


# Truss Products

By NookSchoenfeld

It's been three years since *PLSN* has had a Buyers Guide on truss. While many manufacturers seem to make the standard 12-inch and 20.5-inch box truss, the connections and weight loads can vary greatly. Instead of focusing on the more basic truss products in their catalogs, most of the manufacturers listed here opted instead to provide information on products that offer a point of difference from what their competitors have on the market. We've also included a few listings where the product is a truss accessory, rather than truss itself.


**Applied Truss and Electronics**



**Model:** 20.5 x 20.5 HD Schedule 80  
**Truss Type:** Box  
**Alloy Type:** 6061-T6 Aluminum  
**Compliances:** ANSI E1.2 — 2012 Entertainment Technology/Design, manufacture and use of aluminum trusses and towers  
**Dimensions:** 20.5 x 20.5"  
**Available Lengths:** 10', 8', 5', 2.5'  
**Max Uniform Load/20' Span:** 6,800 lbs.  
**Max Center Uniform Load/20' Span:** 4,113 lbs.  
**Max Uniform Load/40' Span:** 3,880 lbs.  
**Max Center Uniform Load/40' Span:** 1,949 lbs.  
**Connection Type:** Bolted  
**Base Plate Sizes:** 48", 36", 24"  
**Accessories:** Truss picks, dollies, powder coating  
**MSRP:** \$1,400

[appliednn.com](http://appliednn.com)


**James Thomas Engineering**



**Model:** Galaxy 240  
**Truss Type:** Rectangular Pre-rig  
**Alloy Type:** 6061-T6 & Stainless Steel  
**Dimensions:** Truss: 2 x 1'3"; Truss and Dolly: 3' 5/4" x 2'  
**Available Lengths:** 8', 10'  
**Max Uniform Load/20' Span:** 7,460 lbs.  
**Max Center Uniform Load/20' Span:** 3,730 lbs.  
**Max Uniform Load/40' Span:** 3,314 lbs.  
**Max Center Uniform Load/40' Span:** 1,657 lbs.  
**Connection Type:** Fork  
**MSRP:** N/A  
**More Details:** The high capacity Galaxy 240 pre-rig truss features stainless steel, rotating omni fork connections and adjustable mounting bars (for conventional or moving lights) for extreme versatility. Ideal for touring or venues, its space saving 150 design and dedicated foldaway dolly allows for easy fixture packing.

[jthomaseng.com](http://jthomaseng.com)

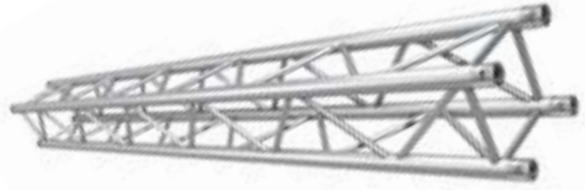
**Litec**



**Model:** MyT Folding Steroid Truss  
**Truss Type:** Rectangular  
**Alloy Type:** Extruded aluminum EN AW-7003 T6  
**Dimensions:** Open: 2.88" x 5.56" x 10.21'; Folded: 1.15" x 5.56" x 10.21"  
**Available Lengths:** 10.21'  
**Max Uniform Load/20' Span:** 33,064 lbs.  
**Max Center Uniform Load/20' Span:** 27,332 lbs.  
**Max Uniform Load/40' Span:** 31,940 lbs.  
**Max Center Uniform Load/40' Span:** 22,544 lbs.  
**Connection Type:** Fork  
**Base Plate Type:** N/A  
**Accessories:** EN AW-6082 T6 Aluminum Towers, S355 Steel Corner Block, S355 Steel Sleeve block, S355 Steel Safety Block and S355 Steel Ballast Base  
**MSRP:** N/A  
**More Details:** This high strength, heavy-duty truss features a unique foldable design (63% reduction in width) that greatly decreases space requirements. All truss elements assembled with nuts and bolts, eliminating heat-affected zones and allowing for 100 percent serviceability.

