

# KATO KR-300 RATED LIFTING CAPACITY TABLE (1) WITH OUTRIGGERS

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

(in metric ton)

Working radius (m)	With fully extended outriggers					With intermediately extended outriggers (5.0m)					With intermediately extended outriggers (3.7m)					With retracted outriggers (blocked on vertical cyls.)					Working radius (m)
	360° full range					Over side					Over side					Over side					
	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		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		
2.5	30.00	19.20				30.00	19.20				30.00	19.20				12.20	12.00				2.5
3.0	30.00	19.20				30.00	19.20				25.00	19.20				12.20	12.00				3.0
3.5	25.00	19.20	12.35			25.00	19.20	12.35			19.60	19.20	12.35			9.50	9.25	10.00			3.5
4.0	23.00	19.20	12.35			23.00	19.20	12.35			15.55	15.60	12.35			7.70	7.25	7.90			4.0
4.5	21.20	17.70	12.35			21.20	17.70	12.35			12.65	12.60	12.35			6.30	5.90	6.50			4.5
5.0	19.40	16.40	12.35	8.00		18.10	16.40	12.35	8.00		10.60	10.30	10.50	8.00		5.25	4.85	5.45	5.60		5.0
5.5	17.75	15.10	11.45	8.00		15.35	14.20	11.45	8.00		9.05	8.70	9.00	8.00		4.45	4.05	4.60	4.80		5.5
6.0	16.30	13.95	10.60	8.00		12.90	12.30	10.60	8.00		7.70	7.50	7.80	8.00		3.80	3.45	3.95	4.20		6.0
6.5	15.05	13.00	9.90	8.00		11.00	10.55	9.90	8.00		6.50	6.50	6.85	7.20		3.30	2.90	3.40	3.65		6.5
7.0		12.10	9.25	7.60			9.15	9.25	7.60			5.60	6.10	6.40			2.50	2.95	3.20		7.0
8.0		9.95	8.20	6.75			7.05	7.55	6.75			4.35	4.90	5.15			1.80	2.25	2.50		8.0
9.0		8.10	7.40	6.05			5.65	6.20	6.05			3.40	3.95	4.20			1.20	1.75	2.00		9.0
10.0		6.60	6.65	5.50			4.60	5.15	5.50			2.70	3.25	3.50			0.75	1.35	1.55		10.0
11.0		5.50	6.00	5.00			3.80	4.30	4.60			2.10	2.65	2.90				0.95	1.20		11.0
12.0		4.65	5.15	4.55			3.15	3.65	3.90			1.65	2.20	2.45					0.90		12.0
13.0		3.95	4.45	4.20			2.60	3.10	3.35			1.30	1.80	2.05							13.0
14.0			3.85	3.85				2.65	2.95				1.45	1.70							14.0
15.0			3.35	3.60				2.30	2.55				1.20	1.45							15.0
16.0			2.95	3.20				1.95	2.20				0.95	1.20							16.0
17.0			2.60	2.85				1.65	1.90				0.75	1.00							17.0
18.0			2.30	2.55				1.40	1.65				0.55	0.80							18.0
19.0			2.00	2.25				1.20	1.45					0.65							19.0
20.0				2.00				1.25	1.25					0.50							20.0
22.0				1.60					0.90												22.0
24.0				1.25					0.65												24.0
26.0				1.00																	26.0
Critical boom angle	—	—	—	—	—	—	—	—	—	—	—	—	—	35°	—	—	35°	—	—	60°	Critical boom angle