

TG500E - 50 Tonne Tadano Truck Crane

OUTRIGGERS FULLY EXTENDED																			
FRONT JACK EXTENDED (360°)																			
B \ A	10.8m		14.5m		18.15m		21.8m		25.5m		32.85m		40.15m		C	9.0m		16.0m	
	∪°		∪°		∪°		∪°		∪°		∪°		∪°		D	5°	30°	5°	30°
3.0m	70	50500	75	33000	79	28000	81	24000							82	3500	2000	2000	1000
3.5m	67	43000	73	33000	77	28000	80	24000							80	3500	2000	2000	1000
4.0m	64	38000	71	33000	75	28000	79	24000	81	20000					79	3500	2000	2000	1000
4.5m	61	34000	69	30500	74	28000	77	24000	79	20000					78	3500	1960	2000	1000
5.0m	58	30200	67	29000	72	28000	76	24000	78	20000	81	13000			77	3300	1910	2000	970
5.5m	54	27500	65	26500	70	25600	74	23200	77	20000	81	13000			76	3120	1860	2000	950
6.0m	51	25000	63	24000	69	23500	73	21500	76	20000	80	13000			75	2970	1820	1920	930
6.5m	47	22700	60	22300	67	21800	72	19900	75	18000	79	13000	81	7500	73	2680	1730	1760	890
7.0m	44	20700	58	20300	65	20000	70	18400	74	16800	78	13000	81	7500	70	2330	1580	1530	840
7.5m	39	18700	56	18600	63	18500	69	17100	73	15700	77	13000	80	7500	68	2150	1490	1400	810
8.0m	35	17300	53	17100	62	17000	67	15900	71	14800	76	12300	79	7500	65	1910	1360	1230	760
9.0m	22	14200	48	14000	58	13900	64	13600	69	13200	75	11000	78	7500	63	1700	1290	1140	730
10.0m			42	11300	54	11200	61	11200	67	11100	73	10000	77	7300	60	1250	1190	980	70
11.0m			35	9300	50	9300	58	9200	64	9100	71	9100	75	6800	58	1000	960	770	610
12.0m			27	7800	46	7700	55	7600	61	7600	69	8300	74	6300	56	770	760	590	470
14.0m					35	5500	48	5500	56	5400	65	6200	71	5500	55	670	660	500	
16.0m					21	4000	40	3900	50	3800	61	4700	68	4700	54	580	570		
18.0m							30	2700	43	2700	57	3500	65	4000					
20.0m							16	1800	36	1800	52	2600	61	3200					
22.0m									27	1100	47	1900	58	2450					
24.0m											72	1350	54	1900					
26.0m											36	900	50	1400					
28.0m													46	1000					
30.0m													42	700					
32.0m													37	400					

A : Boom Length
 B : Working Length
 C : Jib Length
 D : Jib Offset
 ∪° : **Boom Angle**

TG500E - 50 Tonne Tadano Truck Crane

OUTRIGGERS FULLY EXTENDED														WITHOUT OUTRIGGERS (OVER-REAR)	
FRONT JACK NOT EXTENDED (OVER FRONT)															
A B	10.8m		14.5m		18.15m		21.8m		25.5m		32.85m		40.15m		10.8m
	∪°		∪°		∪°		∪°		∪°		∪°		∪°		
3.0m	70	33000	75	22000	79	19000	81	16000							8000
3.5m	67	33000	73	22000	77	19000	79	16000							6400
4.0m	64	33000	71	22000	75	19000	78	16000	80	13500					5100
4.5m	61	28000	69	22000	74	19000	77	16000	79	13500					4200
5.0m	58	21000	67	22000	72	19000	76	16000	78	13500	81	9000			3400
5.5m	54	16800	64	20800	70	16000	74	15500	77	13500	80	9000			2800
6.0m	51	13600	62	13500	69	13000	73	13000	76	13000	80	9000			2300
6.5m	47	11400	60	11200	67	11000	71	10800	75	10800	79	9000	81	5000	1900
7.0m	44	9600	58	9400	65	9300	70	9200	73	9200	78	9000	80	5000	1600
7.5m	39	8200	55	8100	63	7900	68	7800	72	7800	77	8600	80	5000	1250
8.0m	35	7100	53	6900	61	6800	67	6700	71	6700	76	7500	79	5000	1000
9.0m	22	5300	47	5200	58	5100	64	5000	68	5000	74	5900	78	5000	
10.0m			42	4000	54	3900	61	3800	66	3700	72	4600	76	5000	
11.0m			34	2950	50	2900	58	2800	63	2700	70	3600	75	4100	
12.0m			27	2150	45	2000	55	1900	61	1900	68	2800	73	3400	
14.0m											64	1600	70	2200	
16.0m													67	1300	

A : Boom Length
 B : Working Radius
 ∪° : Boom Angle

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WORKING RADIUS – LIFTING HEIGHT DIAGRAM

