



Crane Capacity Guide

Instructions:

1. Locate the weight of load and crane operating radius.

The Crane Capacity Guide is for guidance purposes only, and must not be relied upon for calculating the size of crane required. Dunns Twin City Cranes can also not

Radius in metres from centre of crane slew to centre of lift

t/m	7m	8m	9m	10m	12m	14m	16m	18m	20m	22m	24m	25m	28m	30m	32m	34m	36m	38m	40m	42m	44m	46m	48m	50m	52m	54m
0.5t	20t	20t	20t	20t	20t	20t	20t	20t	20t	20t	25t	25t	35t	35t	50t	50t	70t	70t	80t	80t	90t	100t	120t	120t	120t	120t
1t	20t	20t	20t	20t	20t	20t	20t	20t	25t	25t	35t	35t	50t	50t	60t	70t	70t	80t	80t	90t	100t	120t	120t	120t	120t	120t
2t	20t	20t	20t	20t	20t	20t	25t	25t	35t	35t	50t	50t	60t	60t	70t	80t	80t	80t	90t	100t	100t	120t	120t	160t	160t	160t
3t	20t	20t	20t	20t	20t	25t	35t	35t	50t	50t	60t	70t	70t	80t	80t	90t	90t	100t	100t	120t	120t	160t	160t	160t	160t	200t
4t	20t	20t	20t	20t	25t	35t	35t	50t	50t	60t	70t	80t	80t	90t	90t	100t	100t	120t	120t	160t	160t	160t	160t	200t	225t	225t
5t	20t	20t	25t	25t	35t	35t	50t	50t	60t	70t	80t	80t	90t	100t	100t	120t	120t	160t	160t	160t	160t	200t	200t	225t	250t	300t
6t	25t	25t	25t	25t	35t	50t	50t	60t	70t	80t	90t	90t	100t	100t	120t	160t	160t	160t	160t	160t	200t	225t	225t	225t	250t	300t
7t	25t	25t	25t	35t	50t	50t	60t	70t	80t	90t	100t	100t	120t	120t	160t	160t	160t	160t	200t	200t	225t	225t	250t	250t	300t	300t
8t	25t	35t	35t	35t	50t	60t	60t	80t	90t	90t	100t	100t	120t	120t	160t	160t	160t	200t	200t	225t	225t	250t	250t	300t	300t	800t
9t	35t	35t	35t	50t	50t	60t	70t	80t	90t	100t	120t	120t	160t	160t	160t	200t	225t	225t	225t	250t	250t	250t	300t	300t	300t	800t
10t	35t	35t	35t	50t	60t	70t	80t	90t	100t	120t	160t	160t	160t	160t	200t	225t	225t	225t	250t	250t	250t	300t	300t	300t	800t	800t
11t	35t	35t	50t	50t	60t	80t	90t	100t	100t	120t	160t	160t	160t	200t	225t	225t	250t	250t	250t	300t	300t	300t	400t	800t	800t	800t
12t	35t	50t	50t	50t	70t	80t	100t	100t	120t	120t	160t	160t	160t	200t	225t	225t	250t	250t	300t	300t	300t	400t	800t	800t	800t	800t
13t	35t	50t	50t	60t	80t	80t	100t	120t	120t	160t	160t	160t	200t	200t	225t	250t	250t	250t	300t	300t	400t	400t	800t	800t	800t	800t
14t	50t	50t	50t	60t	80t	90t	100t	120t	120t	160t	160t	200t	200t	225t	250t	250t	250t	250t	300t	400t	400t	400t	800t	800t	800t	800t
15t	50t	50t	60t	70t	80t	100t	100t	120t	160t	160t	160t	200t	225t	225t	250t	250t	250t	300t	400t	400t	400t	400t	800t	800t	800t	800t
16t	50t	50t	60t	70t	80t	100t	120t	120t	160t	160t	200t	200t	225t	250t	250t	250t	300t	300t	400t	400t	400t	400t	800t	800t	800t	800t
17t	50t	60t	70t	70t	90t	100t	120t	160t	160t	160t	200t	225t	225t	250t	250t	300t	300t	400t	400t	400t	400t	400t	800t	800t	800t	800t
18t	60t	70t	70t	80t	90t	100t	120t	160t	160t	200t	200t	225t	250t	250t	300t	400t	400t	400t	400t	400t	400t	500t	800t	800t	800t	800t
19t	60t	70t	70t	80t	100t	120t	120t	160t	160t	200t	200t	225t	250t	250t	300t	400t	400t	400t	400t	400t	400t	500t	800t	800t	800t	800t
20t	60t	70t	80t	80t	100t	120t	160t	160t	200t	200t	225t	225t	250t	250t	300t	400t	400t	400t	400t	400t	400t	500t	500t	800t	800t	800t
21t	70t	70t	80t	80t	100t	120t	160t	160t	200t	200t	225t	250t	250t	300t	400t	400t	400t	400t	400t	400t	400t	400t	500t	800t	800t	800t
22t	70t	70t	80t	90t	100t	120t	160t	160t	200t	225t	225t	250t	250t	300t	400t	400t	400t	400t	400t	400t	400t	500t	800t	800t	800t	800t
23t	80t	80t	80t	90t	100t	120t	160t	160t	200t	225t	225t	250t	300t	300t	400t	400t	400t	400t	400t	400t	500t	500t	800t	800t	800t	800t
24t	80t	80t	80t	90t	100t	120t	160t	160t	200t	200t	225t	250t	250t	300t	300t	400t	400t	400t	400t	400t	400t	500t	500t	800t	800t	800t
25t	80t	80t	90t	100t	120t	160t	160t	200t	200t	225t	225t	250t	300t	300t	400t	400t	400t	400t	400t	500t	500t	500t	800t	800t	800t	800t
26t	80t	80t	90t	100t	120t	160t	160t	200t	225t	250t	250t	300t	300t	400t	400t	400t	400t	400t	500t	500t	500t	800t	800t	800t	800t	800t
27t	80t	80t	90t	100t	120t	160t	160t	200t	225t	250t	300t	300t	400t	400t	400t	400t	400t	500t	500t	500t	800t	800t	800t	800t	800t	
28t	80t	80t	90t	100t	120t	160t	200t	200t	225t	250t	300t	300t	400t	400t	400t	400t	400t	500t	500t	500t	800t	800t	800t	800t		
29t	80t	90t	100t	100t	160t	160t	200t	225t	250t	250t	300t	300t	400t	400t	400t	400t	400t	500t	500t	500t	800t	800t	800t	800t		
30t	80t	90t	100t	100t	160t	160t	200t	225t	250t	300t	300t	300t	400t	400t	400t	400t	500t	500t	500t	800t	800t	800t	800t			

Weight to be lifted in tonnes

- NOTE:**
1. This is a load radius chart, no account has been taken for the height of lift.
 2. This chart is based on using a minimum main boom length of 20.0m.
 3. Crane capacities will vary from manufacturer to manufacturer.

HOW TO USE THIS CHART (example):
 To lift 2 tonnes at 12m radius: Locate 2 tonnes on the weight column and 12m on the radius row. Where the columns intersect, read off the crane capacity required - a 20 tonne crane. Refer to the AGL Spec Guide for further

