



T.S.K. CRANE SERVICE CO.,LTD.

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Load Chart

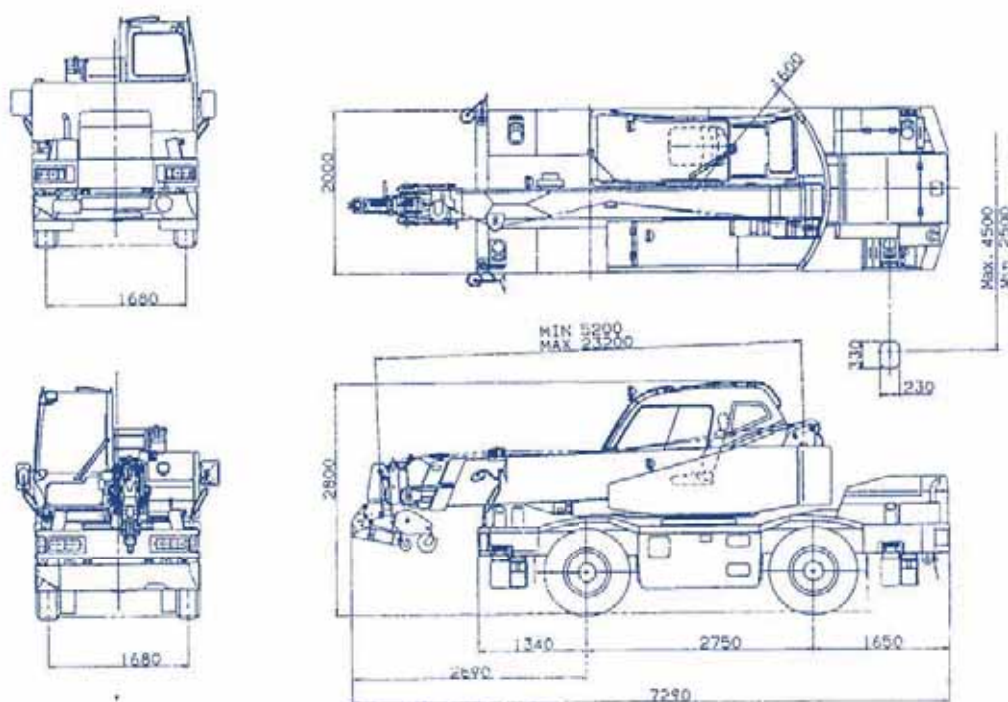


**FOR ROUGH TERRAIN CRANE 10 TONS
MODEL : TADANO TR - 100M**

CRANE SPECIFICATIONS

Max. Lifting Height	4.9 ton (49,00 kg.)	Working Radius 3.9 m.
Boom	Boom Section	6 Sections
	Length	5.2 / 8.8 / 12.4 / 16 / 19.6 / 23.2 / m.
Dimensions	Length	7.29 m.
	Width	2 m.
	Height	2.8 m.
Wire Rope	Main Winch	10 mm. X 127 m. (Diameter x Length) Spin - resistant wire rope
	Auxiliary Winch	10 mm. X 55 m. (Diameter x Length) Spin - resistant wire rope
Outriggers	3 Stages	Full extended width 4.5 m.
		Middle extended width 3.5 m.
		Minimum extended width 2.5 m.
Tires	Front	11R25.5-16PR
	Rear	11R25.5-16PR
Weights	Gross Weight	Total 12,195 kg.
		Front 6,090 kg.
		Rear 6,105 kg.

