

DIMENSIONS

CAPACITY

28 tonne capacity on fixed lug

27.6 tonne capacity on running rope

BOOM

6.12-18.65m high tensile steel

4 section full power boom

ARTICULATION

44° either side of the centre

SPEED

Max 80km/hr

MASS

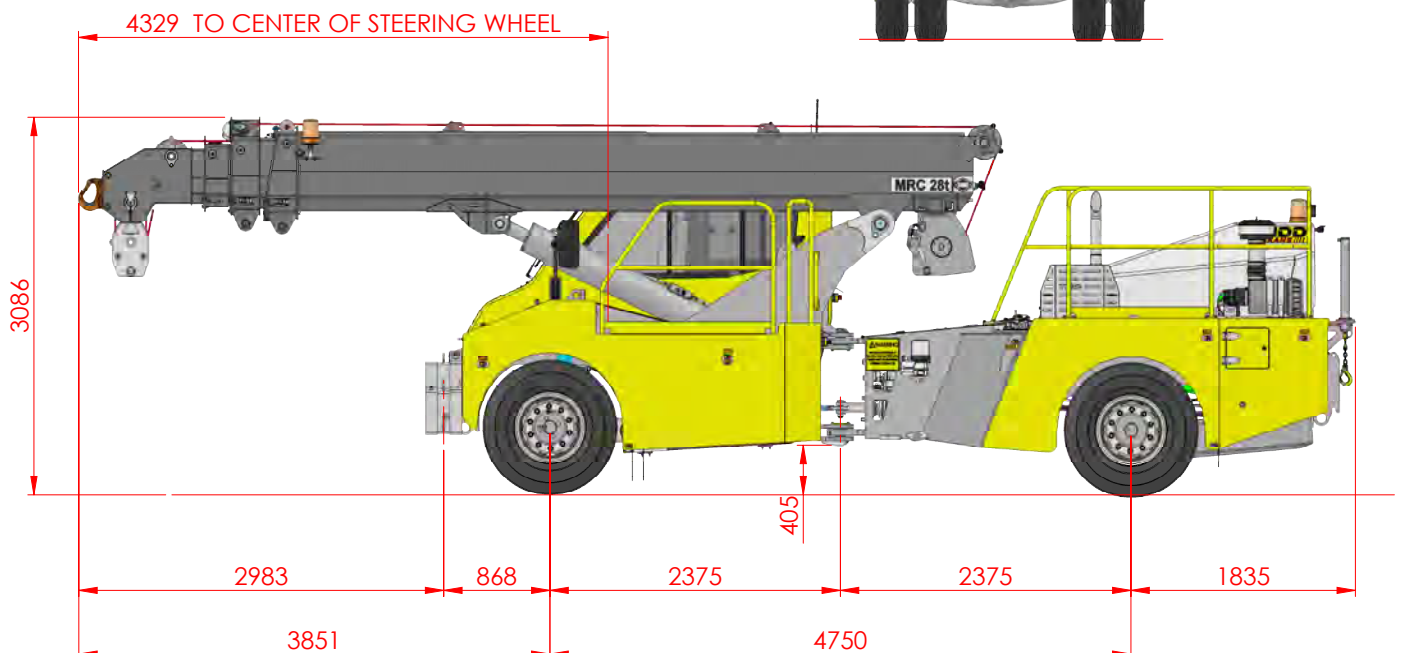
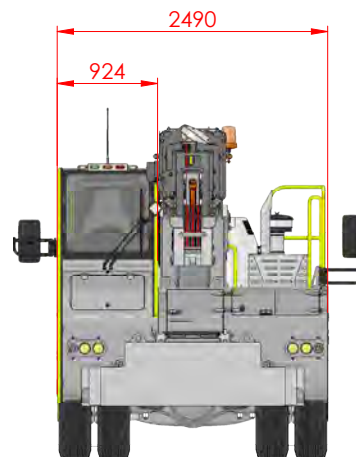
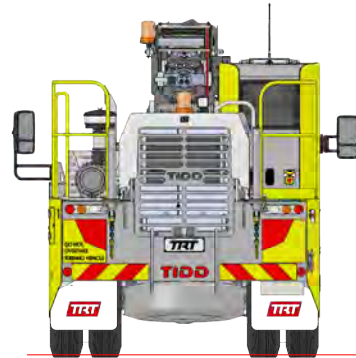
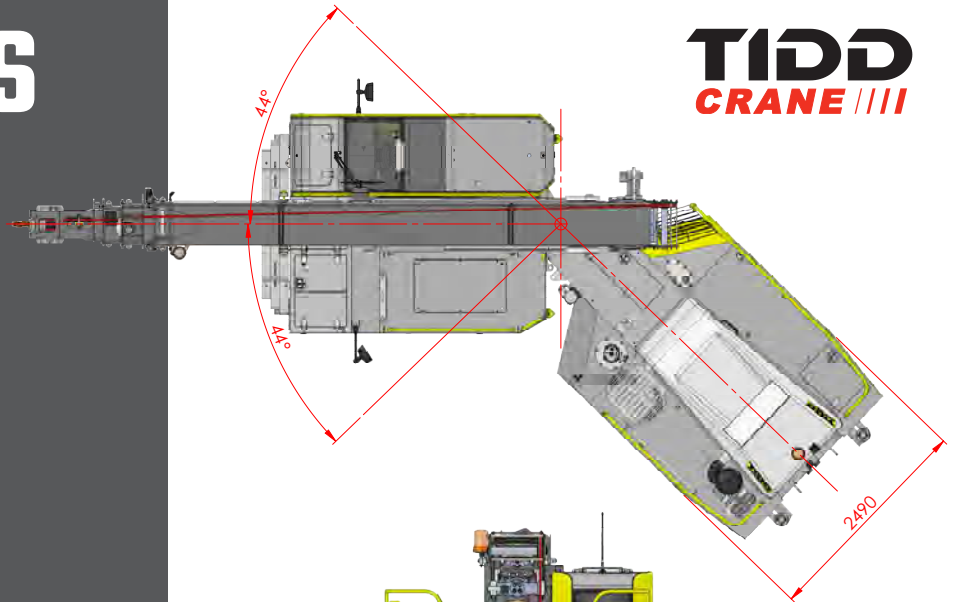
Gross vehicle mass 23.9 tonne

