

KATO KR13H

13 TONNE ALL TERRAIN CRANE



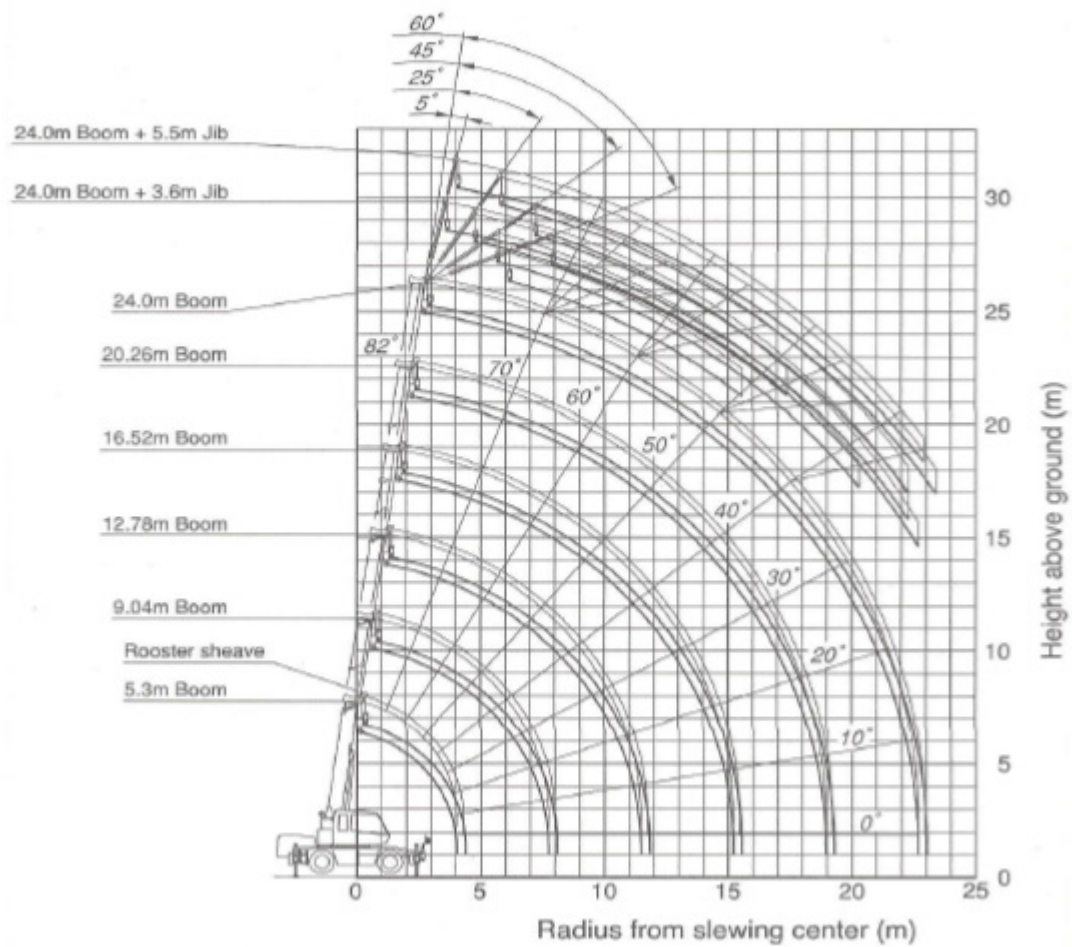
GENERAL DIMENSIONS:

Description	Dimensions (mtrs)
Overall height	2.85 metres
Overall width	2.00 metres
Overall length of carrier including boom	7.38 metres
Regd weight TARE	13140 kgs

WORKING RANGE:

Operating Radius (m)	Total Rated Loads – Main Boom Outriggers fully extended					
	5.3m	9.04m	12.78m	16.52m	20.26m	24.0m
1.50	13.00	6.00	6.00			
1.70	13.00	6.00	6.00			
2.00	12.00	6.00	6.00	5.00		
2.50	10.00	6.00	6.00	5.00		
3.00	8.20	6.00	6.00	5.00	4.70	
3.50	7.00	6.00	6.00	5.00	4.70	3.20
4.00	6.10	6.00	6.00	5.00	4.70	3.20
4.50		5.50	5.40	5.00	4.50	3.20
5.00		5.00	4.90	4.60	4.05	3.20
5.50		4.50	4.40	4.20	3.70	3.20
6.00		4.20	4.00	3.80	3.40	3.00
6.50		3.70	3.65	3.50	3.15	2.80
7.00		3.35	3.30	3.20	2.90	2.60
8.00		2.70	2.70	2.70	2.50	2.25
9.00		[7.7m]	2.20	2.30	2.20	1.95
10.00			1.80	1.990	1.95	1.75
11.00			1.45	1.60	1.75	1.55
12.00			1.30	1.40	1.50	1.40
13.00			[11.4m]	1.20	1.30	1.25
14.00				1.00	1.10	1.15
15.00				0.85	0.95	1.00
16.00					0.80	0.90
17.00					0.70	0.80
18.00					0.60	0.68
19.00					0.50	0.58
20.00					[18.8m]	0.48
21.00						0.40
22.00						0.35
25.50						0.32

BOOM ANGLE	Total Rated Loads – 24.0m Boom + 4.75m Jib Outriggers fully extended							
	Front jack extended (360°) Front jack not extended (over sides and rear)							
	OFFSET 5°		OFFSET 25°		OFFSET 45°		OFFSET 60°	
	Working radius (m)	Load (t)	Working radius (m)	Load (t)	Working radius (m)	Load (t)	Working radius (m)	Load (t)
82°	4.8	1.00	6.9	1.00	8.2	0.65	8.6	0.40
80°	5.6	1.00	7.6	1.00	8.9	0.65	9.2	0.40
75°	8.4	1.00	10.1	0.85	11.2	0.63	11.5	0.40
70°	11.1	1.00	12.4	0.72	13.4	0.58	13.6	0.40
65°	13.4	0.81	14.7	0.61	15.6	0.52	15.6	0.40
50°	15.6	0.69	16.8	0.55	17.5	0.48	17.4	0.40
55°	17.7	0.58	18.8	0.49	19.3	0.45		
50°	19.6	0.49	20.5	0.44	20.8	0.40		
45°	21.2	0.36	22.0	0.34	22.3	0.35		
40°	22.9	0.23	23.4	0.24				
Critical Boom Angle 39°			39°		44°		59°	



Note:

1. This diagram does not include deflection of boom and jib.
2. The outriggers are fully extended (360° full range).