

<b>H30D Circular truss - Allowable Loading</b>																					
Diameter		3 Suspension Points				4 Suspension Points				6 Suspension Points				8 Suspension Points				10 Suspension Points			
		UDL		CPL		UDL		CPL		UDL		CPL		UDL		CPL		UDL		CPL	
m	ft	kg/m	lbs/ft	kg	lbs	kg/m	lbs/ft	kg	lbs	kg/m	lbs/ft	kg	lbs	kg/m	lbs/ft	kg	lbs	kg/m	lbs/ft	kg	lbs
4	13.1	115	77,1	317	699,8	204	137,3	456	1006,3	409	275,3	686	1513,3	621	417,7	839	1852,5	829	558,1	938	2070,3
6	19.7	58	38,7	231	510,0	109	73,7	347	767,0	238	160,5	565	1246,8	379	254,9	731	1612,9	520	349,9	847	1870,6
8	26.2	34	22,9	181	400,3	68	45,9	280	618,8	159	106,7	480	1059,3	262	176,2	647	1427,6	368	247,6	773	1705,6
10	32.8	22	14,7	149	328,9	46	31,1	235	518,0	114	76,4	417	920,3	194	130,5	580	1280,0	278	187,4	710	1567,0
12	39.4	15	10,0	126	278,7	33	22,3	202	444,9	85	57,4	357	789,0	150	101,2	484	1069,0	220	148,1	610	1346,1
14	45.9	10	7,1	109	241,5	25	16,6	176	389,6	62	41,6	302	667,3	112	75,6	412	909,5	177	119,4	520	1148,4

This loading figure is based on Uniformly Divided Suspension Points and a suspended load in each of the fields. In all other cases, this loading data is NOT valid. If loads are unevenly divided, instability will occur. For more details and loading figures of other diameters, please contact our engineering department.

- The absence of diagonal braces at the top and/or bottom side of the truss means a dramatic reduction in the allowable loading; a structural report per situation is required for these models.
- Loading figures are based on Eurocode; to comply with BS 7905-2 / ANSI E1.2-2006 / CWA 15902-2, the loading data must be multiplied by 0.85.
- Truss orientation apex-up/down. Truss 100% horizontal.