporting surface under ideal job conditions.

2. Deduction from the jib capacities must be made for mass of hook block (MAIN), sling, spreader bar, or other suspended gear.

KIND OF HOOK BLOCK	70t	35t	20t	6.5t
MASS OF HOOK BLOCK (kg)	650	500	400	330

3. Capacities marked with \* are based on machine structural limitation factors other than those which would cause a tipping condition.

SUMITOMO(S.H.I.) CONSTRUCTION MACHINERY CO.,LTD.  
NAGOYA WORKS

LIFTING CAPACITIES (360°)

MODEL SC700-2

[AUX. HOOK]

COUNTERWEIGHT 24.4t

EK699102

(P.28)

BOOM LENGTH (m)	30.50						33.50						36.55						BOOM LENGTH (m)					
	9.15		13.70		18.30		9.15		13.70		18.30		9.15		13.70		18.30							
FLY JIB LENGTH (m)	*6.5		*6.5/11.3		*6.5/12.5		*6.5/10.2		*6.5/11.8		*6.5/13.0		*6.5/10.8		*6.5/13.5		*6.5/12.3		*6.5/13.6		*6.5/13.6			
JIB SET ANGLE	*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5	
RADIUS (m)	*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5	
9.7	*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5	
10.0	*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5	
12.0	*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5	
14.0	*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5	
16.0	*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5	
18.0	*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5	
20.0	*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5	
22.0	*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5	
24.0	*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5	
26.0	*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5	
28.0	*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5	
30.0	*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5	
32.0	*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5	
34.0	*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5	
36.0	*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5	
38.0	*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5	
40.0	*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5	
42.0	*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5	
44.0	*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5		*6.5	
No. of part line	1		1		1		1		1		1		1		1		1		1		1		1	

UNIT : t

1. Capacities shown are in metric tons, and are determined according to BS 1757-over the side-with machine standing level on firm supporting surface under ideal job conditions.

2. Deduction from the jib capacities must be made for mass of hook block (MAIN + AUX.), sling, spreader bar, or other suspended gear.

KIND OF HOOK BLOCK	70t	35t	20t	6.5t
MASS OF HOOK BLOCK (kg)	850	500	400	330

3. Available boom length to attach the jib is from 21.35m to 45.70m. The maximum jib length is 18.30m.

4. The jib set angle to boom must not exceed 30°.

5. Capacities marked with \* are based on machine structural limitation factors other than those which would cause a tipping condition.

LIFTING CAPACITIES (360°)

MODEL SC700-2

[AUX. HOOK]

COUNTERWEIGHT 24.4t

EK699102

(P.13)

BOOM LENGTH (m)	21.35						24.40						27.45						UNIT : t	BOOM LENGTH (m)	
	9.15		13.70		18.30		9.15		13.70		18.30		9.15		13.70		18.30				
FLY JIB LENGTH (m)	30	10	30	10	30	10	30	10	30	10	30	10	30	10	30	10	30	10	30	FLY JIB LENGTH (m)	
JIB SET ANGLE RADIUS (m)	10	30	10	30	10	30	10	30	10	30	10	30	10	30	10	30	10	30	10	JIB SET ANGLE RADIUS (m)	
8.0	*6.5																				8.0
9.0	*6.5																				9.0
10.0	*6.5/10.9	*6.5																			10.0
12.0	*6.5	*6.5																			12.0
14.0	*6.5	*6.5																			14.0
16.0	*6.5	*6.5																			16.0
18.0	*6.5	*6.5																			18.0
20.0	*6.5	*6.5																			20.0
22.0	6.4	6.4																			22.0
24.0	5.6	5.7																			24.0
26.0	4.8	4.9																			26.0
28.0	4.3	4.4																			28.0
30.0	4.2/28.3	3.9/28.9	4.1	4.2	3.9	3.9	3.9	3.9	3.9	4.1	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	30.0
32.0			3.7	3.8	3.6	3.1	3.7/30.9	3.6/31.5	3.7	3.8	3.8	3.1	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	32.0
34.0			3.6/32.5	3.5/33.4	3.4	2.9			3.3	3.4	3.4	2.9	3.1/33.6	3.0	3.2	3.2	3.2	3.2	3.2	3.2	34.0
36.0					3.1	2.7			3.1/35.2	3.1	3.1	2.7		3.0/34.2	2.8	2.8	2.8	2.8	2.8	2.8	36.0
38.0					3.0/36.7	2.6															38.0
40.0																					40.0
42.0																					42.0
43.3																					43.3
No. of part line	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	No. of part line

1. Capacities shown are in metric tons, and are determined according to BS 1757-over the side-with machine standing level on firm supporting surface under ideal job conditions.

2. Deduction from the jib capacities must be made for mass of hook block (MAIN + AUX.), sling, spreader bar, or other suspended gear.

