

KATO KR-300 RATED LIFTING CAPACITY TABLE (3) WITHOUT OUTRIGGERS

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

(in metric ton)

Working radius (m)	Stationary load lifting on rubber										Pick and carry operation (at lower than 2 km/h)										Working radius (m)		
	8.9 m boom		15.4 m boom		21.9 m boom		28.4 m boom		8.9 m boom		15.4 m boom		21.9 m boom		28.4 m boom		360° full range						
	Over front	360° full range	Over front	360° full range	Over front	360° full range	Over front	360° full range	Over front	360° full range	Over front	360° full range	Over front	360° full range	Over front	360° full range							
3.0	14.00	9.00	9.00	7.30																		3.0	
3.5	14.00	7.60	9.00	7.30	6.50	4.50																	3.5
4.0	12.50	6.30	9.00	5.85	6.50	4.50																	4.0
4.5	10.90	5.20	9.00	4.75	6.50	4.50																	4.5
5.0	9.20	4.30	8.15	4.00	6.50	4.30	4.00	2.70															5.0
5.5	7.85	3.55	7.30	3.30	6.05	3.70	4.00	2.70															5.5
6.0	6.75	3.00	6.45	2.80	5.65	3.20	4.00	2.70															6.0
6.5	5.90	2.50	5.70	2.35	5.25	2.75	4.00	2.70															6.5
7.0			5.00	1.95	4.85	2.40	4.00	2.70															7.0
8.0			3.90	1.40	4.10	1.80	3.55	2.05															8.0
9.0			3.10	0.95	3.45	1.40	3.15	1.60															9.0
10.0			2.45	0.60	2.90	1.05	2.80	1.25															10.0
11.0			2.00		2.40	0.75	2.45	0.95															11.0
12.0			1.60		2.00		2.15	0.70															12.0
13.0			1.25		1.65		1.85																13.0
14.0					1.35		1.55																14.0
15.0					1.10		1.30																15.0
16.0					0.90		1.10																16.0
17.0					0.70		0.90																17.0
18.0					0.55		0.75																18.0
19.0							0.60																19.0
Critical boom angle	—	—	—	36°	—	52°	38°	60°	—	—	52°	38°	60°	—	—	44°	25°	53°	47°	62°	—	—	Critical boom angle