

Tabela de Cargas - JIB's

Ângulo da lança	Com patolas estendidas - Lateral e traseira						
	Jib de 9,2 m			Ângulo da lança	Jib de 15,0 m		
	5°	17°	30°		5°	17°	30°
81°	3,50	2,70	2,00	81°	2,50	1,60	1,00
80°	3,50	2,70	2,00	79°	2,50	1,60	1,00
79°	3,50	2,66	2,00	78°	2,50	1,55	1,00
78°	3,50	2,54	2,00	77°	2,35	1,48	1,00
77°	3,32	2,42	1,94	76°	2,22	1,42	0,97
76°	3,13	2,32	1,88	75°	2,10	1,36	0,96
75°	2,97	2,22	1,83	74°	1,98	1,31	0,94
74°	2,82	2,13	1,78	72°	1,78	1,22	0,90
72°	2,55	1,95	1,67	70°	1,61	1,14	0,87
70°	2,33	1,81	1,58	68°	1,48	1,07	0,83
68°	2,14	1,69	1,48	66°	1,36	1,00	0,81
66°	1,97	1,58	1,40	64°	1,25	0,95	0,78
64°	1,83	1,48	1,31	62°	1,16	0,90	0,75
62°	1,71	1,40	1,24	60°	1,08	0,86	0,73
60°	1,51	1,32	1,17	58°	1,01	0,82	0,72
59°	1,38	1,28	1,14	57°	0,90	0,79	0,71
58°	1,23	1,18	1,10	56°	0,80	0,74	0,70
56°	1,02	0,95	0,90	54°	0,60	0,55	0,52
54°	0,80	0,72	0,69				
52°	0,60	0,52	0,50				
Ângulo crítico da lança	51°			Ângulo crítico da lança	53°		

KATO NK 500E-III

Tabela de Cargas - Lança principal

Raio (metro)	Com patolas estendidas - Lateral e traseira					Sem patolas Lança de 10,8 m
	10,8 m	18,1 m	25,4 m	32,7 m	40,0 m	
3,0	50,50	28,00				8,0
3,5	42,20	28,00	18,00			6,4
4,0	37,00	28,00	18,00			5,1
4,5	33,00	28,00	18,00			4,2
5,0	30,20	28,00	18,00	13,00		3,4
5,5	27,50	25,60	18,00	13,00		2,8
6,0	25,00	23,50	18,00	13,00		2,3
6,5	22,70	21,80	18,00	13,00	7,50	1,9
7,0	20,70	20,00	16,80	13,00	7,50	1,6
7,5	18,90	18,50	15,70	13,00	7,50	1,3
8,0	17,40	17,00	14,80	12,30	7,50	1,0
8,5	15,65	15,40	14,00	11,60	7,50	
9,0	14,00	13,85	13,20	11,00	7,50	
9,5		12,50	12,20	10,50	7,50	
10,0		11,40	11,15	10,00	7,50	
11,0		9,50	9,40	9,10	6,80	
12,0		8,00	7,90	8,30	6,30	
13,0		6,80	6,60	7,40	5,90	
14,0		5,80	5,60	6,40	5,50	
16,0		4,25	4,00	4,80	4,70	
18,0			2,80	3,60	4,00	
20,0			1,85	2,70	3,25	
22,0			1,20	2,00	2,50	
24,0			0,60	1,40	1,90	
26,0				0,90	1,40	
28,0				0,50	1,00	
30,0					0,65	
31,0					0,50	
Linhas de cabo	12	7	5	4	3	12
Ângulo crítico da lança					35°	