KIND OF HOOK BLOCK	70t	35t	20t	6.5t
MASS OF HOOK BLOCK (kg)	850	500	400	330

3. Available boom length to attach the jib is from 21.35m to 45.70m. The maximum jib length is 18.30m.

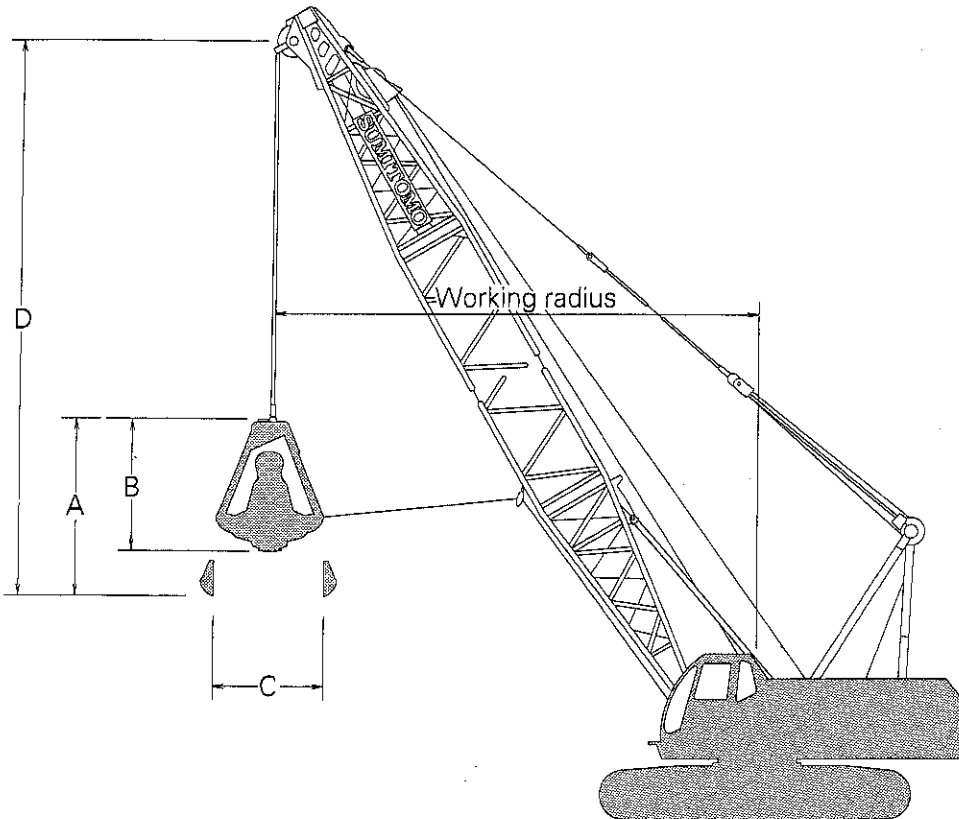
4. The jib set angle to boom must not exceed 30°.

5. Capacities marked with \* are based on machine structural limitation factors other than those which would cause a tipping condition.





## CLAMSHELL :



## CLAMSHELL CAPACITIES :

(in metric tons)

Boom length (m)											
12.20			15.25			18.3			21.35		
R (m)	A (°)	L (t)	R (m)	A (°)	L (t)	R (m)	A (°)	L (t)	R (m)	A (°)	L (t)
5.5	70	6.5									
6.0	67	6.5									
7.0	62	6.5	7.0	68	6.5						
8.0	57	6.5	8.0	64	6.5	8.0	69	6.5			
9.0	51	6.5	9.0	60	6.5	9.0	65	6.5	9.0	69	6.5
10.0	44	6.5	10.0	55	6.5	10.0	62	6.5	10.0	66	6.5
			12.0	45	6.5	12.0	54	6.5	12.0	60	6.5
			14.0	33	6.1	14.0	46	6.0	14.0	53	5.9
						16.0	36	5.0	16.0	46	4.9
									18.0	38	4.1

(ECD00130A)

R: Working radius A: Boom angle L: Rated load

### Notes:

1. Following weight of bucket plus load should not exceed above rated loads.

Bucket capacity	0.6 m <sup>3</sup>	0.8 m <sup>3</sup>	1.0 m <sup>3</sup>	1.2 m <sup>3</sup>
Bucket weight	1.6 t	2.1 t	2.5 t	3.1 t

