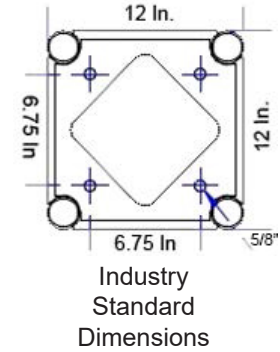




# LOAD BEARING CHART

XT-BT Series Dimensions: Height: **12"** Width: **12"**  
 Main Tube: **2in** / 50mm Braces: **1in** / 25mm  
 Wall Thickness: **1/8in** / 3mm  
**English Specifications are in RED**

Material: EN-AWT6 6082 Aluminum  
 Fabricated by GSI SLV-certified welders  
 ProX Bolted Truss is compatible with most other major brands that utilize the industry standard bolt pattern for box truss.  
*This Load Chart is for Straight Horizontal Spans*



Span	Uniform				Center Point Load 1@				Point Load In Third-point - 2@				Point Load In Quarter-point - 3@			
	m / ft	kg	lbs	cm	inch	kg	lbs	cm	inch	kg	lbs	cm	inch	kg	lbs	cm
1.52 / 5	1656	<b>3650</b>	0.0356	<b>0.014</b>	554	<b>1220</b>	0.0203	<b>0.008</b>	284	<b>625</b>	0.1524	<b>0.007</b>	279	<b>615</b>	0.0178	<b>0.009</b>
3.05 / 10	1642	<b>3620</b>	0.2845	<b>0.112</b>	554	<b>1220</b>	0.1524	<b>0.600</b>	275	<b>607</b>	0.1372	<b>0.054</b>	274	<b>605</b>	0.1829	<b>0.072</b>
6.09 / 20	1313	<b>2895</b>	1.8440	<b>0.726</b>	524	<b>1155</b>	1.2065	<b>0.475</b>	263	<b>580</b>	1.0414	<b>0.410</b>	267	<b>588</b>	1.4452	<b>0.569</b>
9.14 / 30	834	<b>1839</b>	4.1529	<b>1.635</b>	417	<b>920</b>	3.3909	<b>1.335</b>	251	<b>554</b>	3.4671	<b>1.365</b>	209	<b>460</b>	3.9675	<b>1.562</b>
12.21 / 40	499	<b>1100</b>	6.6954	<b>2.636</b>	250	<b>550</b>	5.6134	<b>2.210</b>	186	<b>410</b>	6.7793	<b>2.669</b>	124	<b>273</b>	6.3119	<b>2.485</b>

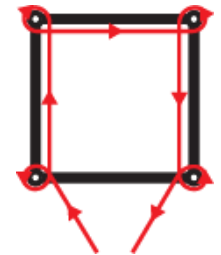
### Abbreviations used in this chart:

- m - Meters
- ft - Feet
- lbs - Pounds
- cm - Centimeters
- kg - Kilograms
- lbs/ft - Pounds Per Linear Foot

ProX loading tables are also dependent on correct assembly of the trussing components. Always make sure that the diagonal bracing are configured to be opposite the connecting pieces when assembling joints. For horizontal spans the ladder portions should be oriented up and down and never on the sides. When you are tightening the bolts, always wrench down with your ratchet from the nut side, and only tighten 1/4 to 1/2 turn past firm. If you over-tighten your bolts you risk damaging or even breaking them.

### Sling Hitching Box Truss

The most uniform loading to sling truss shown in the diagram to the right. Always use appropriately rated slings. The arrows indicate the direction to wrap the truss.



Loading figures only valid for static (non moving) loads and spans with two supporting points. Calculated for ProX BoltX™ only, if mixed with other trussing this chart is void! If dynamic loads or wind loads are involved, or more supporting points are applied, contact a structural engineer. Weight of the truss components are considered in load table. Deflections reported in the table above are the maximum expected for listed weights in indoor construction only! (Seismic and wind loads have not been considered.) Other sectional lengths are available that can make spans other than those seen in this chart. It is acceptable to interpolate load values for those other spans utilizing this chart. This truss loading chart is calculated based on engineering design studies and is not from destructive or non-destructive testing.