FORSYTH of Denny - Lifting Capacity Guide

Radius measurement taken horizontally from the center of the slew ring of the crane to the center of the load (M)

Weight to be lifted including lifting Gear (T)

	7 m	8 m	9 m	10 m	12 m	14 m	16 m	18 m	20 m	22 m	24 m	26 m	28 m	30 m	32 m	34 m	36 m	38 m	40 m	42 m	44 m	46 m	48 m	50 m	52 m	54 m	56 m	58 m	60 m	62 m	64 m	66 m	68 m	70 m	72 m	74 m	76 m	78 m
0.5 t								40t	40t	40t	40t	40t	40t	40t	45t	50t	60t	60t	70t	80t	80t	90t	100t	130t	130t	130t	130t	160t	160t	200t	200t	200t	230t	230t	230t	500t	500t	500t
1 t								40t	40t	40t	40t	40t	40t	45t	50t	60t	70t	70t	80t	80t	90t	110t	110t	130t	130t	130t	130t	160t	160t	200t	200t	200t	230t	230t	230t	500t	500t	500t
2 t	Up to 30 tm Lorry Loader							40t	40t	40t	45t	50t	60t	70t	70t	80t	80t	90t	100t	110t	110t	110t	130t	130t	130t	160t	160t	160t	200t	200t	200t	230t	230t	300t	300t	500t	500t	500t
3 t	30 tm Lorry Loader							45t	45t	50t	60t	60t	70t	80t	80t	90t	100t	110t	110t	130t	130t	130t	130t	160t	160t	160t	160t	200t	200t	230t	300t	300t	300t	300t	500t	500t	500t	500t
4 t	50 tm Lorry Loader						45t	45t	50t	60t	70t	80t	90t	90t	100t	110t	110t	130t	130t	130t	160t	160t	160t	160t	200t	200t	230t	230t	300t	300t	300t	500t	500t	500t	500t	500t	500t	
5 t						45t	45t	60t	70t	70t	80t	90t	100t	100t	110t	110t	130T	130t	130t	160t	160t	160t	200t	200t	230t	230t	300t	300t	300t	300t	300t	500t	500t	500t	500t			
6 t	80 tm Lorry Loader				40t	45t	60t	70t	70t	80t	90t	100t	110t	110t	110t	130t	130t	160t	160t	160t	200t	200t	230t	230t	300t	300t	300t	300t	300t	400t	500t	500t	500t	500t				
7 t				40t	45t	50t	60t	70t	80t	90t	100t	110t	110t	110t	130t	160t	160t	160t	160t	200t	200t	230t	230t	300t	300t	300t	300t	400t	500t	500t	500t	500t	500t					
8 t			40t	40t	45t	60t	70t	80t	90t	100t	110t	110t	130t	130t	160t	160t	160t	200t	200t	200t	230t	300t	300t	300t	300t	400t	400t	500t	500t	500t	500t	500t						
9 t		40t	40t	45t	50t	70t	80t	90t	100t	110t	110T	130t	130t	160t	160t	160t	200t	200t	200t	230t	300t	300t	300t	400t	400t	400t	400t	500t	500t	500t								
10 t	40t	40t	45t	45t	60t	70t	90t	100t	110t	110T	130t	130t	160t	160t	160t	200t	200t	200t	300t	300t	300t	300t	400t	400t	400t	400t	400t	500t	500t	500t								
12 t	40t	45t	45t	50t	70t	80t	100t	110t	110T	130t	130t	160t	160t	160t	200t	200t	230t	300t	300t	300t	400t	400t	400t	400t	400t	400t	500t	500t										
14 t	45t	45t	50t	60t	80t	90t	110t	110t	130t	130t	160t	160t	200t	200t	230t	300t	300t	300t	400t	400t	400t	400t	400t	400t	500t	500t												
16 t	45t	50t	60t	70t	90t	100t	130t	130t	160t	160t	160t	200t	200t	230t	300t	300t	300t	400t	400t	400t	400t	400t	400t	500t	500t													
18 t	50t	60t	70t	80t	100t	110t	130t	130t	160t	160t	200t	200t	230t	300t	300t	400t	400t	400t	400t	400t	400t	500t	500t	500t														
20 t	50t	70t	80t	80t	100t	110t	130t	160t	160t	200t	200t	300t	300t	300t	400t	400t	400t	400t	400t	400t	500t	500t																
22 t	60t	80t	80t	90t	110t	110t	160t	160t	200t	200t	230t	300t	300t	400t	400t	400t	400t	400t	400t	500t	500t																	
24 t	70t	80t	90t	100t	110t	130t	160t	160t	200t	200t	300t	300t	400t	400t	400t	400t	400t	400t	500t	500t																		
26 t	80t	80t	100t	100t	110t	160t	160t	200t	200t	230t	300t	400t	400t	400t	400t	400t	400t	500t	500t																			
28 t	80t	90t	100t	110t	130T	160t	160t	200t	230t	300t	300t	400t	400t	400t	400t	400t	500t	500t																				
30 t	80t	100t	110t	110t	130T	160t	160t	200t	300t	300t	400t	400t	400t	400t	400t	500t	500t																					
32 t	90t	100t	110t	110t	160t	160t	200t	230t	300t	400t	400t	400t	400t	400t	500t	500t	500t																					
34 t	90T	110t	110t	130t	160t	200t	200t	300t	300t	400t	400t	400t	400t	400t	500t	500t																						
36 t	100t	110t	110t	130t	160t	200t	200t	300t	300t	400t	400t	400t	400t	500t	500t																							
38 t	100t	110t	110t	160t	160t	200t	230t	300t	400t	400t	400t	400t	500t	500t	500t																							
40 t	110t	110t	130T	160t	160t	200t	300t	300t	400t	400t	400t	400t	500t	500t																								
42 t	110t	110t	160t	160t	160t	230t	300t	300t	400t	400t	400t	500t	500t	500t																								
44 t	110t	130T	160t	160t	200t	230t	300t	400t	400t	400t	400t	500t	500t																									
46 t	110t	130T	160t	160t	200t	300t	300t	400t	400t	400t	400t	500t	500t																									
48 t	130T	160t	160t	200t	200t	300t	400t	400t	400t	400t	500t	500t																										
50 t	130T	160t	160t	200t	230t	300t	400t	400t	400t	400t	500t	500t																										
55 t	160t	160t	160t	200t	300t	300t	400t	400t	400t	500t	500t																											
60 t	160t	160t	200t	230t	300t	400t	400t	400t	500t	500t																												
65 t	160t	160t	230t	300t	400t	400t	400t	400t	500t																													
70 t	160t	200t	300t	300t	400t	400t	400t	500t	500t																													
75 t	200t	230t	300t	300t	400t	400t	500t	500t																														
80 t	200t	300t	300t	400t	400t	400t	500t																															
85 t	230t	300t	300t	400t	400t	500t	500t																															
90 t	300t	300t	400t	400t	400t	500t																																
95 t	300t	300t	400t	400t	400t	500t																																
100 t	300t	400t	400t	400t	500t	500t																																
105 t	300t	400t	400t	400t	500t																																	
110 t	300t	400t	400t	400t	500t																																	
115 t	400t	400t	400t	400t	500t																																	
120 t	400t	400t	400t	500t																																		
125 t	400t	400t	400t	500t																																		
130 t	400t	400t	500t	500t																																		
135 t	400t	400t	500t	500t																																		
140 t	400t	400t	500t	500t																																		

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Please Note :

This chart is is designed for use as a guideline only. Smaller or larger cranes than stated could be required depending on the application and crane configuration.