2. Boom length shall not exceed 21.35 m.

3. Apparent specific gravity of lifting material:

Earth .....1.7~1.8 t/m<sup>3</sup>

Gravel .....1.8~2.0 t/m<sup>3</sup>

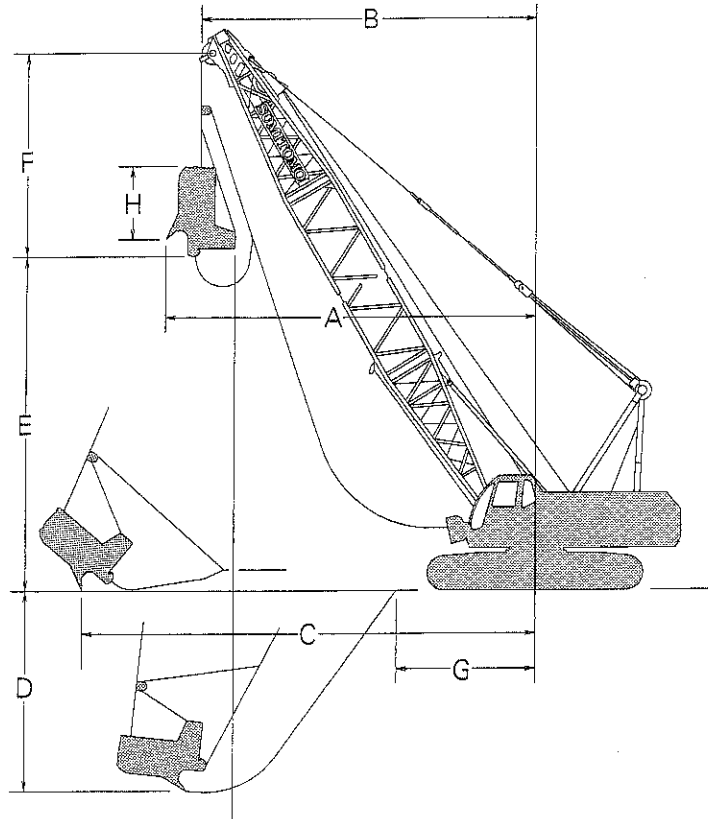
4. High gantry is required and side frames must be extended for all operating conditions.

### BUCKET DATA :

	Bucket capacity	0.6 m <sup>3</sup>	0.8 m <sup>3</sup>	1.0 m <sup>3</sup>	※1.2 m <sup>3</sup>
A	Bucket overall height (opened)	2.8	3.3	3.3	3.7
B	Bucket overall height (closed)	2.4	2.7	2.8	3.1
C	Bucket opening width	2.3	2.5	2.5	2.6
D	Bucket clearance	4.6	5.1	5.1	5.5

※ Light duty service

■ **DRAGLINE :**



**DRAGLINE CAPACITIES :**

Boom length (m)		12.20			15.25			18.30			21.35			
Boom angle (°)		30	40	50	30	40	50	30	40	50	30	40	50	
Rated load (t)		6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	
A	Max. dumping radius (m)	0.6 m <sup>3</sup>	12.5	11.4	9.9	15.2	13.7	11.9	17.8	16.0	13.8	20.5	18.4	15.8
		0.8 ~ 1.0 m <sup>3</sup>	12.8	11.7	10.2	15.5	14.0	12.2	18.1	16.3	14.1	20.8	18.7	16.1
		1.2 m <sup>3</sup>	12.7	11.6	10.1	15.4	13.8	12.1	18.0	16.2	14.0	20.7	18.6	16.0
B	Working radius (m)	12.0	10.9	9.4	14.7	13.2	11.4	17.3	15.5	13.3	20.0	17.9	15.3	
C	Digging radius on G. L. (m)	15.4	15.1	14.2	18.8	18.3	17.3	22.1	21.4	20.2	25.5	24.7	23.3	
D	Digging depth (m)	8.2	8.0	7.3	10.8	10.4	9.7	13.3	12.7	11.8	15.8	15.2	14.2	
E	Dumping height (m)	0.6 ~ 0.8 m <sup>3</sup>	3.7	5.3	6.8	5.2	7.3	9.1	6.7	9.3	11.5	8.2	11.2	13.8
		1.0 ~ 1.2 m <sup>3</sup>	2.9	4.5	6.0	4.4	6.5	8.3	5.9	8.5	10.7	7.4	10.4	13.0
F	Bucket clearance(m)	0.6 ~ 0.8 m <sup>3</sup>	3.95											
		1.0 ~ 1.2 m <sup>3</sup>	4.75											

(ECD00131A)

1. Weight of bucket plus material shall not exceed above rated loads.
2. Boom length shall not exceed 21.35 m.
3. High gantry is required and side frame must be extended for all operating conditions.
4. Dimension C and D vary considerably depending on digging conditions and skill of the operator.
5. Apparent specific gravity of lifting material:  
 Earth .....1.7~1.8 t/m<sup>3</sup>  
 Gravel.....1.8~2.0 t/m<sup>3</sup>

**BUCKET DATA:**

Bucket capacity (m <sup>3</sup> )	Weight (t)
0.6	0.93
0.8	1.17
1.0	1.40
1.2	1.60

\* Medium or light duty service