[litetruss.com](http://litetruss.com)


**Cosmic Truss**



**Model:** F34P  
**Truss Type:** Box  
**Alloy Type:** 6082-T6  
**Compliances:** TUV  
**Dimensions:** 11.4" x 11.4"  
**Available Lengths:** 9.84', 8.20', 6.56', 4.92', 3.28', 1.64'  
**Max Uniform Load/20' Span:** 4,378 lbs.  
**Max Center Uniform Load/20' Span:** 2,103 lbs.  
**Max Uniform Load/40' Span:** 2,275 lbs.  
**Max Center Uniform Load/40' Span:** 1,067 lbs.  
**Connection Type:** Spigot  
**Base Plate Sizes:** 36", 30", 24", 16", 12" x 48", 12"  
**Accessories:** Yes  
**MSRP:** N/A  
**More Details:** Premium high load variant, 3mm wall thickness

[cosmictruss.com](http://cosmictruss.com)

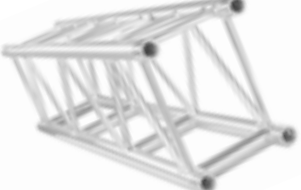
**Eurotruss**



**Model:** FD34/HD34  
**Truss Type:** Box  
**Alloy Type:** EN-AW 6082 T6 Aluminum  
**Compliances:** DIN EN 1999-1-1 & 1999-1-1/A2 (Eurocode 9) ANSI E1.2 - 2012  
**Dimensions:** 11.42" x 11.42"  
**Available Lengths:** 1.6', 3.2', 4.9', 6.5', 8.2', 9.8', 11.48'  
**Max Uniform Load/20' Span:** 3,361/4,934 lbs.  
**Max Center Uniform Load/20' Span:** 1,674/2,464 lbs.  
**Max Uniform Load/40' Span:** 1,559/2,326 lbs.  
**Max Center Uniform Load/40' Span:** 783/1,166 lbs.  
**Connection Type:** Conical Connector  
**Base Plate Sizes:** 12", 24", 30", 36", 48"  
**Accessories:** All size cornerblocks  
**MSRP:** N/A  
**More Details:** Quotes within 24 hours, and many truss systems in stock and ready to ship.

[eurotruss.com](http://eurotruss.com)

**Milos**



**Model:** RTL  
**Truss Type:** Rectangular  
**Alloy Type:** Aluminum EN AW 6082 T6  
**Dimensions:** 11.40" x 15.35"  
**Available Lengths:** .5m, 1m, 1.5m, 2m, 2.5m, 3m, 3.5m, 4m  
**Max Uniform Load/20' Span:** 1,856.64 lbs.  
**Max Center Uniform Load/20' Span:** 3,095.82 lbs.  
**Max Uniform Load/40' Span:** 982.92 lbs.  
**Max Center Uniform Load/40' Span:** 1596.42 lbs.  
**Connection Type:** Conical  
**Accessories:** Yes  
**MSRP:** N/A  
**More Details:** The Milos RTL's unique 29 x 39cm rectangular format allows for increased characteristics of larger truss & with reduced volume of a smaller width profile. Easy-fit pin orientation of lower tubes for assembly and horizontal chords for greater rigging positions.

[milosystems.com](http://milosystems.com)

**ModTruss Inc.**



**Model:** MT-TR Series  
**Truss Type:** Box  
**Dimensions:** 12" x 12"  
**Available Lengths:** .5', 1', 2', 3', 4', 5', 6', 7', 8', 9', 10'  
**Max Uniform Load/20' Span:** 5,356 Lbs.  
**Max Center Uniform Load/20' Span:** 3,222 Lbs.  
**Max Uniform Load/40' Span:** 2,146 Lbs.  
**Max Center Uniform Load/40' Span:** 1,153 Lbs.  
**Connection Type:** Plated, Bolt  
**Base Plate Sizes:** 12x18", 24x24", 48x48"  
**Accessories:** Sleeves, hinges, wheels, panels, pipe adaptors, joist hangers, stairs, hand-rails.  
**MSRP:** \$187 to \$999  
**More Details:** ModTruss is a structural product engineered for modularity and flexibility with connectivity on all six sides. Standardizing the 3" hole pattern makes it compatible to the entire family.

