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)

28.4 m Boom + 7.42 m Jib

With fully extended outriggers						Boom angle (°)	With intermediately extended outriggers (5.0m)						Boom angle (°)	With intermediately extended outriggers (3.7m)					
360° full range							Over side							Over side					
offset 5°		offset 17°		offset 30°			offset 5°		offset 17°		offset 30°			offset 5°		offset 17°		offset 30°	
Working radius (m)	Load	Working radius (m)	Load	Working radius (m)	Load		Working radius (m)	Load	Working radius (m)	Load	Working radius (m)	Load		Working radius (m)	Load	Working radius (m)	Load	Working radius (m)	Load
6.5	3.00	7.9	2.40	9.3	2.00	80.0	6.5	3.00	7.9	2.40	9.3	2.00	80.0	6.5	3.00	7.9	2.40	9.3	2.00
12.6	3.00	14.0	2.40	14.9	2.00	70.5	12.6	3.00	14.0	2.40	14.9	2.00	74.0	10.6	3.00	11.9	2.40	13.0	2.00
15.9	2.35	17.0	1.95	17.9	1.75	66.0	15.3	2.50	16.5	2.00	17.4	1.80	72.5	11.5	2.65	12.8	2.40	13.9	2.00
18.6	2.00	19.6	1.75	20.5	1.55	64.0	16.3	2.15	17.5	1.90	18.4	1.70	70.0	12.8	2.20	14.1	1.90	15.2	1.65
21.0	1.75	22.1	1.55	22.7	1.35	62.0	17.4	1.82	18.5	1.70	19.5	1.60	65.0	15.5	1.35	16.6	1.20	17.7	1.10
23.1	1.35	24.1	1.25	24.8	1.25	60.0	18.3	1.60	19.5	1.45	20.4	1.40	60.0	17.9	0.80	19.1	0.75	20.0	0.70
25.3	1.00	26.2	0.95	26.7	0.95	55.0	20.2	1.20	21.8	1.05	22.6	1.00	56.0	19.9	0.45	20.9	0.45	21.9	0.40
27.4	0.75	27.8	0.75	28.3	0.75	50.0	23.0	0.75	24.0	0.70	24.6	0.70	Critical boom angle	52°		52°		52°	
28.8	0.60	29.4	0.55	29.7	0.55	45.0	25.1	0.50	25.8	0.45	26.5	0.45							
30.3	0.45	30.7	0.45	30.9	0.40	Critical boom angle	35°		35°		35°								
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28.4 m Boom + 12.1 m Jib

With fully extended outriggers						Boom angle (°)	With intermediately extended outriggers (5.0m)						Boom angle (°)	With intermediately extended outriggers (3.7m)					
360° full range							Over side							Over side					
offset 5°		offset 17°		offset 30°			offset 5°		offset 17°		offset 30°			offset 5°		offset 17°		offset 30°	
Working radius (m)	Load	Working radius (m)	Load	Working radius (m)	Load		Working radius (m)	Load	Working radius (m)	Load	Working radius (m)	Load		Working radius (m)	Load	Working radius (m)	Load	Working radius (m)	Load
7.9	2.00	10.2	1.40	12.7	1.10	80.0	7.9	2.00	10.2	1.40	12.7	1.10	80.0	7.9	2.00	10.2	1.40	12.7	1.10
11.7	2.00	13.8	1.40	15.7	1.10	75.0	11.7	2.00	13.8	1.40	15.7	1.10	75.0	11.7	2.00	13.8	1.40	15.7	1.10
15.1	1.65	17.1	1.15	19.0	0.95	70.0	15.1	1.65	17.1	1.15	19.0	0.95	70.0	15.1	1.65	17.1	1.15	19.0	0.95
18.3	1.30	20.2	0.95	22.0	0.85	65.0	18.3	1.30	20.2	0.95	22.0	0.85	65.0	18.1	1.05	20.0	0.95	21.9	0.80
21.3	1.10	23.1	0.85	24.6	0.80	60.0	21.3	1.10	23.1	0.85	24.6	0.80	60.0	20.9	0.60	22.7	0.50	24.3	0.45
24.1	1.00	25.7	0.80	27.1	0.75	55.0	24.0	0.90	25.7	0.80	27.0	0.75	Critical boom angle	55°		55°		55°	
26.7	0.90	28.4	0.75	29.4	0.70	50.0	26.6	0.55	27.9	0.55	29.1	0.50							
29.3	0.80	30.3	0.70	31.3	0.65	48.0	27.5	0.45	28.8	0.45	30.0	0.40							
31.3	0.60	32.2	0.55	33.0	0.55	Critical boom angle	43°		43°		43°								
33.1	0.45	33.9	0.45	34.4	0.45														
25°		25°		25°															