

# TIDD CRANE



## 25t Capacity PC25

Main Hoist Manual Retracted with Counterweight on Rear

(M)	BOOM LENGTH (M)								
	6	7	8	9	10	11	12	13	14.3
1	18400	18400							
	17480	17480							
	15640	15640							
	53	60							
1.5	18400	18400	18400						
	17480	17480	17480						
	15640	15640	15640						
	47	55	60						
2	17200	17260	16920	16780					
	16340	16207	16074	15941					
	14620	14501	14382	14263					
	40	49	55	60					
2.5	16890	16580	16240	15170	15100				
	14909	14693	14478	14412	14345				
	13339	13147	12954	12895	12835				
	32	44	51	56	60				
3	14110	13950	13790	13670	13560	13480	13400		
	13405	13253	13101	12989	12877	12804	12730		
	11994	11858	11722	11622	11522	11456	11390		
	20	38	46	52	56	60	62		
3.5	12670	12540	12410	12300	12200	12110	12030	11920	
	12034	11912	11790	11687	11585	11508	11431	11355	
	10767	10658	10549	10457	10366	10297	10228	9534	
	0	30	41	48	53	57	60	62	
4		11130	11030	10930	10840	10750	10670	10590	10400
		10571	10479	10386	10293	10213	10132	10066	9880
		9458	9376	9293	9210	9138	9065	8953	8840
		21	35	43	49	53	57	60	63
4.5		9860	9790	9720	9650	9590	9520	9390	9250
		9367	9301	9234	9168	9107	9046	8917	8788
		8381	8322	8262	8203	8148	8094	7978	7863
		0	28	38	45	50	54	57	60
5			8550	8510	8470	8420	8380	8240	8100
			8123	8082	8042	8001	7961	7828	7695
			7268	7231	7195	7159	7123	7004	6885
			19	33	41	47	51	54	58
6				7080	7020	6980	6930	6840	6750
				6730	6667	6626	6586	6499	6413
				6022	5965	5929	5893	5815	5738
				18	31	39	45	49	53
7					5570	5530	5490	5440	5400
					5292	5251	5211	5170	5130
					4735	4698	4662	4626	4590
					17	30	37	43	48
8						4890	4840	4790	4740
						4642	4596	4549	4503
						4153	4112	4070	4029
						16	28	36	42
9							4190	4140	4080
							3981	3928	3876
							3562	3515	3468
							16	27	36
10								3640	3590
								3458	3413
								3094	3054
								15	28
11									3110
									2950
									2639
									18
11.8									2890
									2741
									2452
									0

## Manual Extended

(M)	HALF		FULL	
	16.2	(M)	18.5	(M)
4.3	3500		7000	
	8075	5.1	6650	
	7225		5950	
	65		65	
5	3500		7000	
	8075	6	6650	
	7225		5950	
	62		62	
6	6800		5700	
	6460	7	5415	
	5780		4845	
	58		59	
7	5920		5250	
	5624	8	4983	
	5032		4458	
	54		55	
8	4740		4790	
	4503	9	4551	
	3555		3593	
	49		51	
9	4180		3970	
	3971	10	3772	
	3553		3375	
	45		47	
10	3670		3150	
	3434	11	2993	
	3073		2678	
	39		43	
11	3270		2910	
	3107	12	2767	
	2780		2476	
	33		38	
12	2970		2680	
	2774	13	2541	
	2482		2274	
	26		33	
13	2680		2390	
	2390	14	2153	
	2257		2034	
	16		26	
13.7	2570		2110	
	2437	15	2005	
	2180		1794	
	0		18	
			19.50	
			1848	
			1653	
			0	

### Rated Capacity in Kg

- 0°-10° articulation
- 11°-20° articulation
- 21°-42° articulation
- Boom angle in degrees

# 25t Capacity PC25

Main Hoist Manual Retracted with **NO** Counterweight on Rear

Manual Extended

(M)	BOOM LENGTH (M)								
	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.3
1.0	18400	18400							
	17480	17480							
	15640	15640							
	53	60							
1.5	18400	18400	18400						
	17480	17480	17480						
	15640	15640	15640						
	47	55	60						
2.0	17200	17060	16920	16780					
	16340	16207	16073	15941					
	14620	14501	14382	14263					
	40	49	55	60					
2.5	13900	13840	13770	13710	13640				
	13205	13148	13082	13025	12958				
	11815	11764	11705	11654	11594				
	32	44	51	56	60				
3.0	11450	11360	11270	11180	11080	10990	10900		
	10878	10792	10707	10621	10526	10441	10355		
	9733	9656	9580	9503	9418	9342	9265		
	20	38	46	52	56	60	62		
3.5	10000	9880	9760	9640	9520	9400	9280	9160	
	9500	9386	9272	9158	9044	8930	8816	8702	
	8500	8398	8296	8194	8092	7990	7888	7786	
	0	30	41	48	53	57	60	62	
4.0		8720	8540	8370	8190	8020	7850	7670	7500
		8284	8113	7952	7791	7639	7488	7337	7125
		7412	7259	7115	6962	6817	6673	6520	6375
		21	35	43	49	53	57	60	63
4.5		7610	7500	7380	7270	7160	7050	6940	6820
		7230	7125	7011	6907	6802	6698	6593	6479
		6469	6375	6273	6180	6086	5993	5899	5797
		0	28	38	45	50	54	57	60
5.0			6860	6740	6620	6500	6380	6260	6150
			6517	6403	6289	6175	6061	5947	5843
			5831	5729	5627	5525	5423	5321	5228
			19	33	41	47	51	54	58
6.0				5650	5640	5630	5620	5610	5600
				5368	5358	5349	5339	5330	5320
				4803	4794	4786	4777	4769	4760
				18	31	39	45	49	53
7.0					4680	4640	4610	4570	4530
					4446	4408	4380	4342	4304
					3978	3944	3919	3885	3851
					17	30	37	43	48
8.0						3970	3960	3950	3940
						3772	3762	3753	3743
						3375	3366	3358	3349
						16	28	36	42
9.0							3400	3390	3390
							3230	3221	3221
							2890	2882	2882
							16	27	36
10.0								2920	2890
								2774	2745
								2482	2457
								15	28
11.0									2590
									2461
									2202
									18
11.8									2350
									2233
									1998
									0

(M)	HALF		FULL	
	16.2	(M)	18.5	(M)
4.3	7020	5.1	6000	6
	6669		5700	
	5967		5100	
	65		65	
5	7020	6	6000	7
	6669		5700	
	5967		5100	
	62		62	
6	5800	7	4900	8
	5510		4655	
	4930		4165	
	58		59	
7	4930	8	4090	9
	4684		3886	
	4191		3477	
	54		55	
8	4090	9	3510	10
	3881		3335	
	3064		2633	
	49		51	
9	3590	10	3110	11
	3406		2955	
	3047		2644	
	45		47	
10	3090	11	2710	12
	2931		2575	
	2622		2304	
	39		43	
11	2750	12	2390	13
	2608		2270.5	
	2333		2032	
	33		38	
12	2410	13	2110	14
	2285		2005	
	2044		1794	
	26		33	
13	2220	14	1930	15
	1994		1737	
	1883		1641	
	16		26	
13.7	2040	15	1760	15.9
	1924		1672	
	1721		1496	
	0		18	
			1650	
			1568	
			1403	
			0	

**Rated Capacity in Kg**

- 0°-10° articulation
- 11°-20° articulation
- 21°-42° articulation
- Boom angle in degrees

