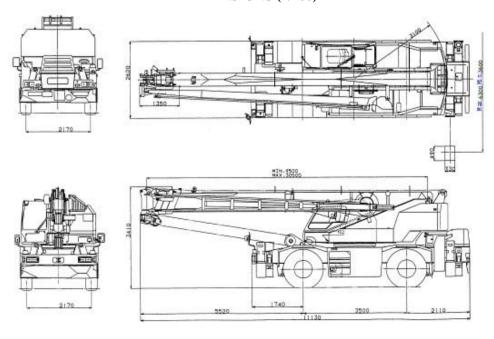
TADANO TR-250M

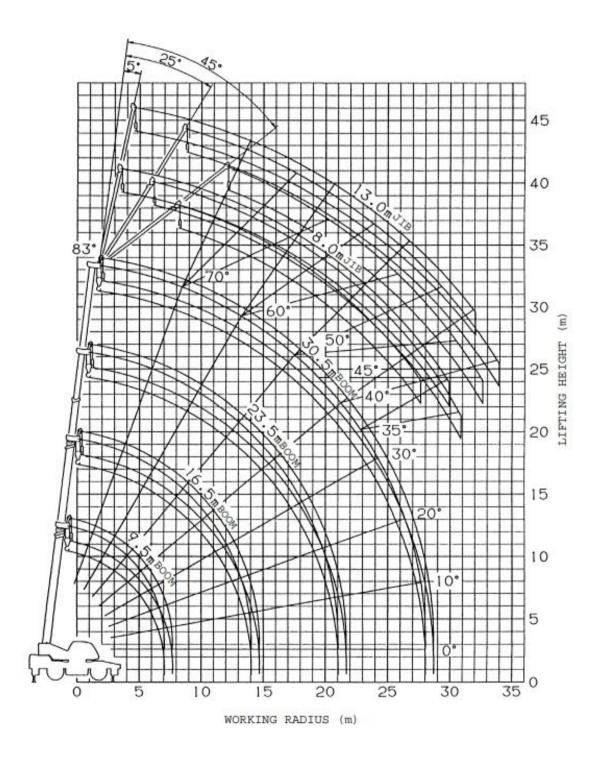
	CRANE SPEC	CIFICATIONS
Max. Lifting Capacity	25 ton (25,000 kg.)	Working Radius 3.5 m.
	Boom Section	4 Sections
Boom	Length	9.5 / 16.5 / 23.5 / 30.5 m.
	Jib	8.0 / 13.0 m.
	Length	11.13 m.
Dimensions	Width	2.62 m.
	Height	3.41 m.
	Main Winal	16mm. x 170m. (Diameter x Length)
Wine Done	Main Winch	Spin-resistant wire rope
Wire Rope	A 11: 137:1-	16mm. x 98m. (Diameter x Length)
	Auxiliary Winch	Spin-resistant wire rope
		Fully extended width 6.3m.
Outriggers	3 Stages	Middle extended width 5.9m., 5.0m.
		Minimum extended width 3.6m.
	Total	26,495 kg.
Weights	Front	13,250 kg.
	Rear	13,245 kg.

DIMENSIONS (1/100)





WORKING RADIUS – LIFTING HEIGHT



TOTAL RATED LOADS

With outriggers set

(BOOM)

				Unit:ton
Out	triggers ful	ly extended	(6.3m) -3	60°-
A	9.5m 16.5m 2		23.5m	30.5m
2.5m	25.0	19.0	12.5	
3.0m	25.0	19.0	12.5	
3.5m	25.0	19.0	12.5	7.0
4.0m	23.0	19.0	12.5	7.0
4.5m	21.2	18.0	12.5	7.0
5.0m	19.4	16.7	12.5	7.0
5.5m	17.8	15.6	11.75	7.0
6.0m	16.3	14.6	11.1	7.0
6.5m	15.1	13.8	10.5	7.0
7.0m	13.7	13.0	10.0	7.0
8.0m		10.55	9.0	7.0
9.0m		8.5	8.2	6.3
10.0m		7.05	7.3	5.8
11.0m		5.85	6.4	5.3
12.0m		4.95	5.5	4.9
13.0m		4.2	4.75	4.5
14.0m		3.6	4.1	4.15
15.0m			3.6	3.8
16.0m			3.15	3.45
17.0m			2.8	3.05
18.0m			2.45	2.7
19.0m			2.15	2.45
20.0m			1.9	2.2
21.0m			1.7	1.95
22.0m				1.75
24.0m				1.4
26.0m				1.15
28.0m				0.95

