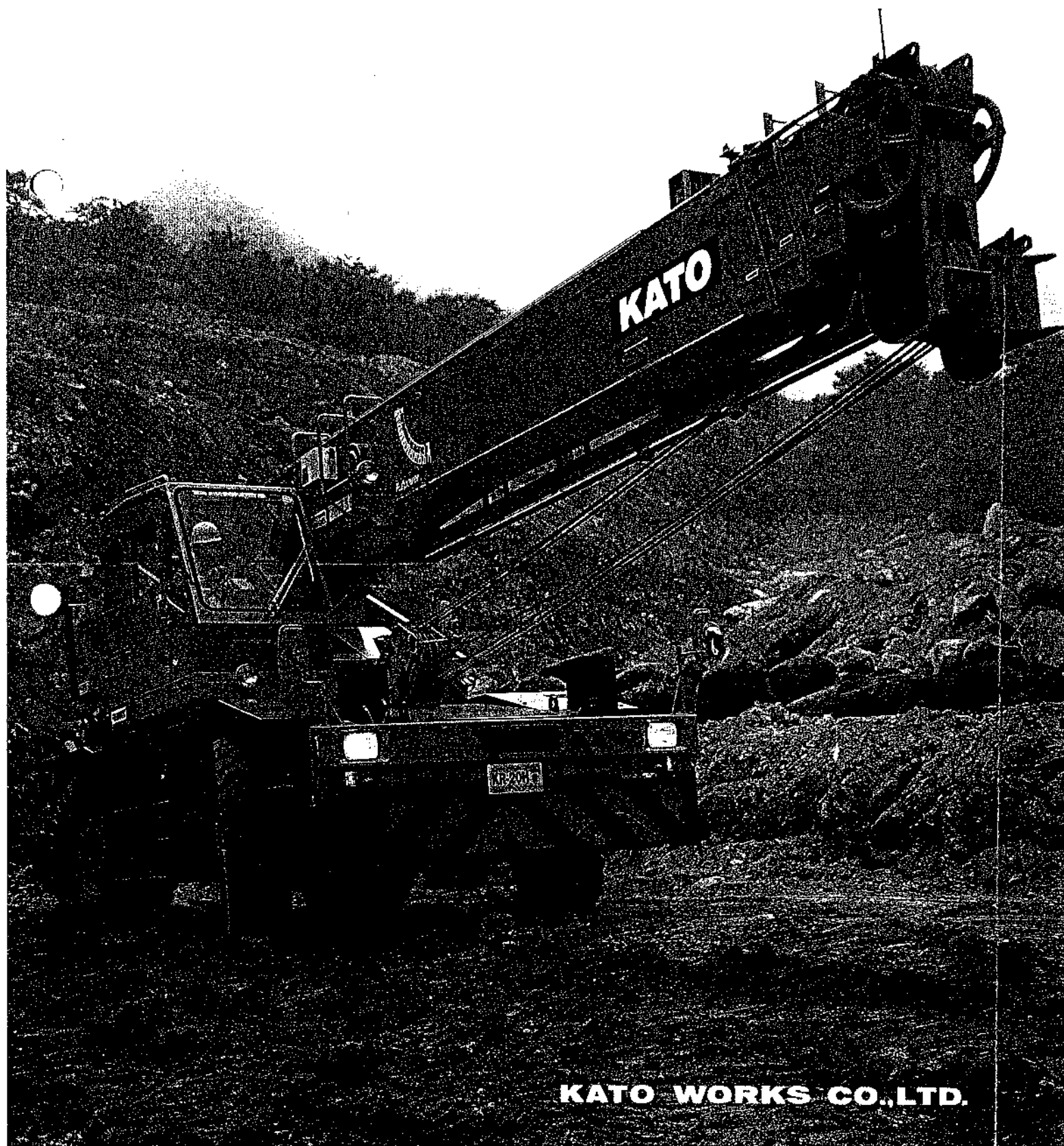


KATO

ROUGH TERRAIN CRANE

