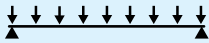
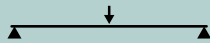
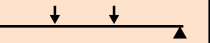
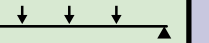
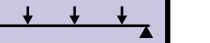


ModTruss 3" Steel Truss Load Table

Span Feet (Meters)	Uniformly Distributed Load 		Center Point Load 		Third Point Load Total Load = Point Load x 2 		Quarter Point Load Total Load = Point Load x 3 		Fifth Point Load Total Load = Point Load x 4 	
	Total Load Pounds (kgs)	Deflection Inches (mm)	Point Load Pounds (kgs)	Deflection Inches (mm)	Point Load Pounds (kgs)	Deflection Inches (mm)	Point Load Pounds (kgs)	Deflection Inches (mm)	Point Load Pounds (kgs)	Deflection Inches (mm)
5 (1.52)	2,599 (1,178.89)	0.17 (4.32)	1,287 (583.77)	0.13 (3.30)	972 (440.89)	0.17 (4.32)	648 (293.93)	0.16 (4.06)	540 (244.94)	0.17 (4.32)
10 (3.04)	1,262 (572.43)	0.68 (17.27)	631 (286.22)	0.55 (13.97)	467 (211.83)	0.68 (17.27)	311 (141.07)	0.65 (16.51)	261 (118.39)	0.68 (17.27)
15 (4.57)	800 (362.87)	1.53 (38.86)	400 (181.44)	1.25 (31.75)	300 (136.18)	1.56 (39.62)	200 (90.72)	1.47 (37.34)	167 (75.75)	1.54 (39.12)
20 (6.09)	556 (252.20)	2.72 (69.09)	278 (126.10)	2.25 (57.15)	209 (94.80)	2.77 (70.36)	139 (63.05)	2.62 (66.55)	116 (52.62)	2.73 (69.34)
25 (7.62)	400 (181.44)	4.25 (107.95)	200 (90.72)	3.60 (91.44)	150 (68.04)	4.32 (109.73)	100 (45.36)	4.12 (104.65)	83 (37.65)	4.27 (108.46)
30 (9.14)	287 (130.18)	6.12 (155.45)	144 (65.32)	5.31 (134.87)	108 (48.99)	6.21 (157.73)	72 (32.66)	5.95 (151.13)	60 (27.22)	6.15 (156.21)

Information extracted from the structural report by Clark Reeder Engineering | 10091 Mosteller Lane | West Chester OH 45069 | Ph 513-851-1223 | Date: 11/7/2017 | CRE Project No. 17.419.07 | Drawn by: JMR/DDL | S1.2

3" Steel Truss (unbraced length) Column Load Capacity	
10' (3.04 meters)	19,620 lbs (8,899.48 kg)
20' (6.09 meters)	5,580 lbs (2,531.04 kg)
30' (9.14 meters)	2,070 lbs (938.93 kg)

All columns are assumed to be pinned top and bottom and use an Effective Length Factor of K=1.0.

All capacities assume that no other shear, flexure, or torsional forces are applied to the column.

Information extracted from the structural report by Clark Reeder Engineering | Date: 02/22/2019 | CRE Project No. 19.419.05 | Engineer: DJP

