

TADANO TG 900E

Working Radius (m)	12.0 m	18.0 m	24.0 m	30.0 m	36.0 m	40.0 m	44.0 m	Boom Angle	9.5m	Jib	15.0m	Jib
									5' tilt	30' tilt	5' tilt	30' tilt
3.2	100.0											
3.5	85.0	45.0										
4.0	70.0	45.0						80'	5.0	2.5	3.0	1.3
4.5	62.0	45.0	36.0					79'	5.0	2.5	3.0	1.3
5.0	56.0	45.0	36.0					78'	5.0	2.35	3.0	1.3
5.5	50.0	45.0	36.0					77'	5.0	2.3	3.0	1.2
6.0	45.0	42.0	36.0	27.0				75'	4.5	2.15	2.75	1.15
6.5	41.0	39.4	34.0	27.0				70'	3.7	2.0	2.25	1.0
7.0	38.0	37.0	32.2	25.7	22.0			65'	3.1	1.8	1.9	0.85
7.5	35.0	34.6	30.6	24.2	22.0			60'	2.4	1.7	1.5	0.75
8.0	32.5	32.5	29.0	22.9	20.7	18.0		55'	1.35	1.25	1.05	
9.0	26.3	26.6	26.0	20.4	18.5	16.6	12.0					
10.0	21.5	21.9	22.0	18.4	16.6	15.3	12.0					
11.0	17.8	18.4	18.6	16.6	15.0	14.0	12.0					
12.0		15.7	15.8	15.2	13.8	12.8	11.4					
14.0		11.7	11.8	11.8	11.3	10.8	9.7					
16.0		8.9	9.0	9.1	9.1	9.2	8.4					
18.0			7.0	7.1	7.1	7.6	7.4					
20.0			5.5	5.5	5.5	6.1	6.3					
22.0			4.2	4.3	4.3	4.8	5.2					
24.0				3.3	3.3	3.9	4.2					
26.0				2.5	2.5	3.0	3.4					
28.0				1.7	1.8	2.3	2.7					
30.0						1.7	2.0					
32.0							1.5					

NOTES :-

- 1) Total rated loads shown in the table are based on the condition that the crane is set on firm ground horizontally. Those above blue line are based on crane strength and those below on its stability.
- 2) Total rated loads do not exceed **75%** of tipping load.
- 3) Each total rated load includes weight of the hooks (950kg for 100-ton hook, 510kg for 45-ton hook and 140kg for 5-ton hook) and slings.
- 4) 2000kg shall be subtracted from the rated lifting loads of the main boom, when jib is attached to main boom head.
- 5) For total rated load of single top, reduce the main hook weight (950kg) from the relevant total rated load.
- 6) When the front jack is used, the total rated loads for the "Over-side and Over-rear" are applicable even within the over front area.