[modtruss.com](http://modtruss.com)

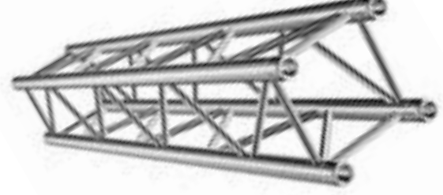
**Generico Entertainment Products**



**Model:** Generico MLT-10  
**Truss Type:** Box Type  
**Alloy Type:** NA  
**Compliances:** Manufactured in TUV certified facility  
**Dimensions:** 14"H x 24"D x 120"  
**Available Lengths:** 10', 8', 5'  
**Max Uniform Load/20' Span:** 210 lbs./foot (4,200 lbs. total)  
**Max Center Uniform Load/20' Span:** 4204 lb. lbs.  
**Max Uniform Load/40' Span:** 201 lbs.  
**Max Center Uniform Load/40' Span:** UDL 79lb/foot - Center point 1741 lb. lbs.  
**Connection Type:** Spigot  
**Base Plate Sizes:** 36 x 36  
**Accessories:** Leg dollies  
**MSRP:** NA  
**More Details:** Generico MLT is compatible with leading brands & stocked in black. Natural aluminum upon request.

[genericoep.com](http://genericoep.com)


**Global Truss**



**Model:** SQ-4114P  
**Truss Type:** Box Trussing  
**Alloy Type:** Aluminum Alloy EN AW-6082 T6  
**Compliances:** TUV Nord  
**Dimensions:** 11.41-Inches  
**Available Lengths:** 0.5m, 1m, 1.5m, 2m, 2.5m, 3m  
**Max Uniform Load/20' Span:** 4,375 lbs.  
**Max Center Uniform Load/20' Span:** 2,100 lbs.  
**Max Uniform Load/40' Span:** 2,268 lbs.  
**Max Center Uniform Load/40' Span:** 1,065 lbs.  
**Connection Type:** Conical  
**Base Plate Sizes:** Aluminum and steel  
**Accessories:** Variety available  
**MSRP:** Contact dealer  
**More Details:** Heavy duty square truss with 3mm wall.

[globaltruss.com](http://globaltruss.com)

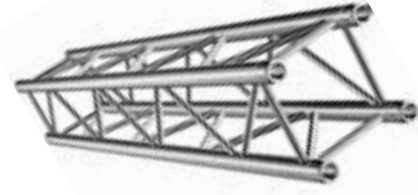
**Prolyte Group**



**Model:** Verto truss  
**Truss Type:** Box  
**Alloy Type:** Alloy EN AW 6082 T6  
**Compliances:** DIN-EN 1990:2010-12, Eurocode 1,3, 9, DIN-EN 1090-1:2012; -2:2011; -3:2008, DIN-EN 13814:2004, TUV registration #4478013002228  
**Dimensions:** 12' x 12'  
**Available Lengths:** 0.25m to 4m  
**Max Uniform Load/20' Span:** 4,300 lbs.  
**Max Center Uniform Load/20' Span:** 1,935.9 lbs.  
**Max Uniform Load/40' Span:** 2,200 lbs.  
**Max Center Uniform Load/40' Span:** 992.7 lbs.  
**Connection Type:** Verto (rotating connection)  
**Base Plate Sizes:** Various  
**Accessories:** Yes  
**MSRP:** Approx. \$400/m  
**More Details:** Verto truss is a revolutionary system, making truss connection fast, silent and safe. Prolyte truss is distributed in North America by AC Lighting.

[prolyte.com](http://prolyte.com)

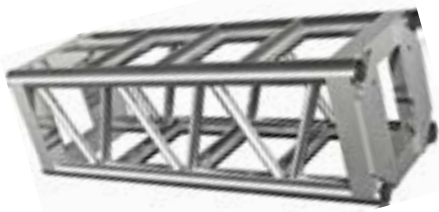
**ProX Trussing**



**Model:** F34 Series  
**Truss Type:** Box  
**Alloy Type:** N/A  
**Compliances:** TUV  
**Dimensions:** 12" x 12"  
**Available Lengths:** 0.25m, 0.5m, 0.75m, 1m, 1.25m, 1.5m, 2m, 2.25m, 2.5m, 2.75m, 3m  
**Max Uniform Load/20' Span:** 6,431 lbs.  
**Max Center Uniform Load/20' Span:** 2,526 lbs.  
**Max Uniform Load/40' Span:** 2,968 lbs.  
**Max Center Uniform Load/40' Span:** 1,521 lbs.  
**Connection Type:** Conical  
**Base Plate Sizes:** 12", 16", 24", 30", 36", 12 x 48"  
**Accessories:** No  
**MSRP:** \$399.99  
**More Details:** ProX Truss utilize a standard conical connector system that easily mates with other brands of truss of the same size and connector style. Tolerance free main tube wall thickness of .08"/2mm.