1				Unit:ton
Out	riggers midd	le extended (5	.9m) -Over si	ides-
A B	9.5m	16.5m	23.5m	30.5m
2.5m	25.0	19.0	12.5	
3.0m	25.0	19.0	12.5	
3.5m	25.0	19.0	12.5	7.0
4.0m	23.0	19.0	12.5	7.0
4.5m	21.2	18.0	12.5	7.0
5.0m	19.4	16.7	12.5	7.0
5.5m	17.8	15.6	11.75	7.0
6.0m	16.3	14.6	11.1	7.0
6.5m	15.1	13.8	10.5	7.0
7.0m	13.0	12.6	10.0	7.0
8.0m		9.7	9.0	7.0
9.0m		7.7	8.2	6.3
10.0m		6.3	7.0	5.8
11.0m		5.2	6.0	5.3
12.0m		4.35	5.1	4.9
13.0m		3.7	4.35	4.5
14.0m		3.15	3.8	4.05
15.0m			3.3	3.6
16.0m			2.85	3.15
17.0m			2.5	2.75
18.0m			2.2	2.45
19.0m			1.95	2.2
20.0m			1.7	1.95
21.0m			1.5	1.75
22.0m				1.55
24.0m				1.2
26.0m				0.95
27.9m				0.75
a (°)		0 ~	83	

A = Boom length

a(°)

B = Working radius

a = Boom angle range (for the unladen condition)

0 ~ 83

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(BOOM)

				Unit:ton	
Out	riggers middl	e extended (5	.0m) -Over s	ides-	
A	9.5m	16.5m	23.5m	30.5m	
2.5m	25.0	19.0	12.5		
3.0m	25.0	19.0	12.5		
3.5m	25.0	19.0	12.5	7.0	
4.0m	23.0	19.0	12.5	7.0	
4.5m	21.2	18.0	12.5	7.0	
5.0m	18.4	16.7	12.5	7.0	
5.5m	15.4	15.0	11.75	7.0	
6.0m	13.0	12.6	11.1	7.0	
6.5m	11.2	10.8	10.5	7.0	
7.0m	9.5	9.4	10.0	7.0	
8.0m		7.3	8.0	7.0	
9.0m		5.85	6.5	6.3	
10.0m		4.75	5.4	5.6	
11.0m		3.9	4.55	4.8	
12.0m		3.3	3.85	4.15	
13.0m		2.75	3.3	3.55	
14.0m		2.3	2.85	3.1	
15.0m			2.45	2.7	
16.0m			2.1	2.35	
17.0m			1.8	2.1	
18.0m			1.55	1.8	
19.0m			1.35	1.6	
20.0m			1.15	1.4	
21.0m			0.95	1.2	
22.0m				1.05	
24.0m				0.75	
26.0m				0.5	

				Unit:ton
Ou	triggers minin	num extended	(3.6m) –Over s	sides-
A	9.5m	16.5m	23.5m	30.5m
2.5m	25.0	19.0	12.5	
3.0m	25.0	19.0	12.5	
3.5m	20.5	19.0	12.5	7.0
4.0m	16.0	15.7	12.5	7.0
4.5m	12.8	12.6	12.5	7.0
5.0m	10.7	10.5	11.0	7.0
5.5m	9.05	8.8	9.4	7.0
6.0m	7.7	7.6	8.2	7.0
6.5m	6.6	6.5	7.25	7.0
7.0m	5.8	5.6	6.4	6.5
8.0m		4.4	5.05	5.3
9.0m		3.4	4.05	4.35
10.0m		2.7	3.3	3.65
11.0m		2.15	2.75	3.05
12.0m		1.7	2.3	2.6
13.0m		1.3	1.9	2.2
14.0m		1.0	1.6	1.85
15.0m			1.35	1.55
16.0m			1.1	1.3
17.0m			0.9	1.05
18.0m			0.7	0.9
19.0m			0.5	0.7
20.0m				0.55
a (°)	0~	-83	25~83	44~83

A = Boom length

B = Working radius

a = Boom angle range (for the unladen condition)

0~83

23~83

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(JIB)

Hni	

				Outrigg	gers full	y extend	ded (6.	3m)			-3	860°-
C	30.5m Boom + 8.0m Jib							30.5m Boom + 13.0m Jib				
D	4	5°	2	.5°	4.	5°		5°	2	5°	45°	
E(°)	B (m)	M	B (m)	M	B (m)	M	B (m)	M	B (m)	M	B (m)	M
83	4.4	3.0	7.1	2.1	9.0	1.6	5.8	2.0	10.0	1.2	13.4	0.8
76	9.4	3.0	12.0	2.1	13.6	1.6	11.7	2.0	15.5	1.2	18.3	0.8
72	12.2	3.0	14.7	2.1	16.0	1.6	14.8	1.75	18.4	1.1	20.9	0.8
70	13.5	2.8	15.9	2.1	17.3	1.6	16.2	1.65	19.8	1.05	22.2	0.8
65	16.5	2.35	18.8	1.8	20.0	1.5	19.8	1.4	23.1	0.95	25.1	0.78
60	19.4	2.0	21.6	1.55	22.5	1.35	23.1	1.2	26.1	0.9	27.8	0.75
55	22.1	1.45	24.1	1.35	24.8	1.2	26.2	1.05	29.0	0.85	30.3	0.74
50	24.6	1.05	26.4	1.0	26.9	0.95	29.0	0.85	31.4	0.75	32.4	0.7
45	26.9	0.75	28.4	0.7	28.7	0.7	31.5	0.6	33.5	0.55	34.1	0.55
40	29.1	0.55	30.2	0.5			33.6	0.4	35.0	0.4		
35	31.0	0.38	31.8	0.35								
a (°)		34 ~	~ 83		44 ~	~ 83		39 -	~ 83	1	44 -	~ 83