Unidade: tonelada métrica

Peso dos
Moitões

De 50,5 t
500 kg

De 20,0 t
270 kg

De 4,0 t
120 kg

Tabela de Cargas - Lança principal

Raio (metro)	Com patolas estendidas - Lateral e traseira						Sem patolas Lança de 10,8 m
	10,8 m	18,1 m	25,4 m	32,7 m	40,0 m	10,8 m	
	50,50	28,00	18,00	13,00	7,50		
3,0	50,50	28,00					8,0
3,5	42,20	28,00	18,00				6,4
4,0	37,00	28,00	18,00				5,1
4,5	33,00	28,00	18,00				4,2
5,0	30,20	28,00	18,00	13,00			3,4
5,5	27,50	25,60	18,00	13,00			2,8
6,0	25,00	23,50	18,00	13,00			2,3
6,5	22,70	21,80	18,00	13,00	7,50		1,9
7,0	20,70	20,00	16,80	13,00	7,50		1,6
7,5	18,90	18,50	15,70	13,00	7,50		1,3
8,0	17,40	17,00	14,80	12,30	7,50		1,0
8,5	15,65	15,40	14,00	11,60	7,50		
9,0	14,00	13,85	13,20	11,00	7,50		
9,5		12,50	12,20	10,50	7,50		
10,0		11,40	11,15	10,00	7,50		
11,0		9,50	9,40	9,10	6,80		
12,0		8,00	7,90	8,30	6,30		
13,0		6,80	6,60	7,40	5,90		
14,0		5,80	5,60	6,40	5,50		
16,0		4,25	4,00	4,80	4,70		
18,0			2,80	3,60	4,00		
20,0			1,85	2,70	3,25		
22,0			1,20	2,00	2,50		
24,0			0,60	1,40	1,90		
26,0				0,90	1,40		
28,0				0,50	1,00		
30,0					0,65		
31,0					0,50		
Linhas de cabo	12	7	5	4	3	12	
Ângulo crítico da lança					35°		

Unidade: tonelada métrica

Tabela de Cargas - JIB's

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	Jib de 9,2 m			Ângulo da lança	Jib de 15,0 m			Ângulo crítico da lança	
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81°	3,50	2,70	2,00	81°	2,50	1,60	1,00		
80°	3,50	2,70	2,00	79°	2,50	1,60	1,00		
79°	3,50	2,66	2,00	78°	2,50	1,55	1,00		
78°	3,50	2,54	2,00	77°	2,35	1,48	1,00		
77°	3,32	2,42	1,94	76°	2,22	1,42	0,97		
76°	3,13	2,32	1,88	75°	2,10	1,36	0,96		
75°	2,97	2,22	1,83	74°	1,98	1,31	0,94		
74°	2,82	2,13	1,78	72°	1,78	1,22	0,90		
72°	2,55	1,95	1,67	70°	1,61	1,14	0,87		
70°	2,33	1,81	1,58	68°	1,48	1,07	0,83		
68°	2,14	1,69	1,48	66°	1,36	1,00	0,81		
66°	1,97	1,58	1,40	64°	1,26	0,95	0,78		
64°	1,83	1,48	1,31	62°	1,16	0,90	0,75		
62°	1,71	1,40	1,24	60°	1,08	0,86	0,73		
60°	1,51	1,32	1,17	58°	1,01	0,82	0,72		
59°	1,38	1,28	1,14	57°	0,90	0,79	0,71		
58°	1,23	1,18	1,10	56°	0,80	0,74	0,70		
56°	1,02	0,95	0,90	54°	0,60	0,55	0,52		
54°	0,80	0,72	0,69						
52°	0,60	0,52	0,50						
Ângulo crítico da lança		51°		Ângulo crítico da lança				53°	

Peso dos Moitões

De 50,5 t
500 kgDe 20,0 t
270 kgDe 4,0 t
120 kg

RATED LIFTING CAPACITY (3)

(Unit: metric ton)

Forking radius (m)	With intermediately extended outriggers – 360° full range With fully extended outriggers – over front				
	10.8m Boom	18.1m Boom	25.4m Boom	32.7m Boom	40.0m Boom
3.0	32.00	20.00			
3.5	32.00	20.00	15.00		
4.0	32.00	20.00	15.00	10.00	
4.5	27.00	20.00	15.00	10.00	
5.0	20.20	20.00	15.00	10.00	
5.5	15.85	15.60	15.00	10.00	6.00
6.0	12.85	12.55	12.35	10.00	6.00
6.5	10.60	10.30	10.00	10.00	6.00
7.0	8.90	8.60	8.40	9.45	6.00
7.5	7.50	7.25	7.10	8.10	6.00
8.0	6.40	6.20	6.00	7.00	6.00
9.0	4.80	4.55	4.30	5.30	6.00
10.0		3.25	3.05	4.10	4.65
11.0		2.25	2.05	3.05	3.70
12.0		1.45	1.25	2.20	2.90
13.0				1.55	2.25
14.0				1.05	1.70
15.0					1.25
Parts of line	12	7	5	4	3
Critical boom angle		40°	59°	63°	67°

8) The minimum number of parts of line is determined so that the weight per part will not exceed 4,000kg. The number of parts of line for the various boom lengths (with a standard hook) is as follows:

9) In principal, free fall should only be allowed with the hook only, but when free fall under laden conditions cannot be avoided, a limit of 20% of the rated lifting capacity should be set and sudden braking must be avoided at all costs.

