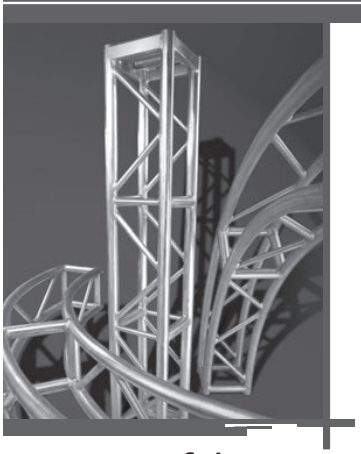
General

HANDLING, ASSEMBLY, AND USE OF TRUSSES



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Load, unload, or move trusses with the necessary personnel to assure that the trusses are not dragged or dropped; this may damage the ends and the structure or result in other unseen damage.

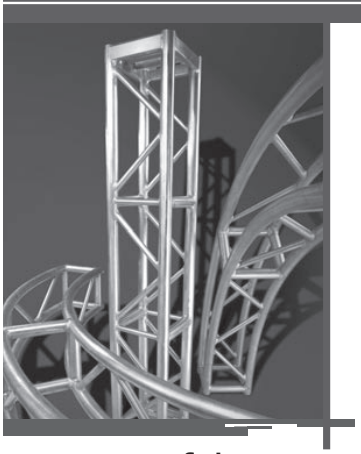
When transporting truss

- Ensure that trusses are secured to prevent bouncing;
- Ensure that nothing rubs against the trusses that might cause wear or puncture;
- Ensure that nothing is loaded onto the top of the trusses.

Load data

- Are only valid for static loads and spans with two supporting points (one at each end);
- Are to be considered for indoor use only. If dynamic loads or more supporting points are applied contact a structural engineer or Arcofab;
- Are valid when the truss is used with the diagonals oriented vertically (see attached figures in page G-3);
- Are valid when the end plates are installed vertically for the bolted trusses (see figure in page G-3 – note 1);
- Are valid when the pins are installed horizontally for the spigoted trusses (see figure in page G-3 – note 2);
- Take into consideration the self-weight of the trusses and indicate how much additional weight may be safely added;
- Deflexions are theoretical (based on the rigidity of the truss when full loaded). Actual deflexion may be slightly higher because of possible movement between truss sections due to attachment tolerance;
- When corner blocks are used, loading capacity must be reduce by 50% when corners are loaded on two adjacent faces.

HANDLING, ASSEMBLY, AND USE OF TRUSSES



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Rigging, loading, and unloading

- Trusses should be assembled by competent personnel who are familiar with the use and assembly of aluminum trusses;
- Always use washers on both sides of plates for bolted trusses;
- Trusses must be hung using bottom and top chords in order to ensure an optimal stability. Spanset must be as close as possible to the extremities (see figure in page G-3 – notes 3 and 4);
- Trusses must be loaded symmetrically on each side; unbalanced loads could twist the trusses (see figure in page G-3 – note 5);
- All loads must be applied to, or as close as possible to, node points. A node point is the meeting of diagonal and/or vertical on the main chord (see figure in page G-3 – note 6);
- When raising or lowering trusses, hoists should run simultaneously in order to maintain the trusses leveled up;
- Always unload trusses before disassembling connections.

Inspection

Arcofab trusses are engineered and built to provide many years of reliable service provided that they are used within the recommended loading parameters and handled properly.

To prevent undesired consequences that could occur when the manufacturer recommendations are not respected, it is very important that all truss structures and connecting parts be inspected regularly and documented by qualified personnel in order to detect abnormal wear and abuse such as:

- Cracks in welds;
- Local permanent deformations in the structure;
- Dents or chew marks in the main chords or diagonals;
- Wear or bending in the attachment pin and spigot;
- Bending in the plates or distortion of bolt holes;
- Damage on zinc surface treatment or corrosion.

If any of the above failures is detected, do not use the piece.

Nuts, bolts, and washers should be replaced periodically as regular use degrades bolt threads. Never over-torque nuts and bolts beyond manufacturer specifications and always use Grade 8 nuts, bolts, and washers.