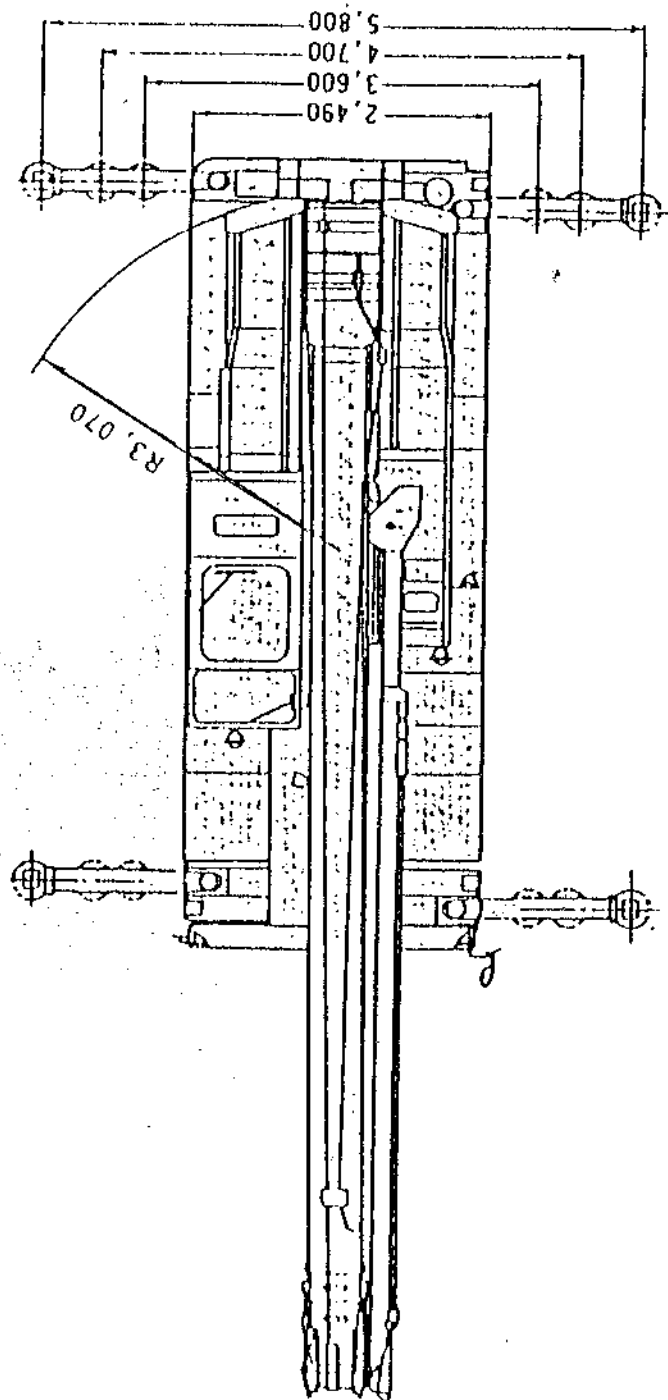
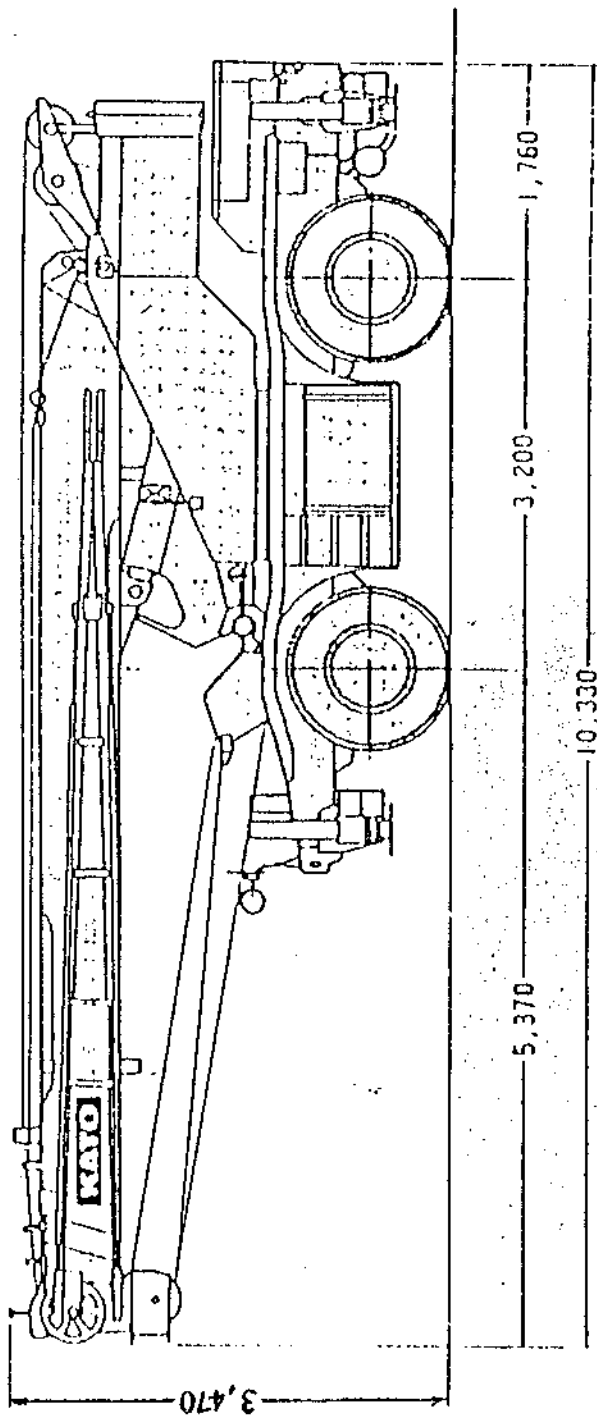
KR-20H-III