[proxdirect.com](http://proxdirect.com)

TAF (Truss Aluminum Factory)



**Model:** FTB-L  
**Truss Type:** Box  
**Alloy Type:** EN-AW 6082 T6  
**Compliances:** TUV  
**Dimensions:** 12x12"  
**Available Lengths:** 5', 8', 10'  
**Max Uniform Load/20' Span:** 126 lbs./ft (2,520 lbs.)  
**Max Center Uniform Load/20' Span:** 1,259 lbs.  
**Max Uniform Load/40' Span:** 2,000 lbs.  
**Max Center Uniform Load/40' Span:** 516 lbs.  
**Connection Type:** Bolted connection  
**Base Plate Sizes:** 20x20, 30x30 universal base plates  
**Accessories:** Grapple, clamps, hinge corner, clamp out-riggers, truss suspension points, etc.  
**MSRP:** \$466/5' segment  
**More Details:** TAF truss is distributed in North America by Mega-Systems Inc.

[megasystemsinc.com](http://megasystemsinc.com)

Tomcat



**Model:** EVO  
**Truss Type:** Box  
**Alloy Type:** 6061-T6  
**Compliances:**  
**Dimensions:** 1' x 1' x 1' x 1'  
**Available Lengths:** Extended: 10', Compressed: 2'  
**Max Uniform Load/20' Span:** 2,560 lbs.  
**Max Center Uniform Load/20' Span:** 2,557 lbs.  
**Max Uniform Load/40' Span:** 1,040 lbs.  
**Max Center Uniform Load/40' Span:** 645 lbs.  
**Connection Type:** Camplate or Fork  
**MSRP:** N/A  
**More Details:** Unique, collapsible truss design for optimizing storage/warehousing needs and when transporting in bulk. Due to its modularity, it's 100% repairable and many heat-affected zones found in traditional welded truss are reduced.

[tomcatglobal.com](http://tomcatglobal.com)

Total Structures, Inc.



**Model:** Element 20  
**Truss Type:** Box  
**Alloy Type:** 6061-T6  
**Compliances:** ANSI E1.2-2012  
**Dimensions:** 20.5" x 20.5"  
**Avail. Lengths:** Any, w/10', 8', and 5' carried in stock lbs.  
**Max Uniform Load/20' Span:** 5,549 lbs.  
**Max Center Uniform Load/20' Span:** 2,774 lbs.  
**Max Uniform Load/40' Span:** 2,596 lbs.  
**Max Center Uniform Load/40' Span:** 1,298 lbs.  
**Connection Type:** Nut & bolt  
**Base Plate Sizes:** 20.5" x 20.5", 30" x 30", 36" x 36", 48" x 48"  
**Accessories:** Bases, odd angle corner sections, hinges, side mount adaptors  
**MSRP:** N/A  
**More Details:** Offers the familiar form factor of medium duty truss with better loading capacity.

[totalstructures.com](http://totalstructures.com)

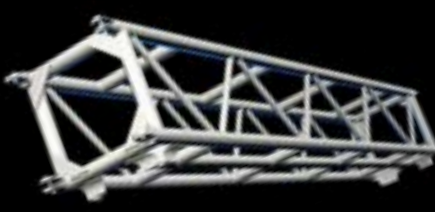
Trusst



**Model:** CT-290  
**Truss Type:** Box  
**Alloy Type:** 6082 T-6  
**Compliances:** TUV  
**Dimensions:** 290mm  
**Avail. Lengths:** .5m, .75m, 1.0m, 1.5m, 2.0m, 2.5m, 3.0m  
**Max Uniform Load/20' Span:** 2,998 lbs.  
**Max Center Uniform Load/20' Span:** 1,499 lbs.  
**Max Uniform Load/40' Span:** 1,420 lbs.  
**Max Center Uniform Load/40' Span:** 709 lbs.  
**Connection Type:** Conical  
**Base Plate Sizes:** 12", 16", 24", 30"  
**Accessories:** Corners, hinge, curved sections, clamps, dolly kit, video wall mount  
**MSRP:** \$529.99 (3m section)  
**More Details:** Straight and curved sections, corners, bases, and clamps. Straight sections are certified TUV.

