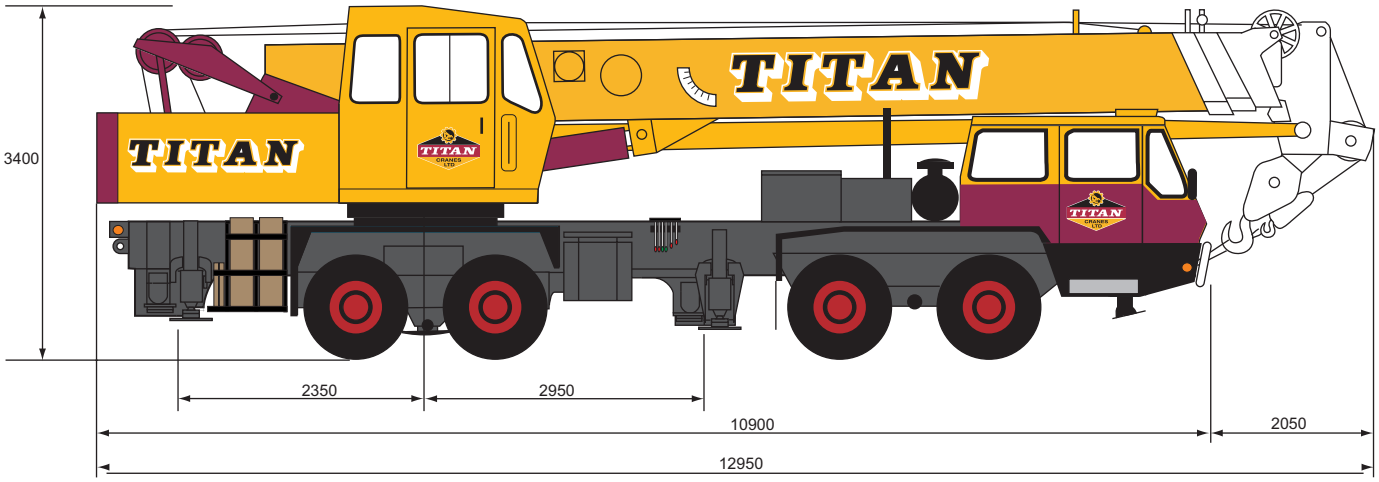
https://truckmanualshub.com/

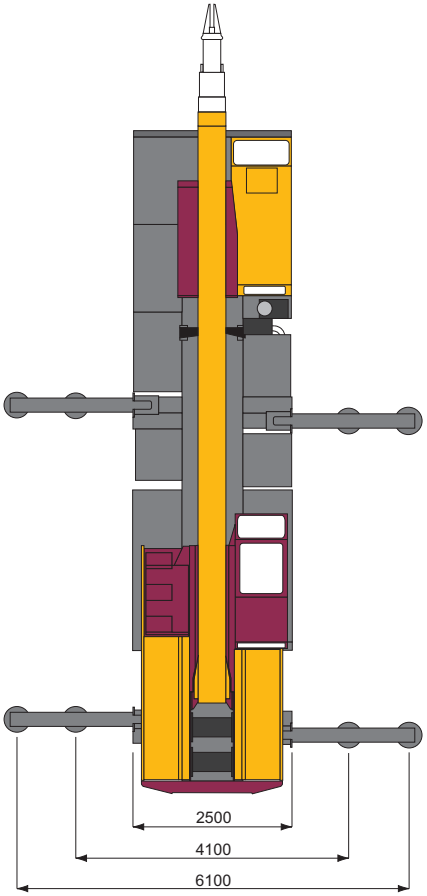
TITAN CRANES LIMITED

KATO Nk250v

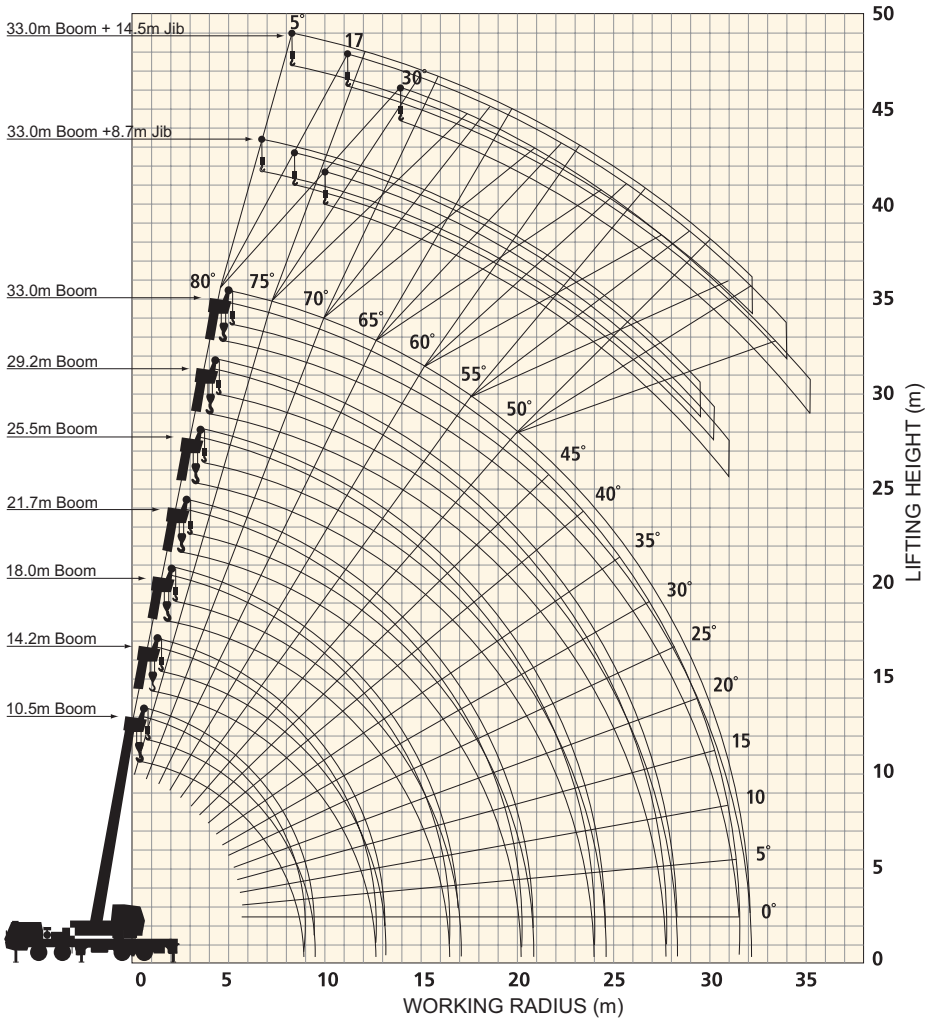
25 TONNE MOBILE HYDRAULIC CRANE



GENERAL DIMENSIONS



WORKING RANGE



https://truckmanualshub.com/

TITAN CRANES LIMITED

KATO Nk250v

25 TONNE MOBILE HYDRAULIC CRANE

LOAD RATINGS IN TONNES

360° — **BS 1757**

MAIN BOOM RATED LOADS
Outriggers at Maximum Extension
Front jack extended (360°) -- Front jack not extended (over sides and rear)