Front axle mass 11.9 tonne

Rear axle mass 12 tonne

COUNTERWEIGHT

2.3 tonne roadable, front and rear mount



LOAD CHART 75% STATIONARY



0 - 0.6° CRANE SIDE SLOPE: PC28 MOBILE CRANE: <u>MAIN HOIST</u> - 2270kg COUNTER WEIGHT ON:																	<u>REAR</u>		STATIONARY			
RADIUS	BOOM LENGTH (M)																					
	6.12	6.50	7.00	7.50	8.00	8.50	9.00	9.50	10.00	10.50	11.00	11.50	12.00	12.50	13.00	13.50	14.45	15.50	16.50	17.50	18.64	
1	27600	25000	25000	25000	25000	25000																
	25390	23000	23000	23000	23000	23000																
	22630	20500	20500	20500	20500	20500																
	19320	17500	17500	17500	17500	17500																
1.5	23500	23500	23500	23500	23500	23500	23500	23500														
	21620	21620	21620	21620	21620	21620	21620	21620														
	19270	19270	19270	19270	19270	19270	19270	19270														
	16450	16450	16450	16450	16450	16450	16450	16450														
2	22400	22400	22400	22400	22400	22400	22400	22400	22400	22400												
	20610	20610	20610	20610	20610	20610	20610	20610	20610	20610												
	18370	18370	18370	18370	18370	18370	18370	18370	18370	18370												
	15680	15680	15680	15680	15680	15680	15680	15680	15680	15680												
2.5	21370	21370	21370	21370	21370	21370	21370	21370	21370	21370	21370	21370	21370									
	19660	19660	19660	19660	19660	19660	19660	19660	19660	19660	19660	19660	19660									
	17520	17520	17520	17520	17520	17520	17520	17520	17520	17520	17520	17520	17520									
	14960	14960	14960	14960	14960	14960	14960	14960	14960	14960	14960	14960	14960									
3	18680	18560	18450	18450	18450	18450	18450	18450	18450	18450	18450	18450	18000	17890	17780							
	17190	17080	16970	16970	16970	16970	16970	16970	16970	16970	16970	16970	16560	16460	16360							
	15320	15220	15130	15130	15130	15130	15130	15130	15130	15130	15130	15130	14760	14670	14580							
	13080	12990	12920	12920	12920	12920	12920	12920	12920	12920	12920	12920	12600	12520	12450							
3.5		16310	16200	16090	15860	15750	15640	15530	15410	15300	15190	15080	14960	14790	14740	14740						
		15010	14900	14800	14590	14490	14390	14290	14180	14080	13970	13870	13760	13610	13560	13560						
		13370	13280	13190	13010	12920	12820	12730	12640	12550	12460	12370	12270	12130	12090	12090						
		11420	11340	11260	11100	11030	10950	10870	10790	10710	10630	10560	10470	10350	10320	10320						
4			13560	13500	13280	13280	13280	13280	13280	13280	13280	13280	13160	13050	12940	12880	12830					
			12480	12420	12220	12220	12220	12220	12220	12220	12220	12110	12010	11900	11850	11800						
			11120	11070	10890	10890	10890	10890	10890	10890	10890	10890	10790	10700	10610	10560	10520					
