

truss

medium duty truss 20.5 x 20.5 plated

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Standard lengths are 10', 8' and 5'
Custom lengths available upon request

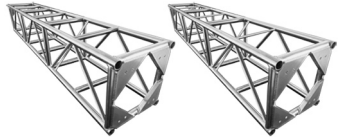
Equipped with bolts
Main chords are 2" OD x 1/8" aluminum
Diagonals are 1" OD x 1/8" aluminum
Studio version available with 2" OD x 3/16" main chords
Available with casters
Fabricated by certified welders

| Span ft (mtrs) | Maximum allowable uniform loads | | | Maximum allowable point loads | | | | | |
|--|------------------------------------|-------------------|---------------------|-------------------------------|---------------------|-------------------|---------------------|-------------------|---------------------|
| | Load lbs/ft | Load lbs (kgs) | Max Defl. in. | center point | | third point | | quarter point | |
| | | | | Load lbs (kgs) | Max Defl. in. | Load lbs (kgs) | Max Defl. in. | Load lbs (kgs) | Max Defl. in. |
| 5/8" diameter Grade 8 Bolts with standard washers through 3/8" gusset plates | | | | | | | | | |
| 10 (3.04) | 839 | 8390 (3806) | 0.08 | 4744 (2152) | 0.07 | 3558 (1614) | 0.09 | 2372 (1076) | 0.08 |
| 20 (6.09) | 230 | 4600 (2087) | 0.34 | 2306 (1046) | 0.27 | 1729 (784) | 0.35 | 1153 (523) | 0.32 |
| 30 (9.14) | 97 | 2910 (1320) | 0.76 | 1464 (664) | 0.62 | 1098 (498) | 0.78 | 732 (332) | 0.73 |
| 40 (12.21) | 51 | 2040 (925) | 1.36 | 1021 (463) | 1.13 | 765 (347) | 1.39 | 510 (231) | 1.30 |
| 50 (15.24) | 29 | 1450 (658) | 2.10 | 737 (334) | 1.80 | 553 (251) | 2.16 | 369 (167) | 2.05 |

Note: Deflections reported in the above tables are maximum expected for full loadings (indoors only). All loads are based on 10' (3.04 m) sections. Other section lengths are available. Load tables are reprinted from engineering reports developed by Parkhill, Smith & Cooper, Inc., structural engineers, and apply to truss fabricated after December, 1989.

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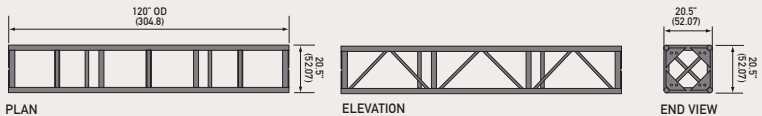


Studio M-D Truss

M-D Truss

medium duty truss 20.5 x 20.5 plated
end plates equipped for double sets of bolts

| Product Description | Item Code | Weight lbs (kgs) | Product Description | Item Code | Weight lbs (kgs) |
|----------------------------------|--------------------|---------------------|--|-------------------|---------------------|
| 5-FT MEDIUM DUTY TRUSS | Bolt TRS 2020-060B | 56 (25) | MD ARTICULATING BLOCK HORIZONTAL(center pivot) | Bolt TRS 2020-AHB | 59 (27) |
| 8-FT MEDIUM DUTY TRUSS | Bolt TRS 2020-096B | 77 (35) | MD ARTICULATING BLOCK VERTICAL(center pivot) | Bolt TRS 2020-AVB | 59 (27) |
| 10-FT MEDIUM DUTY TRUSS | Bolt TRS 2020-120B | 85 (39) | MD VARIABLE CORNER HOR. (book style with brace) | Bolt TRS 2020-VHB | 45 (21) |
| MEDIUM DUTY 2-WAY CORNER | Bolt TRS 2020-C2B | 31 (14) | MD VARIABLE CORNER VER. (book style with brace) | Bolt TRS 2020-VVB | 45 (21) |
| MEDIUM DUTY 3-WAY CORNER | Bolt TRS 2020-C3B | 32 (15) | MD 2-WAY SLEEVE FOR 12" TOWER | Bolt TRS 2020-S2B | 43 (20) |
| MEDIUM DUTY 4-WAY CORNER | Bolt TRS 2020-C4B | 39 (18) | MD 3-WAY SLEEVE FOR 12" TOWER | Bolt TRS 2020-S3B | 50 (23) |
| MEDIUM DUTY 5-WAY CORNER | Bolt TRS 2020-C5B | 52 (24) | MD 4-WAY SLEEVE FOR 12" TOWER | Bolt TRS 2020-S4B | 56 (26) |
| MEDIUM DUTY 6-WAY CORNER | Bolt TRS 2020-C6B | 58 (27) | | | |
| 5-FT MEDIUM DUTY TRUSS (studio) | Bolt TRS 20ST-060B | 66 (30) | | | |
| 8-FT MEDIUM DUTY TRUSS (studio) | Bolt TRS 20ST-096B | 91 (42) | | | |
| 10-FT MEDIUM DUTY TRUSS (studio) | Bolt TRS 20ST-120B | 102 (47) | | | |



PLAN VIEWS 5-Way & 6-Way Available Sleeve Version