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City Top®

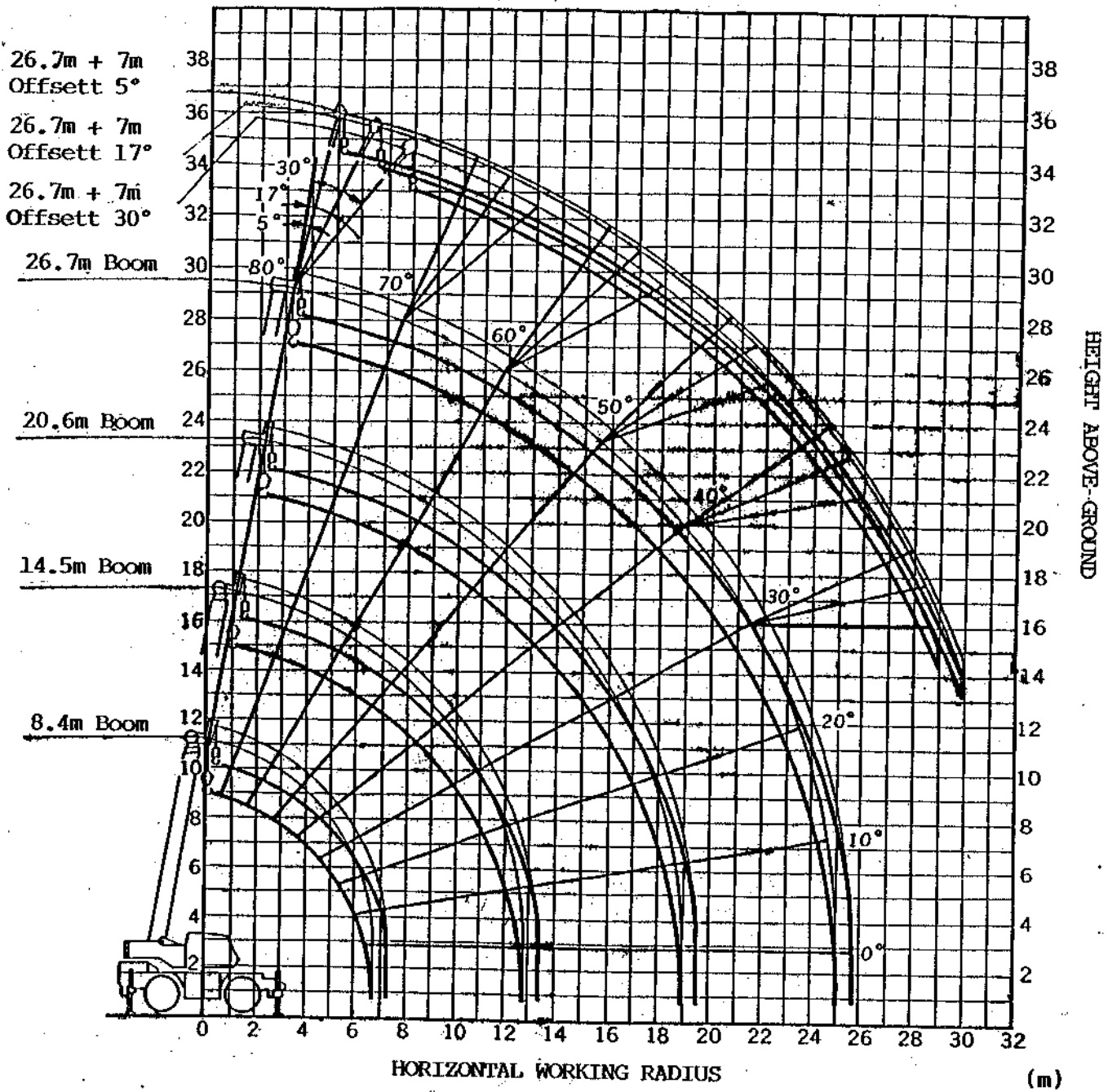


KATO WORKS CO., LTD.

KR-20H-III



WORKING RANGE DIAGRAM



KATO KR-20H-III

Working Radius (m)	Outriggers— fully extended				Outriggers - 4.7m			
	8.4m Boom	14.5m Boom	20.6m Boom	26.7m Boom	8.4m Boom	14.5m Boom	20.6m Boom	26.7m Boom
2.5	20.00	16.00			20.00	16.00		
3.0	20.00	16.00			20.00	16.00		
3.5	20.00	16.00	9.00		20.00	16.00	9.00	
4.0	18.50	15.50	9.00		18.50	15.50	9.00	
4.5	16.50	14.20	9.00	6.80	16.50	14.20	9.00	6.80
5.0	15.00	13.10	9.00	6.80	15.00	13.10	9.00	6.80
5.5	13.70	12.10	9.00	6.80	12.50	12.10	9.00	6.80
6.0	12.50	11.20	9.00	6.80	10.60	10.20	9.00	6.80
6.5	11.50	10.40	8.50	6.80	9.00	8.75	8.50	6.80
7.0		9.70	8.00	6.80		7.60	8.00	6.80
8.0		8.45	7.10	6.10		5.80	6.45	6.10
9.0		6.70	6.40	5.50		4.65	5.20	5.50
10.0		5.45	5.80	5.00		3.80	4.30	4.55
11.0		4.50	5.05	4.55		3.10	3.60	3.85
12.0		3.80	4.30	4.20		2.55	3.05	3.30
13.0			3.70	3.80			2.60	2.80
14.0			3.20	3.45			2.20	2.40
15.0			2.80	3.00			1.90	2.10
16.0			2.40	2.65			1.60	1.80
17.0			2.10	2.35			1.35	1.60