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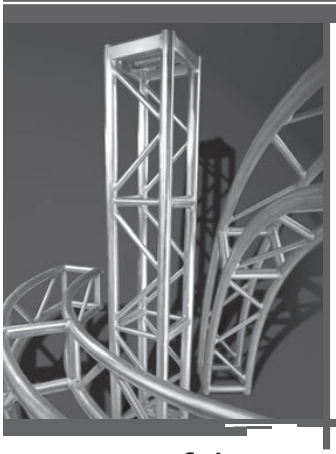
General

FIGURES



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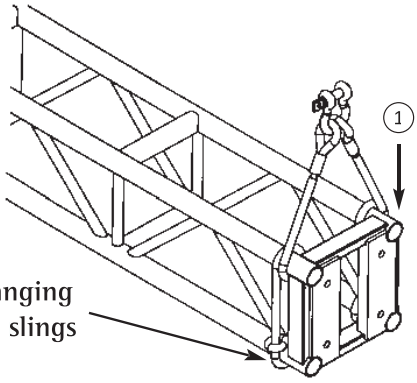
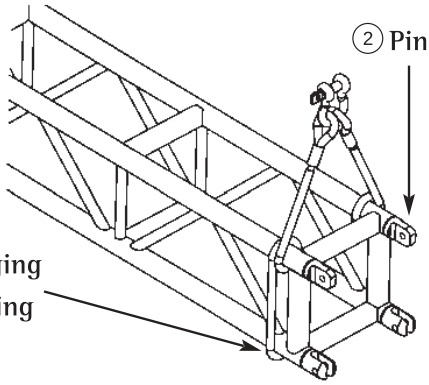


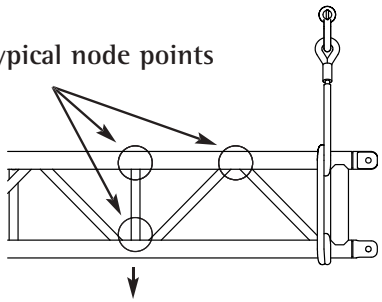
1 Plate oriented vertically

3 Typical hanging using two slings

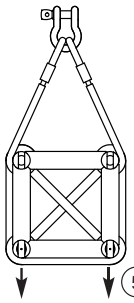


2 Pin oriented horizontally

4 Typical hanging using one sling

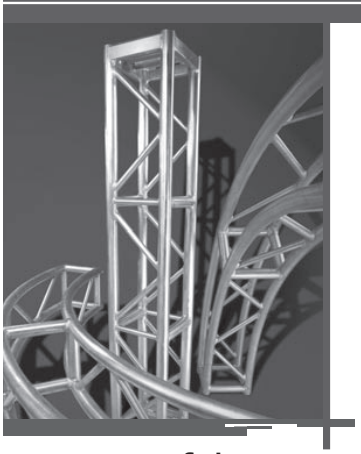


6 Typical node points



5 Symetrical loading

INSTALLATION OF "CHANNEL" TYPE TRUSS



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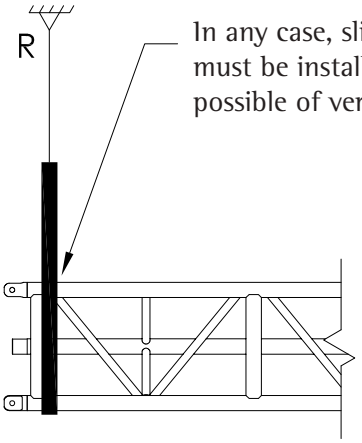
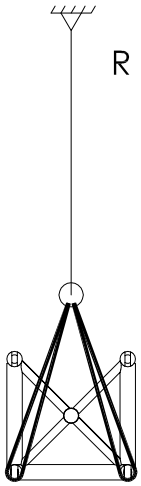
For setup 1 and setup 2
The allowable load data chart applies without restriction