DIMENSIONS (1/100)



TOTAL RATED LOADS

Unit : ton

Outriggers fully extended (4.5m) -360°-						
A B (m)	5.2	8.8	12.4	16.0	19.6	23.2
1.0 m	10.00 (4.90)	4.90				
1.5 m	10.00 (4.90)	4.90	4.90			
2.0 m	10.00 (4.90)	4.90	4.90	4.00		
2.5 m	10.00 (4.90)	4.90	4.90	4.00	3.50	
3.0 m	8.00 (4.90)	4.90	4.90	4.00	3.50	2.00
3.5 m	6.10 (4.90)	4.90	4.90	4.00	3.50	2.00
4.0 m	5.40 (4.90)	4.90	4.90	4.00	3.50	2.00
4.5 m	(3.9)	4.60	4.20	4.00	3.50	2.00
5.0 m		4.20	3.80	3.55	3.15	2.00
5.5 m		3.80	3.45	3.15	2.90	2.00
6.0 m		3.35	3.15	2.85	2.70	2.00
7.0 m		2.75	2.65	2.38	2.30	1.80
8.0 m		2.45 (7.5)	2.20	2.00	1.95	1.60
9.0 m			1.75	1.75	1.70	1.45
10.0 m			1.38	1.55	1.50	1.30
11.0 m			1.10	1.30	1.33	1.20
12.0 m				1.08	1.13	1.10
13.0 m				0.90	0.97	1.00
14.0 m				0.75	0.83	0.86
15.0 m				0.65 (14.7)	0.70	0.75
16.0 m					0.60	0.66
17.0 m					0.50	0.57
18.0 m					0.42	0.50
19.0 m					0.40 (18.3)	0.42
20.0 m					0.35	
21.9 m					0.26	
a (°)	0 ~ 82					

A = Boom length

(ความยาวของบูม)

B = Working radius

(ระยะห่างจากจุดยก)

a = Boom angle range

(for the unladen condition) (บูมองศา)

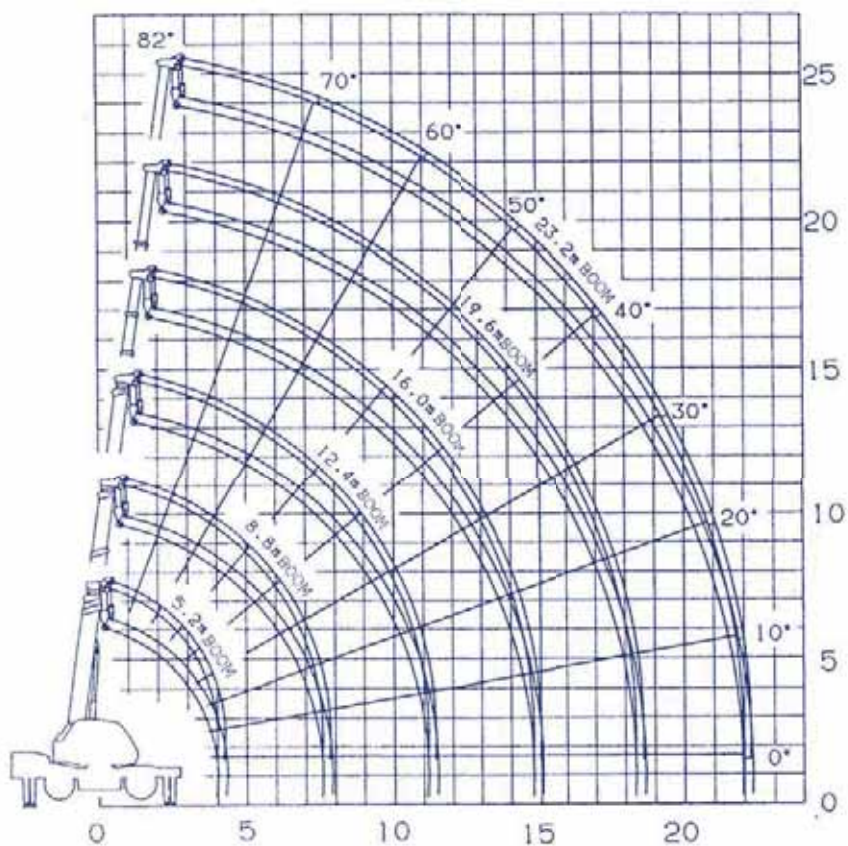


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TADANO TR - 100M

WORKING RADIUS - LIFTING HEIGHT



LIFTING HEIGHT (m)

WORKING RADIUS (m)