18.0			1.85	2.10			1.15	1.35
19.0				1.85				1.15
20.0				1.60				1.00
22.0				1.25				0.70
24.0				0.95				0.50
25.0				0.80				

KATO KR-20H-III

Outriggers - 3.6m				On Rubbers				Working Radius (m)
8.4m Boom	14.5m Boom	20.6m Boom	26.7m Boom	8.4m Boom	14.5m Boom	20.6m Boom	26.7m Boom	
20.00	16.00			10.50	9.50			2.5
20.00	16.00			10.50	9.50			3.0
18.80	16.00	9.00		8.20	7.60	6.50		3.5
14.50	13.60	9.00		6.50	6.10	6.50		4.0
11.50	11.10	9.00	6.80	5.35	4.90	5.50	4.00	4.5
9.50	9.10	9.00	6.80	4.45	4.10	4.60	4.00	5.0
8.00	7.65	8.10	6.80	3.75	3.40	3.90	4.00	5.5
6.90	6.50	7.00	6.80	3.20	2.85	3.30	3.50	6.0
6.00	5.60	6.15	6.30	2.70	2.40	2.85	3.05	6.5
	4.85	5.40	5.60		2.05	2.50	2.65	7.0
	3.75	4.25	4.50		1.40	1.85	2.10	8.0
	2.95	3.40	3.70		0.90	1.40	1.65	9.0
	2.35	2.80	3.05		0.55	1.05	1.30	10.0
	1.85	2.30	2.55			0.75	1.00	11.0
	1.45	1.90	2.15				0.75	12.0
		1.55	1.80					13.0
		1.30	1.50					14.0
		1.05	1.25					15.0
		0.85	1.05					16.0
		0.65	0.85					17.0
		0.50	0.70					18.0
			0.55					19.0
								20.0
								22.0
								24.0
								25.0
—	—	—	35°	—	33°	50°	58°	