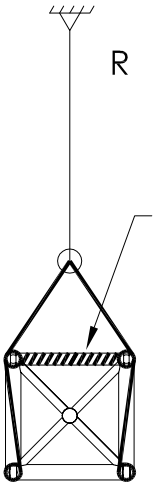
Setup 3
Some restrictions apply



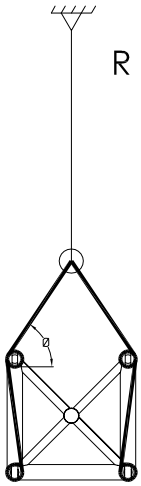
Setup 1



Setup 2

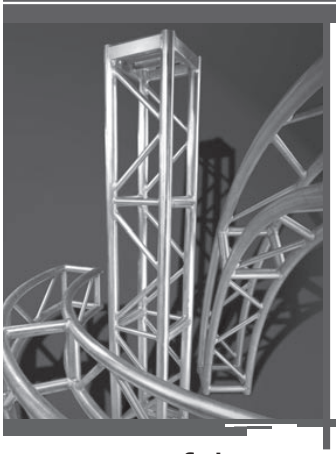


Setup 3



When no spreader bar is used, R must be less than 2000 lbs and 0 be 60˚

INSPECTION AND MAINTENANCE



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Inspection

A visual inspection of each section is required before every use. Furthermore, a complete inspection shall be performed at least once a year (or more often depending on the intensity and frequency of use). Every piece shall be carefully inspected by a competent person in order to guarantee the strength and safety. Documentation on inspection shall be registered and kept on file. Every inspected piece shall be clearly marked and easy to identify.

When truss sections show damage that might affect the safety aspect, it is mandatory to discard and mark them clearly so they won't be put back into service. Damaged sections can be submitted to Arcofab for evaluation and repair if possible. Should you have any doubt, please contact Arcofab technical department.

Discard criteria

Any truss showing significant visible damage or suspected of containing a damaged element (visible or not) shall be removed from service and marked accordingly.

General

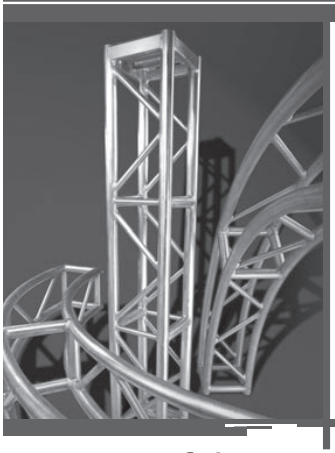
All truss presenting the following damage must be removed from service:
- absence of any identification showing manufacturer, truss type and date of production.
- permanent (plastic) distortion by twisting, bending, torsion, or any other deformation different of the original form.
- Welds that show crack or discontinuity.
- Reduction of welded area due to wear or tear by more that 10%.
- Any holes other than those of the original design.
- Excessive corrosion of the material reducing the tube cross section area by more than 10%.

Tubes (Main chords and braces)

All trusses presenting the following damage must be removed from service:
- All broken, twisted, cracked or partially gone tubes.
- Welds that show crack or discontinuity.
- Tubes curved over 1% of length or out of center line by more than 0.20" (5mm). See figure 1.
- Any chord bending near the fixation systems leading to a fixing difficulty between sections.
- Dent or wear affecting tube area:
  - More than 10% of circumference when measuring up to 0.04" (1mm) deep. See Figure 2.
  - More than 5% of circumference when measuring up to 0.06" (1.5mm). See Figure 3.
  - When measuring more than 0.06" (1.5mm) deep.
- Scratches, cuts, bumps or wears on the tubes surface deeper than 0.04" (1mm) and longer than 0.40" (10mm) independently of the direction.
- All (plastic) permanent distortion of tubes by bumps or by an oval form of chords over 5% of diameter. See Figure 4.

General

INSPECTION AND MAINTENANCE



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Connection systems

All connection systems presenting the following damage must be removed from service:

Spigot type

- Any piece of an oval form into metal pin holes enlarged by wear over 5%. See Figure 5.
- An oval-shaped wear (or stretch) coil spring pin hole over 10%. See Figure 6.
- Scratches, cuts or hammer blow or else deeper than 0.04" (1mm) and longer than 0.40" (10mm).
- Any deformation or distortion resulting in difficulties in joining adjacent truss section or installing the pins.

Bolted plate type

- Any permanent deformation or bend of the connection plates.
- Any oval-shaped wear (or stretch) bolt hole over 5%.
- Any welds showing cracks or discontinuity.
- Scratches, cuts or hammer blow or else deeper than 0.08" (2mm) and longer than 0.40" (10mm).

Steel pins and bolts

These items are "consumables" and subject to wear and get damaged by hammer and wrench. These parts have to be replaced on a regular basis. Also they give good indication of excessive loading by showing deformation, surface works and bending.
It is recommended to inspect carefully the trusses connected with steel pins or bolts presenting any damage.

All steel pin and bolt presenting the following damage must be removed from service:
- surface damage: scratches, cuts, dents, corrosion.
- Shape damage: reduction in diameter, bending, shear mark, thread damage, any deformation by hammering (burrs, mushrooms, etc.)

WARNING

Neglect of inspection and maintenance of the truss at regular intervals, might eventually lead to the use of unsafe equipment, resulting in risk of accident (material damage, injuries or even death).