			9490	9450	9300	9300	9300	9300	9300	9300	9300	9300	9210	9140	9060	9020	8980					
4.5				12090	12090	12090	12090	12090	12090	12040	12040	11930	11930	11930	11810	11810	11810	11810				
				11120	11120	11120	11120	11120	11120	11080	11080	10980	10980	10980	10870	10870	10870	10870	10870			
				9910	9910	9910	9910	9910	9910	9870	9870	9780	9780	9780	9680	9680	9680	9680				
				8460	8460	8460	8460	8460	8460	8460	8430	8430	8350	8350	8350	8270	8270	8270	8270			
5					10690	10690	10690	10630	10630	10630	10580	10580	10520	10520	10520	10520	10460	10520	10580	10580		
					9830	9830	9830	9780	9780	9780	9730	9730	9680	9680	9680	9680	9620	9680	9730	9730		
					8770	8770	8770	8720	8720	8720	8680	8680	8630	8630	8630	8630	8580	8630	8680	8680		
					7480	7480	7480	7440	7440	7440	7410	7410	7360	7360	7360	7360	7360	7320	7360	7410	7410	
6							8660	8660	8660	8660	8660	8660	8660	8610	8610	8610	8550	8550	8660	8780	8780	
							7970	7970	7970	7970	7970	7970	7970	7920	7920	7920	7870	7870	7970	8080	8080	
							7100	7100	7100	7100	7100	7100	7100	7060	7060	7060	7010	7010	7100	7200	7200	
							6060	6060	6060	6060	6060	6060	6030	6030	6030	5990	5990	6060	6150	6150		
7									7200	7200	7200	7200	7200	7090	7090	6980	6980	7030	7090	7200	7310	
									6620	6620	6620	6620	6620	6520	6520	6420	6420	6470	6520	6620	6730	
									5900	5900	5900	5900	5810	5810	5720	5720	5760	5810	5900	5990		
									5040	5040	5040	5040	5040	4960	4960	4890	4890	4920	4960	5040	5120	
8													5740	5740	5740	5740	5740	5790	5850	5910	6020	
													5280	5280	5280	5280	5280	5330	5380	5440	5540	
													4710	4710	4710	4710	4710	4750	4800	4850	4940	
													4020	4020	4020	4020	4020	4050	4100	4140	4210	
9														5010	5010	5010	5010	5010	4950	5010	5120	
														4610	4610	4610	4610	4550	4610	4610	4710	
														4110	4110	4110	4110	4060	4110	4110	4200	
														3510	3510	3510	3510	3470	3510	3510	3580	
10																4280	4280	4280	4390	4440	4500	
																3940	3940	3940	4040	4080	4140	
																3510	3510	3510	3600	3640	3690	
																3000	3000	3000	3070	3110	3150	
11																		3830	3880	3880	3940	
																		3520	3570	3570	3620	
																		3140	3180	3180	3230	
																		2680	2720	2720	2760	
12																			3600	3600	3600	3660
																			3310	3310	3310	3370
																			2950	2950	2950	3000
																			2520	2520	2520	2560
13																				3150	3210	3260
																				2900	2950	3000
																				2580	2630	2670
																				2210	2250	2280
14																					2870	2930

