

KATO KR-300 RATED LIFTING CAPACITY TABLE (2) WITH OUTRIGGERS AND JIB

Based on *BS 1757:1981 *DIN 15019-2 *75% of tipping loads

(in metric ton)

Boom angle (°)		28.4 m Boom + 7.42 m Jib					
		With fully extended outriggers 360° full range			With intermediately extended outriggers (5.0m)		
		offset 5°		offset 17°		offset 30°	
		Working radius (m)	Load	Working radius (m)	Load	Working radius (m)	Load
80.0		6.5	3.00	7.9	2.40	9.3	2.00
70.5		12.6	3.00	14.0	2.40	14.9	2.00
65.0		15.9	2.35	17.0	1.95	17.9	1.75
60.0		18.6	2.00	19.6	1.75	20.5	1.55
55.0		21.0	1.75	22.1	1.55	22.7	1.35
50.0		23.1	1.35	24.1	1.25	24.8	1.25
45.0		25.3	1.00	26.2	0.95	26.7	0.95
40.0		27.4	0.75	27.8	0.75	28.3	0.75
35.0		28.8	0.60	29.4	0.55	29.7	0.55
30.0		30.3	0.45	30.7	0.45	30.9	0.40
Critical boom angle		—		—		—	
		35°		35°		35°	
		52°		52°		52°	
		52°		52°		52°	

Boom angle (°)		28.4 m Boom + 12.1 m Jib					
		With fully extended outriggers 360° full range			With intermediately extended outriggers (5.0m)		
		offset 5°		offset 17°		offset 30°	
		Working radius (m)	Load	Working radius (m)	Load	Working radius (m)	Load
80.0		7.9	2.00	10.2	1.40	12.7	1.10
75.0		11.7	2.00	13.8	1.40	15.7	1.10
70.0		15.1	1.65	17.1	1.15	19.0	0.95
65.0		18.3	1.30	20.2	0.95	22.0	0.85
60.0		21.3	1.10	23.1	0.85	24.6	0.80
55.0		24.1	1.00	25.7	0.80	27.1	0.75
50.0		26.7	0.90	28.4	0.75	29.4	0.70
45.0		29.3	0.80	30.3	0.70	31.3	0.65
40.0		31.3	0.60	32.2	0.55	33.0	0.55
35.0		33.1	0.45	33.9	0.45	34.4	0.45
Critical boom angle		25°		25°		25°	
		43°		43°		43°	
		55°		55°		55°	
		55°		55°		55°	