7 METRES JIB LIFTING CAPACITIES

KATO KR-20H III. ROUGH TERRAIN CRANE

OUTRIGGERS FULLY EXTENDED						
MAIN BOOM ANGLE	7M JIB 5°Offset		7M JIB 17°Offset		7M JIB 30°Offset	
	Radius (m)	(ton)	Radius (m)	(ton)	Radius (m)	(ton)
80.0	6.2	3.00	7.5	2.40	8.8	2.00
75.0	9.4	3.00	10.5	2.40	11.7	2.00
73.0	10.6	3.00	11.5	2.40	12.8	2.00
70.5	12.0	3.00	13.0	2.40	14.0	2.00
65.0	14.9	2.40	15.8	2.05	16.8	1.80
60.0	17.4	2.05	18.2	1.80	19.2	1.65
55.0	19.8	1.80	20.5	1.60	21.3	1.55
53.0	20.7	1.65	21.4	1.55	22.1	1.50
50.0	21.9	1.45	22.7	1.40	23.2	1.35
45.0	23.8	1.15	24.5	1.10	25.0	1.05
40.0	25.6	0.90	26.2	0.85	26.6	0.85
35.0	27.2	0.70	27.7	0.68	27.9	0.70
30.0	28.6	0.55	29.0	0.55	29.0	0.55
25.0	29.8	0.46	30.0	0.45		
23.6	30.0	0.45				

OUTRIGGERS — 4.7 metres						
MAIN BOOM ANGLE	7M JIB 5°Offset		7M JIB 17°Offset		7M JIB 30°Offset	
	RADIUS (M)	(TON)	RADIUS (M)	(TON)	RADIUS (M)	(TON)
80.0	6.2	3.00	7.5	2.40	8.8	2.00
75.0	9.4	3.00	10.5	2.40	11.7	2.00
70.5	12.0	3.00	13.0	2.40	14.0	2.00
66.5	14.1	2.55	15.0	2.15	16.1	1.95
63.5	15.5	2.10	16.5	1.95	17.6	1.75
60.0	17.2	1.70	18.2	1.60	19.2	1.45
55.0	19.6	1.20	20.5	1.15	21.2	1.10
50.0	21.7	0.90	22.6	0.85	23.1	0.80
45.0	23.6	0.65	24.5	0.60	24.9	0.55
40.0	25.4	0.45	25.9	0.45	26.4	0.40
	30°		30°		30°	

OUTRIGGERS — 3.6 METRES						
MAIN BOOM ANGLE	7M JIB 5°Offset		7M JIB 17°Offset		7M JIB 30°Offset	
	RADIUS (M)	(TON)	RADIUS (M)	(TON)	RADIUS (M)	(TON)
80.0	6.2	3.00	7.5	2.40	8.8	2.00
75.0	9.4	3.00	10.5	2.40	11.7	2.00
73.5	10.4	3.00	11.3	2.40	12.5	2.00
72.0	11.1	2.65	12.2	2.40	13.3	2.00
71.0	11.6	2.45	12.7	2.20	13.8	2.00
68.0	13.0	1.95	14.2	1.75	15.3	1.60
65.0	14.6	1.55	15.6	1.40	16.7	1.30
60.0	16.8	1.05	18.0	0.95	18.9	0.90
55.0	19.3	0.65	20.2	0.60	21.1	0.55
53.0	20.0	0.55	21.0	0.50	21.9	0.45
	48°		48°		48°	