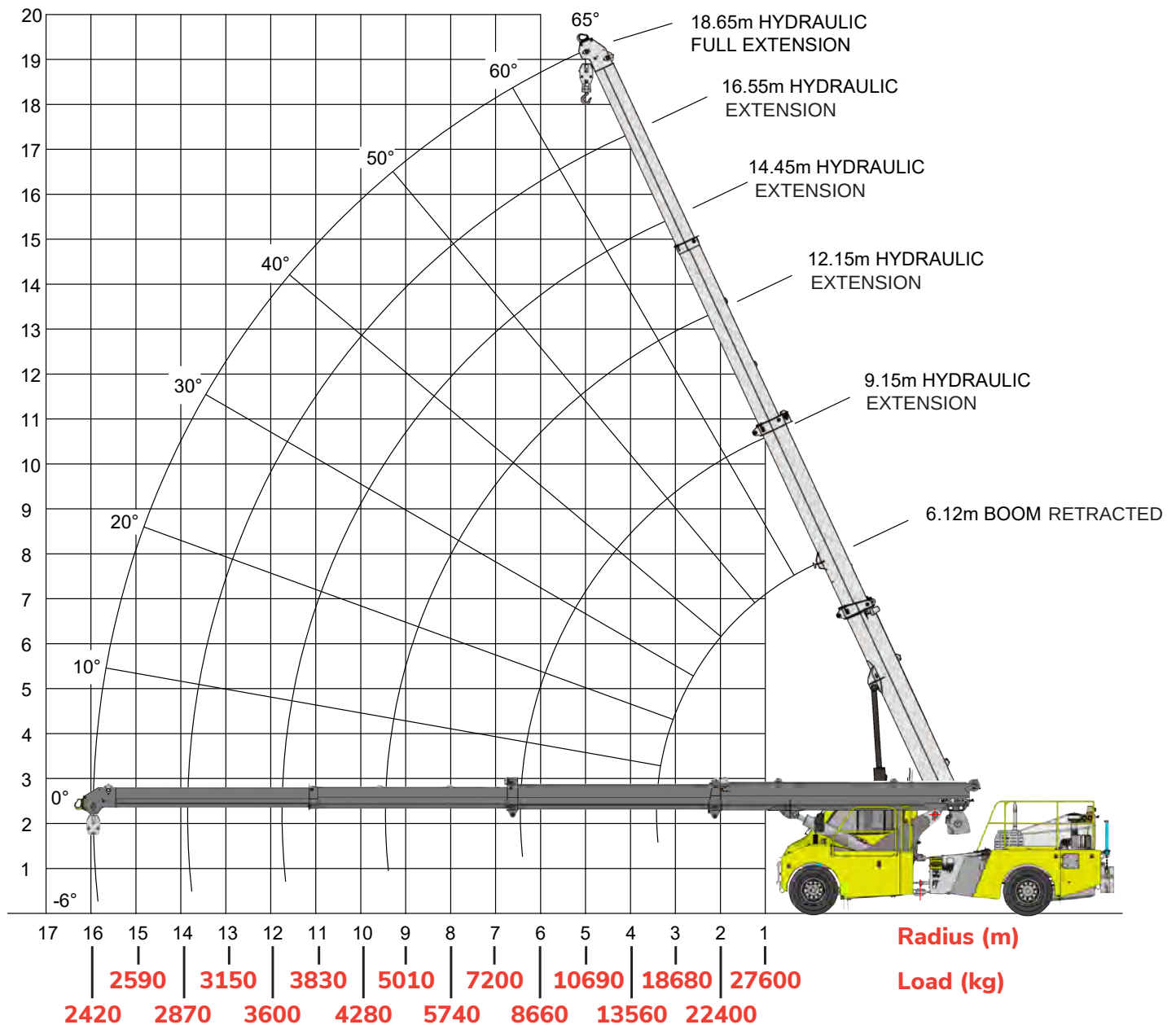
LMI DUTY 101-75

- This chart is for crane side slope from 0° to 0.6°. crane side slope larger than 0.6° the LMI will derate automatically
- Stability as per en13000:2010 (mod) and as1418.5 2013 part 4.1.2.6.1 pick and carry 66.6% of tipping load
- Operation of this machine with heavier loads than the capacities listed is strictly prohibited. machine tipping with boom extension occurs rapidly and without advance warning
- Lifting is to be vertical only
- Hoist rope: 14mm 34 x 7 grade 1960 n/mm2 non rotating min breaking force 18400kg 4600kg max line pull
- Tyre specification front and rear

WORKING RANGE

With counterweight on rear

TIDD
CRANE ||||



NOTE: Rated capacity values shown are for the stationary chart on the hook.

After Sales Support

TRT is proud to manufacture the TIDD PC28, and we are committed to supporting our product for its warranty and beyond. The team of highly experienced TIDD service technicians and agents are available to assist operators, fleet owners and workshops with training, advice, documentation and product upgrades.

Parts

TRT stocks genuine spare parts for the TIDD PC28 in Australia and NZ. We can easily arrange overnight freight for all spares and service items to ensure the Crane is returned to service with minimal downtime.

TRT reserves the right to alter specifications without notice. Photographs and drawings in this document are for illustrative purposes only. Product shown in photos contains optional features. TRT in so far as it is permitted by law to do so, shall not be liable in any way as a result of any reliance by any person on anything contained in this brochure. Please contact us for current and detailed specifications. TRT Australia Pty Ltd / Tidd Ross Todd Ltd is the manufacturer of the TIDD PC28.

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Designed & Manufactured by:



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