

KATO NK-250- v2 HYDRAULIC CRANE

MAIN BOOM

TOTAL RATED LOAD IN KILOGRAMS – THIS DOCUMENT SHOULD BE READ IN CONJUNCTION WITH THE A.C.S.

Outriggers full extension + front jack down (360°)

Outriggers fully extension (over front and rear)

B (m) \ A →	10.5m	14.2m	18.0m	21.7m	25.5m	29.2m	33.0m
2.5	25000	20000	16000				
3.0	25000	20000	16000				
3.5	25000	20000	16000	12000			
4.0	22900	20000	16000	12000	11500		
4.5	21000	20000	16000	12000	11500		
5.0	19400	18400	16000	12000	11500	9000	
6.0	16200	15300	13700	12000	11500	9000	
7.0	13700	12650	11950	11000	10000	9000	7000
8.0	11500	10650	10550	10200	8900	8200	7000
8.8	9500	9300	9200	9400	8250	7600	6400
9.0		9000	8800	9200	8050	7450	6250
10.0		7350	7200	7700	7300	6750	5700
12.0		5050	4950	5450	5750	5650	4800
12.5		4600	4550	5000	5300	5450	4550
13.0			4200	4600	4950	5050	4450
14.0			3550	4000	4250	4450	4100
16.0			2650	3000	3200	3450	3500
16.3			2550	2900	3100	3350	3400
18.0				2300	2500	2700	2800
20.0				1700	1900	2100	2200
22.0					1450	1600	1700
23.8					1150	1250	1400
26.0						950	1050
27.5						700	900
29.0							650
31.3							450

A: Boom Length

B: Working Radius (m)

FLY JIB

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Outriggers full extension + front jack down (360°)

Outriggers fully extension (over front and rear)

TABLE A	33m BOOM + 8.7m JIB						TABLE B	33m BOOM + 14.5m JIB					
	5°OFFSET		17°OFFSET		30°OFFSET			5°OFFSET		17°OFFSET		30°OFFSET	
BOOM ANGLE °	A (m)	B (kg)	A (m)	B (kg)	A (m)	B (kg)	BOOM ANGLE °	A (m)	B (kg)	A (m)	B (kg)	A (m)	B (kg)
80	8.0	3000	9.6	2200	11.3	1600	80	9.9	2000	12.5	1300	15.1	900
76	11.0	3000	12.5	2200	14.0	1600	77.7	12.0	2000	14.5	1300	16.9	900
74	12.5	2720	14.0	2050	15.3	1540	76.3	13.2	1850	15.7	1240	18.0	900
70	15.3	2260	16.6	1780	18.0	1450	72	16.4	1500	19.0	1060	21.2	810
66	18.0	1920	19.2	1570	20.4	1300	68	19.5	1250	22.0	910	24.0	740
62	20.5	1680	21.8	1380	22.8	1170	64	22.6	1060	24.8	790	26.6	670
58	23.0	1480	24.1	1240	25.0	1060	60	25.4	900	27.4	700	29.1	600
56	24.0	1280	25.2	1180	26.0	1020	56	28.0	770	29.9	640	31.5	550
54	25.1	1080	26.3	1000	27.1	980	52	30.7	660	32.4	570	33.7	520
50	27.2	740	28.2	700	29.0	670	51	31.2	610	33.0	550	34.2	510
46	29.2	470	30.1	440	30.7	430	50.4	31.6	570	33.3	520	34.5	500
43	30.6	300	31.5	300	32.0	300	48	32.9	450	34.5	400	35.6	380
							46	33.9	350	35.2	330	36.5	300

A: Working Radius (m)

B: Permitted Load (kg)