Unit:ton

			(Jutrigge	ers midd	lle exter	ided (5	.9m)		-	-Over si	des-
C		30.	5m Boon	n + 8.0m	Jib		30.5	5m Boom	+ 13.0r	n Jib		
D		5°	2	5°	4:	5°		5°	2	5°	45°	
E(°)	B (m)	M	B (m)	M	B (m)	M	B (m)	M	B (m)	M	B (m)	М
83	4.4	3.0	7.1	2.1	9.0	1.6	5.8	2.0	10.0	1.2	13.4	0.8
76	9.4	3.0	12.0	2.1	13.6	1.6	11.7	2.0	15.5	1.2	18.3	0.8
72	12.2	3.0	14.7	2.1	16.0	1.6	14.8	1.75	18.4	1.1	20.9	0.8
70	13.5	2.8	15.9	2.1	17.3	1.6	16.2	1.65	19.8	1.05	22.2	0.8
65	16.5	2.35	18.8	1.8	20.0	1.5	19.8	1.4	23.1	0.95	25.1	0.78
60	19.3	1.85	21.6	1.55	22.5	1.35	23.1	1.2	26.1	0.9	27.8	0.75
55	22.0	1.3	24.1	1.15	24.8	1.1	26.2	1.05	29.0	0.85	30.3	0.74
50	24.4	0.9	26.3	0.85	26.9	0.8	28.9	0.7	31.3	0.6	32.3	0.6
45	26.7	0.6	28.3	0.55	28.7	0.55	31.4	0.5	33.4	0.4	34.0	0.4
40	28.8	0.4	30.1	0.35			33.6	0.3				
a (°)		39 -	~ 83		44 ^	~ 83	39 ~	~ 83		44 -	~ 83	

B = Working radius C = Jib length

D = Jib offset E = Boom angle

M = Total rated loads

a = Boom angle range (for the unladen condition)

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(JIB)

Unit:ton

			(Outrigge	ers midd	lle exter	nded (5	5.0m)		-	-Over si	des-
C		30.5m Boom + 8.0m Jib						30.5m Boom + 13.0m Jib				
D		5°	2	5°	4:	5°		5°	2	5°	4	5°
E(°)	B (m)	M	B (m)	M	B (m)	M	B (m)	M	B (m)	M	B (m)	M
83	4.4	3.0	7.1	2.1	9.0	1.6	5.8	2.0	10.0	1.2	13.4	0.8
76	9.4	3.0	12.0	2.1	13.6	1.6	11.7	2.0	15.5	1.2	18.3	0.8
72	12.2	3.0	14.7	2.1	16.0	1.6	14.8	1.75	18.4	1.1	20.9	0.8
70	13.5	2.8	15.9	2.1	17.3	1.6	16.2	1.65	19.8	1.05	22.2	0.8
65	16.3	2.0	18.8	1.8	20.0	1.5	19.8	1.4	23.1	0.95	25.1	0.78
60	19.1	1.3	21.4	1.15	22.5	1.1	23.0	1.0	26.1	0.9	27.8	0.75
55	21.8	0.8	23.9	0.75	24.7	0.75	25.9	0.65	28.8	0.6	30.1	0.5
50	24.3	0.5	26.1	0.45	26.7	0.45	28.7	0.4	31.2	0.35	32.1	0.3
a(°)			49 ~	~ 83					49 ~	~ 83		

Unit:ton

			Ot	ıtrigger	s minim	um ext	ended	(3.6m)		-	-Over si	des-		
C		30.5m Boom + 8.0m Jib							30.5m Boom + 13.0m Jib					
D		5°	2	5°	4	5°	5°		25°		4	5°		
E(°)	B (m)	M	B (m)	M	B (m)	M	B (m)	M	B (m)	M	B (m)	M		
83	4.4	3.0	7.1	2.1	9.0	1.6	5.8	2.0	10.0	1.2	13.4	0.8		
76	9.4	3.0	12.0	2.1	13.6	1.6	11.7	2.0	15.5	1.2	18.3	0.8		
72	11.9	2.2	14.5	1.8	16.0	1.6	14.8	1.75	18.4	1.1	20.9	0.8		
70	13.1	1.8	15.7	1.5	17.2	1.35	16.1	1.4	19.8	1.05	22.2	0.8		
65	16.0	1.0	18.5	0.9	19.8	0.8	19.4	0.8	22.9	0.65	25.0	0.55		
60	18.9	0.5	21.1	0.45	22.2	0.4	22.6	0.4	25.8	0.35	27.5	0.3		
a(°)			59 ~	~ 83					59 ~	~ 83				

B = Working radius C = Jib length

D = Jib offset E = Boom angle

M = Total rated loads

a = Boom angle range (for the unladen condition)