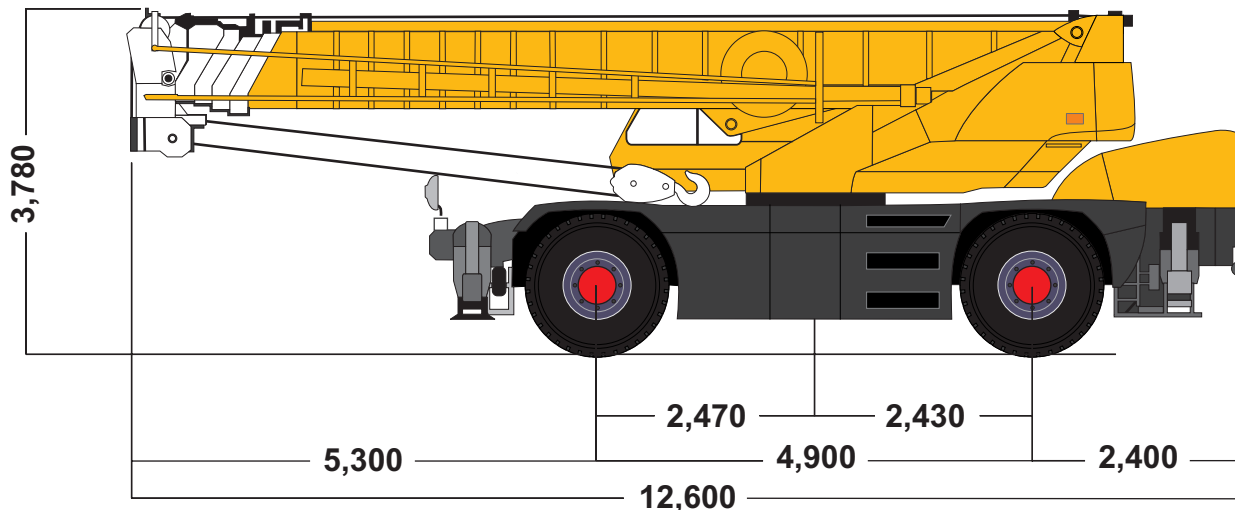
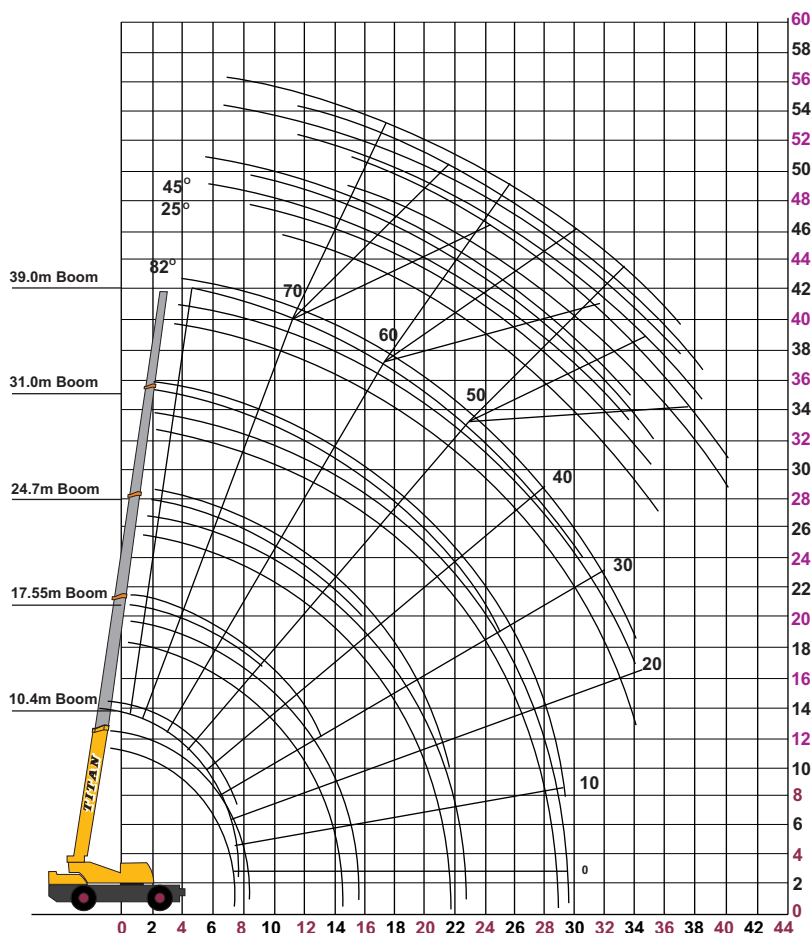