[trusst.com](http://trusst.com)

Tyler Truss Systems



**Model:** 16" x 16" Centerline  
**Truss Type:** Box  
**Alloy Type:** 6005A-T6  
**Compliances:** ANSI E 1.2-2012  
**Dimensions:** 16" x 16"  
**Available Lengths:** 5', 8', 10', custom  
**Max Uniform Load/20' Span:** 6,060 lbs.  
**Max Center Uniform Load/20' Span:** 3,240 lbs.  
**Max Uniform Load/40' Span:** 2,960 lbs.  
**Max Center Uniform Load/40' Span:** 1,471 lbs.  
**Connection Type:** Spigot  
**Base Plate Sizes:** 24", 30", 36", 48", custom  
**Accessories:** Gates, pick points, wedges  
**MSRP:** \$1,282 for 10' length  
**More Details:** Serves as header attachment point for LED walls at the truss' natural center of gravity. Also works as a solution for centered moving lights and soft goods.

[tylertruss.com](http://tylertruss.com)

XSF



**Model:** Utility Truss  
**Truss Type:** Box  
**Dimensions:** 20.5" x 20.5", 16" x 16", 12" x 12", 12" x 18"  
**Available Lengths:** Any length up to 20'  
**Max Uniform Load/20' Span:** 287 lbs.  
**Max Center Uniform Load/20' Span:** 2,876 lbs.  
**Max Uniform Load/40' Span:** 66 lbs.  
**Max Center Uniform Load/40' Span:** 1,326 lbs.  
**Connection:** XSF's Protective Bolt Plates or Standard  
**Base Plate Sizes:** 24", 30", 36", 48"  
**Accessories:** XSF's Integrated Rig Points, Corner blocks, wedges, hinges, rigging hardware & accessories  
**MSRP:** Contact dealer  
**More Details:** XSF's new Protective Bolt Plates protect the chords of the truss from damage and are stronger than standard bolt plates at no additional cost. XSF's integrated 1-ton rig points can be added to any new truss.

[XSFtruss.com](http://XSFtruss.com)

ESP-KNX EuroPick



**Model:** EuroPick  
**Type:** Truss Pick. Fits Euro Box and Tri-Truss.  
**Accessories:** The Crank Stand Adapter and other ESP-KNX SAS  
**MSRP:** Starting at \$109  
**More Details:** The EuroPick is made for use with continuously webbed 290mm by 50mm box and tri-truss. The billet machined aluminum body is designed to be strong yet light, and be positioned anywhere along the length of the truss in conventional topside, bottom side, right side up, or upside down in the crank stand configuration (with SAS crankstand adapter). All this functionality is enabled by slim hardened tool-steel clamps and aircraft quality spherical rod-ends, making installation a snap. The inverted "V" design lets users find those few precious inches in low-headroom applications where other truss picks and GAC slings can't go.

[esp-knx.com](http://esp-knx.com)

Mobiltechlifts



**Model:** ML2  
**Product Type:** Lift  
**Made of:** Steel  
**Compliances:** TUV, BGV C1, 5-degree incline load test  
**Dimensions:** Max. height: 21.33'  
**Min. height:** 5.8'  
**Footprint:** 7.87' x 7.87'  
**Accessories:** Adapters, winch cover, TV spigot reduction, round/square T-bar, single tube bracket, set of wheels, packing crate  
**MSRP:** N/A  
**More Details:** The compact and versatile ML2 is designed to serve as a high quality, entry-level lift with a higher loading capacity than similar products on the market.

[mobiltechlifts.com](http://mobiltechlifts.com)

Coming Next Month



Hard Edge Moving Lights with LED Light Sources

Truss-related items...