

## ModTruss 12" Steel *Laminated* Truss Load Table

**With Splice Plates at connections**



Span Feet (Meters)	Uniformly Distributed Load (Total Load x Span - feet)		Center Point Load (Point Load x1)		Third Point Load (Point Load x2)		Quarter Point Load (Point Load x3)		Fifth Point Load (Point Load x4)	
	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)	87,718 (39,788.22)	0.01 (0.46)	50,918 (23,096.02)	0.017 (0.43)	38,259 (17,353.99)	0.02 (0.56)	25,506 (11,569.33)	0.02 (0.51)	21,263 (9,644.73)	0.02 (0.51)
10 (3.04)	50,684 (22,989.88)	0.08 (2.16)	25,342 (11,494.94)	0.06 (1.73)	18,942 (8,591.95)	0.08 (2.18)	12,628 (5,727.96)	0.08 (2.06)	10,538 (4,779.96)	0.08 (2.06)
15 (4.57)	33,335 (15,120.50)	0.19 (4.85)	16,668 (7,560.48)	0.15 (3.91)	12,501 (5,670.36)	0.19 (4.95)	8,334 (3,780.34)	0.18 (4.65)	6,945 (3,150.20)	0.19 (4.83)
20 (6.09)	24,544 (11,132.97)	0.33 (8.61)	12,272 (5,772.87)	0.27 (6.96)	9,204 (4,174.86)	0.34 (8.79)	6,136 (2,783.24)	0.32 (8.28)	5,113 (2,319.22)	0.34 (8.64)
25 (7.62)	19,166 (8,693.55)	0.53 (13.46)	9,583 (4,346.78)	0.43 (10.95)	7,187 (3,259.97)	0.54 (13.74)	4,792 (2,173.62)	0.51 (12.95)	3,993 (1,811.19)	0.53 (13.46)
30 (9.14)	15,495 (7,028.41)	0.76 (19.38)	7,747 (3,513.98)	0.62 (15.88)	5,811 (2,635.83)	0.77 (19.79)	3,874 (1,757.22)	0.73 (18.54)	3,228 (1,464.20)	0.76 (19.30)
35 (10.67)	12,799 (5,805.53)	1.03 (26.39)	6,399 (2,902.54)	0.85 (21.77)	4,799 (2,176.79)	1.05 (26.90)	3,200 (1,451.50)	1.00 (25.40)	2,666 (1,209.28)	1.04 (26.42)
40 (12.19)	10,712 (4,858.88)	1.35 (34.47)	5,356 (2,429.44)	1.13 (28.70)	4,017 (1,822.08)	1.38 (35.10)	2,678 (1,214.72)	1.31 (33.27)	2,232 (1,012.42)	1.36 (34.54)
45 (13.72)	9,032 (4,096.85)	1.71 (43.61)	4,516 (2,048.42)	1.44 (36.70)	3,387 (1,536.32)	1.74 (44.40)	2,258 (1,024.21)	1.66 (42.16)	1,882 (853.66)	1.72 (43.69)
50 (15.24)	7,636 (3,463.63)	2.12 (53.85)	3,818 (1,731.82)	1.80 (45.82)	2,864 (1,299.09)	2.15 (54.74)	1,909 (865.91)	2.05 (52.07)	1,591 (721.67)	2.13 (54.10)
55 (16.76)	6,447 (2,924.31)	2.56 (65.15)	3,224 (1,462.38)	2.21 (56.13)	2,418 (1,096.79)	2.60 (66.17)	1,612 (731.19)	2.49 (63.25)	1,343 (609.17)	2.58 (65.53)
60 (18.29)	5,413 (2,455.30)	3.05 (77.55)	2,707 (1,227.88)	2.66 (67.72)	2,030 (920.79)	3.09 (78.64)	1,353 (613.71)	2.97 (75.44)	1,128 (511.65)	3.06 (77.72)
65 (19.81)	4,499 (2,040.71)	3.58 (91.01)	2,249 (1,020.13)	3.17 (80.62)	1,687 (765.21)	3.62 (92.18)	1,125 (510.29)	3.50 (88.90)	937 (425.02)	3.60 (91.44)
70 (21.34)	3,678 (1,668.31)	4.15 (105.56)	1,839 (834.16)	3.73 (94.95)	1,379 (625.50)	4.20 (106.73)	920 (417.31)	4.07 (103.38)	766 (347.45)	4.17 (105.92)