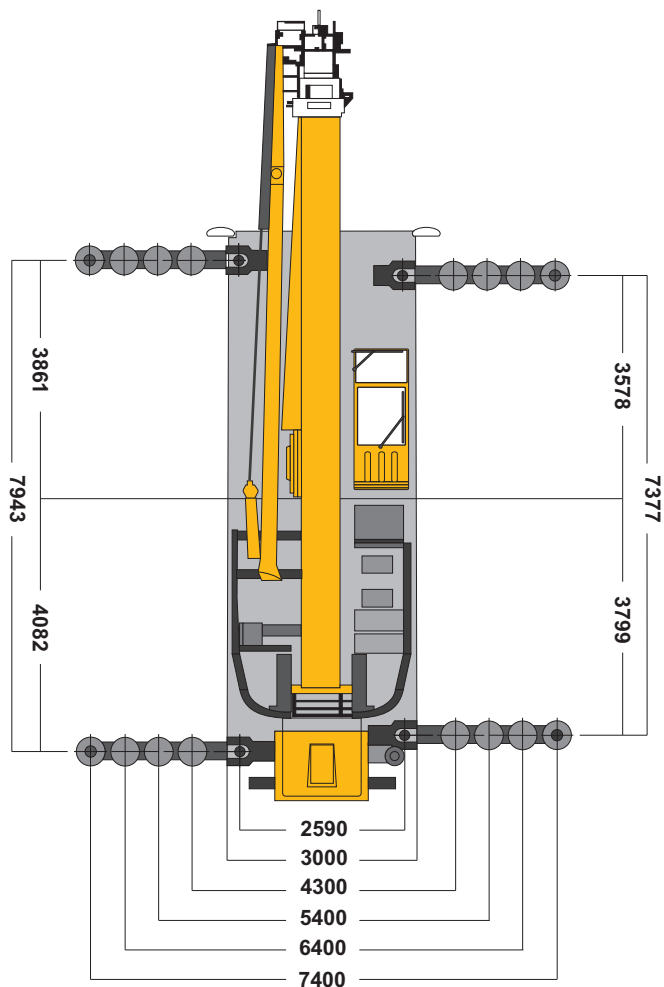