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General
INSPECTION AND MAINTENANCE

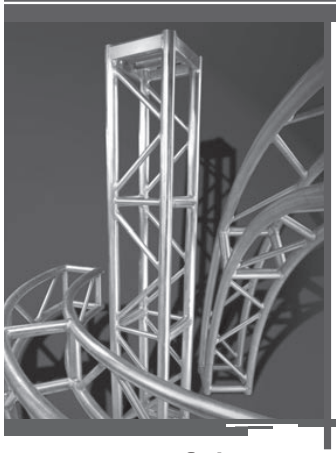

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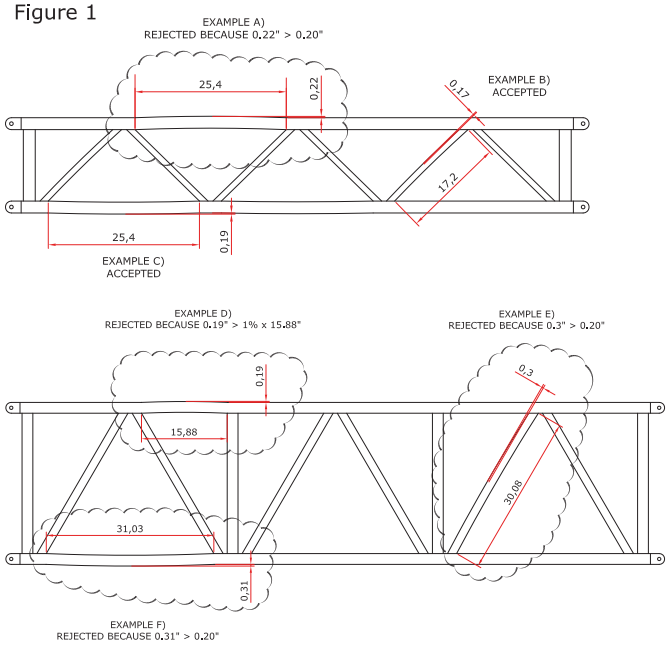
Figure 1



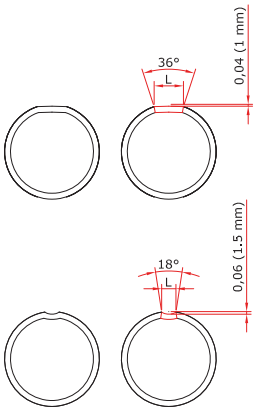


FIGURE 2

36° equals 10% of the circumference.
Can also be evaluated as the following:
L = $\frac{5}{8}$" (16 mm) for 2" (51 mm) tube
L = $\frac{1}{2}$" (12.5 mm) for 1.5" (38 mm) tube
L= $\frac{5}{16}$" (8 mm) for 1" (25 mm) tube

FIGURE 3

18° equals 5% of the circumference.
Can also be evaluated as the following:
L = $\frac{5}{16}$" (8 mm) for 2" (51 mm) tube
L = $\frac{1}{4}$" (6.5 mm) for 1.5" (38 mm) tube
L= $\frac{5}{32}$" (4 mm) for 1" (25 mm) tube

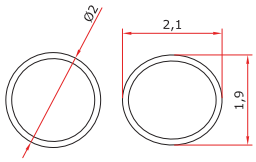


FIGURE 4

Illustration of oval-shaped maximum allowable on a typical tube of 2" (51 mm)

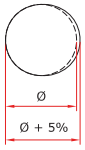


FIGURE 5

Illustration of oval-shaped maximum allowable spigot pin hole.
Ex: Ø = 0.625"
Ø + 5% = 0.656"

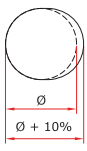
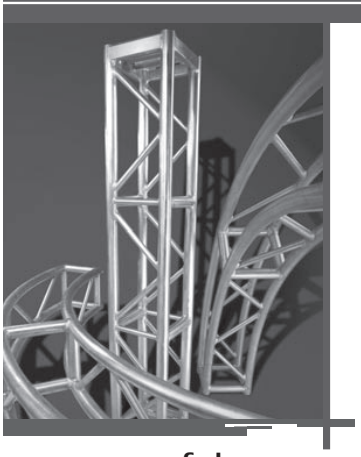


FIGURE 6

Illustration of oval-shaped maximum allowable coil spring pin hole in main chord.
Ex: Ø = 0.375"
Ø + 10% = 0.4125"