Working Radius (m)	10.5m Boom	14.2m Boom	18.0m Boom	21.7m Boom	25.5m Boom	29.2m Boom	33.0m Boom
2.5	25.00	20.00	16.00				
3.0	25.00	20.00	16.00				
3.5	25.00	20.00	16.00	12.00			
4.0	22.90	20.00	16.00	12.00	11.50		
4.5	21.00	20.00	16.00	12.00	11.50		
5.0	19.40	18.40	16.00	12.00	11.50	9.00	
6.0	16.20	15.30	13.73	12.00	11.50	9.00	
7.0	13.70	12.65	11.95	11.00	10.00	9.00	7.00
8.0	11.43	10.56	10.39	10.20	8.90	8.20	7.00
8.8	9.40	9.18	9.07	9.40	8.25	7.60	6.40
9.0		8.88	8.67	9.10	8.05	7.45	6.25
10.0		7.20	7.04	7.58	7.30	6.75	5.70
12.0		4.87	4.76	5.29	5.61	5.65	4.80
12.5		4.41	4.35	4.83	5.16	5.32	4.55
13.0			3.99	4.43	4.80	4.92	4.45
14.0			3.33	3.82	4.09	4.31	4.10
16.0			2.42	2.80	3.02	3.29	3.35
16.3			2.32	2.70	2.92	3.19	3.25
18.0				2.09	2.31	2.53	2.64
20.0				1.48	1.70	1.92	2.03
22.0					1.24	1.41	1.52
23.8					0.94	1.06	1.22
26.0						0.75	0.86
27.5						0.50	0.71
29.0							0.46
31.3							0.25
Standard Hook					for 25 ton		
Hook Weight					280 kgs		
Parts of Line			8			4	

360° — **BS 1757**

33.0m Boom + 8.7m Fly Jib
Outriggers at Maximum Extension
Front jack extended (360°) -- Front jack not extended (over sides and rear)

Boom Angle (°)	Offset 5°		Offset 17°		Offset 30°	
	Work Radius (m)	Load (t)	Work Radius (m)	Load (t)	Work Radius (m)	Load (t)
80.0	8.0	3.00	9.6	2.20	11.3	1.60
76.0	11.0	3.00	12.5	2.20	14.0	1.60
74.0	12.5	2.72	14.0	2.05	15.3	1.54
70.0	15.3	2.26	16.6	1.78	18.0	1.45
66.0	18.0	1.92	19.2	1.57	20.4	1.30
62.0	20.5	1.68	21.8	1.38	22.8	1.17
58.0	23.0	1.28	24.1	1.24	25.0	1.06
56.0	24.0	1.08	25.2	0.98	26.0	1.02
54.0	25.1	0.88	26.3	0.80	27.1	0.78
50.0	27.2	0.53	28.2	0.49	29.0	0.47
46.0	29.2	0.26	30.1	0.23	30.7	0.23
43.0	30.6	0.08	31.5	0.09	32.2	0.09
Standard Hook	for 3.4 ton					
Hook Weight	60 kgs					

33.0m Boom + 14.5m Fly Jib

Boom Angle (°)	Offset 5°		Offset 17°		Offset 30°	
	Work Radius (m)	Load (t)	Work Radius (m)	Load (t)	Work Radius (m)	Load (t)
80.0	9.9	2.00	12.5	1.30	15.1	0.90
77.7	12.0	2.00	14.5	1.30	16.9	0.90
76.3	13.2	1.85	15.7	1.24	18.0	0.90
72.0	16.4	1.50	19.0	1.06	21.2	0.81
68.0	19.5	1.25	22.0	0.91	24.0	0.74
64.0	22.6	1.06	24.8	0.79	26.6	0.67
60.0	25.4	0.90	27.4	0.70	29.1	0.60
56.0	28.0	0.77	29.9	0.64	31.5	0.55
52.0	30.7	0.48	32.4	0.57	33.7	0.52
51.0	31.2	0.43	33.0	0.37	34.2	0.51
50.4	31.6	0.39	33.3	0.34	34.5	0.33
48.0	32.9	0.26	34.5	0.22	35.6	0.20
46.0	33.9	0.16	35.2	0.15	36.5	0.12
Standard Hook	for 3.4 ton					
Hook Weight	60 kgs					

OTHER RATINGS AVAILABLE ON REQUEST