GENERAL DIMENSIONS

WORKING RANGE - MAIN BOOM



AUCKLAND

Walmsley Road
Otahuhu
Ph: 09 276 3019
Fax: 09 276 5442

TAURANGA

56 Hull Road
Mt Maunganui
Ph: 07 574 2920
Fax: 07 574 2921

NEW PLYMOUTH

Breakwater Road
Moturoa
Ph: 06 751 0400
Fax: 06 751 3726

LOWER HUTT

Port Road
Seaview
Ph: 04 568 3104
Fax: 04 586 4185

CHRISTCHURCH

26 Birmingham Drive
Christchurch
Ph: 03 338 2818
Fax: 03 338 2763

DUNEDIN

53 Main South Road
Burnside
Ph: 03 488 5462
Fax: 03 488 4006

INVERCARGILL

119 North Road
Invercargill
Ph: 03 215 30
Fax: 03 215 4244



KATO KR-50H

45 TONNE ROUGH TERRAIN CRANE

LOAD RATINGS IN TONNES

360°

BS 1757

MAIN BOOM RATED LOADS

Work Radius (m)	(7.3m)				
	Outriggers Fully Extended (Full Radius)				
	10.4m Boom	17.55m Boom	24.7m Boom	31.85m Boom	39.0m Boom
3.0	45.00	28.00	20.00	14.00	
3.5	41.00	28.00	20.00	14.00	
4.0	37.00	28.00	20.00	14.00	7.60
4.5	33.50	28.00	20.00	14.00	7.60
5.0	30.20	28.00	20.00	14.00	7.60
5.5	27.50	26.10	20.00	14.00	7.60
6.0	25.00	24.40	20.00	14.00	7.60
6.5	22.70	22.40	18.70	14.00	7.60
7.0	20.70	20.60	17.60	13.50	7.60
7.5		18.90	16.60	13.00	7.60
8.0		17.50	15.60	12.50	7.60
8.5		16.20	14.70	11.90	7.60
9.0		15.00	13.90	11.30	7.60
10.0		13.00	12.30	10.30	7.60
11.0		10.80	10.50	9.40	7.10
12.0		9.00	8.90	8.65	6.60
13.0		7.60	7.50	8.00	6.15
14.0		6.50	6.40	7.10	5.75
15.0			5.50	6.30	5.35
16.0			4.70	5.55	5.00
18.0			3.40	4.30	4.40
20.0			2.50	3.30	3.90
21.0			2.10	2.90	3.50
22.0				2.55	3.10
24.0				1.90	2.40
26.0				1.40	1.90
28.0				0.95	1.45
30.0					1.10
32.0					0.75
34.0					0.50
Critical Boom Angle	-	-	-	-	-

360°

BS 1757

39.0m Boom + 9.0m Fly Jib						
Boom Angle (°)	(7.3m)					
	Outriggers Fully Extended (Full Radius)					
	Offset 5°		Offset 25°		Offset 45°	
	Work Radius (m)	Load (ton)	Work Radius (m)	Load (ton)	Work Radius (m)	Load (ton)
82.0	6.0	3.50	10.0	2.40	11.0	1.60
77.0	11.5	3.50	14.0	2.40	15.8	1.60
75.0	13.0	3.50	15.6	2.30	17.5	1.60
73.0	14.7	3.15	17.2	2.15	18.8	1.55
70.0	17.0	2.75	19.5	1.95	21.0	1.50
66.0	20.1	2.30	22.4	1.70	23.7	1.45
64.0	21.6	2.15	23.8	1.60	25.0	1.40
60.0	24.7	1.85	26.6	1.45	27.5	1.30
57.0	26.7	1.70	28.5	1.35	29.3	1.25
55.0	28.0	1.40	29.7	1.30	30.5	1.20
52.0	30.0	1.00	31.5	0.95	32.1	0.90
50.0	31.1	0.80	32.6	0.75	33.1	0.75
45.0	33.8	0.40	35.1	0.40	35.4	0.40
Critical Boom Angle	42°		42°		42°	

39.0m Boom + 14.5m Fly Jib						
Boom Angle (°)	(7.3m)					
	Outriggers Fully Extended (Full Radius)					
	Offset 5°		Offset 25°		Offset 45°	
	Work Radius (m)	Load (ton)	Work Radius (m)	Load (ton)	Work Radius (m)	Load (ton)
82.0	9.0	2.40	14.0	1.25	17.0	0.80
78.0	12.5	2.40	16.6	1.25	19.6	0.80
77.0	13.5	2.30	17.5	1.25	20.4	0.80
75.0	15.4	2.10	19.3	1.20	22.0	0.80
73.0	17.1	1.95	21.0	1.15	23.5	0.79
70.0	19.7	1.75	23.6	1.08	25.8	0.78
65.0	24.1	1.45	27.6	1.00	29.4	0.75
60.0	28.1	1.25	31.2	0.90	32.7	0.73
55.0	31.8	1.15	34.6	0.83	35.8	0.71
52.0	33.8	0.80	36.5	0.80	37.5	0.70
50.0	35.1	0.65	37.7	0.60	38.5	0.55
47.0	37.0	0.40	39.3	0.40	40.0	0.40
Critical Boom Angle	44°		44°		44°	

OTHER RATINGS AVAILABLE ON REQUEST