10) Over front lifting performance is inferior to over side/over rear lifting performance. Great care should be taken when transferring from over side to over front since there is a danger of overloading.

11) When optional front jack is extended, over front performance is the same as over side/over rear performance. Therefore, in case outriggers are fully extended, please refer to the Rated lifting capacity table (1) and (2).

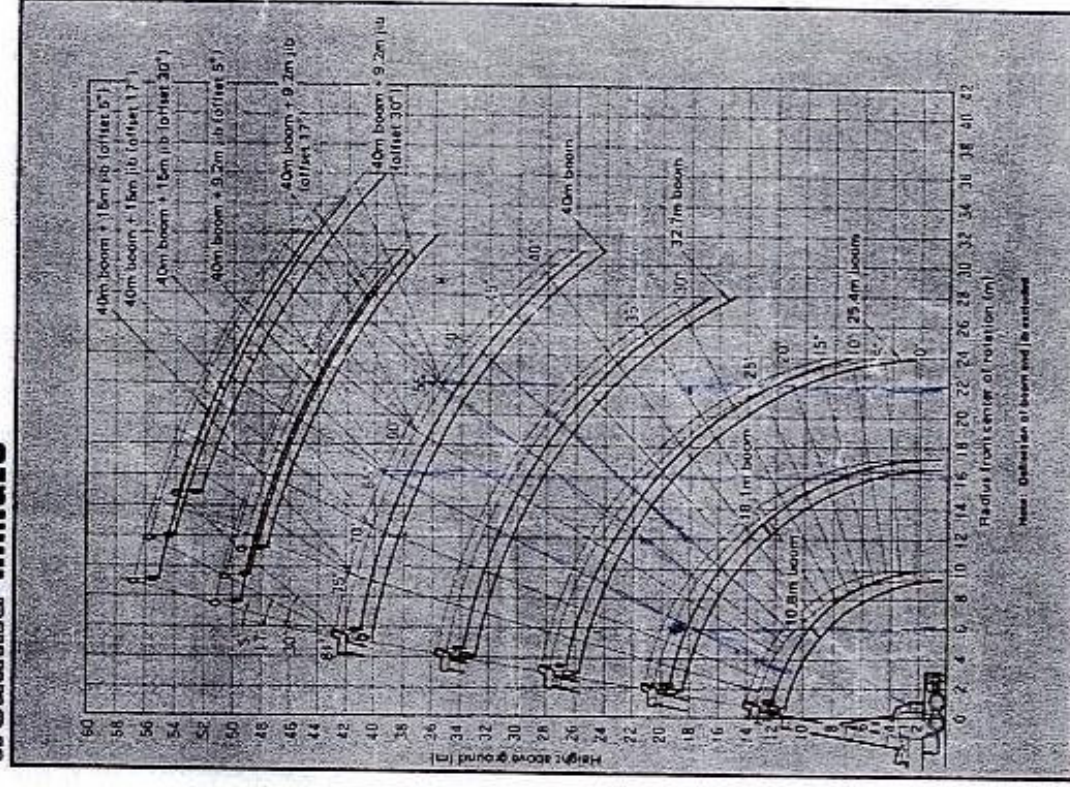
In case outriggers are intermediately extended, please refer to the Rated lifting capacity table (3) and (4).

RATED LIFTING CAPACITY (4)

(Unit: metric ton)

Boom Angle	9.2m Jib			15m Jibs		
	Offset 5°	Offset 17°	Offset 30°	Offset 5°	Offset 17°	Offset 30°
81°	3.50	2.70	2.00	2.50	1.60	1.00
80°	3.50	2.70	2.00	2.50	1.60	1.00
79°	3.50	2.66	2.00	2.50	1.55	1.00
78°	3.43	2.54	2.00	2.20	1.48	1.00
77°	2.88	2.42	1.94	1.87	1.42	
76°	2.44	2.11	1.81	1.58		
75°	2.06	1.75				
74°	1.73					
Parts of line	1			1		
Critical boom angle	73°	74°	75°	74°	75°	76°

WORKING RANGES



WORKING RANGES