General

STANDARD TRUSS CODE



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TME - 3024 - 096SSTW

- WHEELS (OPTIONAL)
- THREADED SPIGOT (OPTIONAL)
- ADDITIONAL BRACES FOR SEISMIC LOAD (OPTIONAL)
- S-SPIGOT
- B-PLATES AND BOLTS
- LENGTH OF TRUSS IN INCHES = 96”
  (EX. : 048”, 060”, 084”, 120”, ETC.)
- WIDTH OF TRUSS IN INCHES = 24”
  (EX. : 06”, 12”, 16”, 20.5”, 24”, ETC.)
- HEIGHT OF TRUSS IN INCHES = 30”
  (EX. : 12”, 16”, 20.5”, 30”, 36”, ETC.)
- MAINCHORD SIZE :
  - A = Ø 2.0” x .125”
  - B = Ø 2.0” x .188”
  - C = Ø 1.9” x .145”
  - D = Ø 1.9” x .200”
  - E = Ø 2.0” x .250”
  - F = Ø 3.0” x .250”
- STYLE OF TRUSS :
  - E = EXPOSITION SERIES - LIGHT DUTY
  - T = THEATRE SERIES - LIGHT DUTY
  - S = STUDIO SERIES - MEDIUM DUTY
  - R = TOUR SERIES - MEDIUM DUTY
  - M = MOTHER GRID SERIES - HEAVY DUTY
  - C = CHANNEL TRUSS SERIES - HEAVY DUTY
  - W = TOWER SERIES - HEAVY DUTY
  - D = TRIANGULAR - TRIPOD SERIES - LIGHT DUTY
  - P = PRE-RIGGED SERIES - HEAVY DUTY
- T = TRUSS

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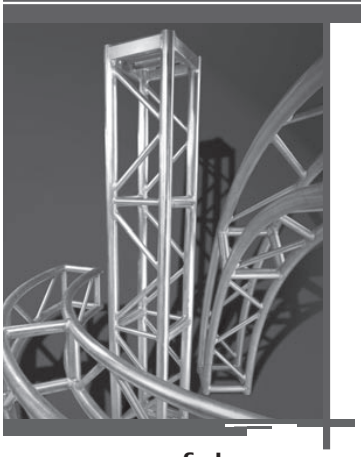
General

STANDARD CORNER BLOCK CODE



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CEC - 2020 - 690SSTW

- WHEELS (OPTIONAL)
- THREADED SPIGOT (OPTIONAL)
- ADDITIONAL BRACES FOR SEISMIC LOAD (OPTIONAL)
- S-SPIGOT
- B-PLATES AND BOLTS
- ANGLE BETWEEN FACES
- NUMBER OF WAY OR FACES
  (EX : 2-WAY, 3,4,5 OR 6-WAY)
- WIDTH OF TRUSS IN INCHES = 24”
  (EX. : 06”, 12”, 16”, 20.5”, 24”, ETC.)
- HEIGHT OF TRUSS IN INCHES = 30”
  (EX. : 12”, 16”, 20.5”, 30”, 36”, ETC.)
- MAINCHORD SIZE :
  - A = Ø 2.0” x .125”
  - B = Ø 2.0” x .188”
  - C = Ø 1.9” x .145”
  - D = Ø 1.9” x .200”
  - E = Ø 2.0” x .250”
  - F = Ø 3.0” x .250”
- STYLE OF TRUSS :
  - E = EXPOSITION SERIES - LIGHT DUTY
  - T = THEATRE SERIES - LIGHT DUTY
  - S = STUDIO SERIES - MEDIUM DUTY
  - R = TOUR SERIES - MEDIUM DUTY
  - M = MOTHER GRID SERIES - HEAVY DUTY
- C = CORNER BLOCK

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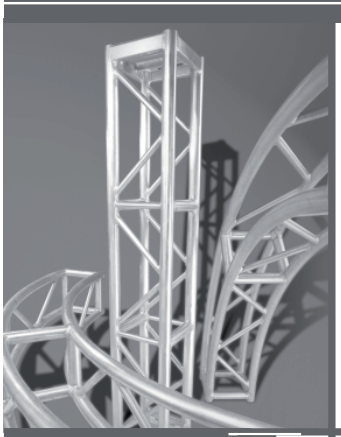
TRUSS • SUPPORT SYSTEMS • STAGING

Accessories

PINS, BARS, CLAMPS, BOLT AND HOOKS



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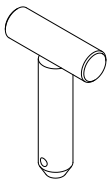
Pins



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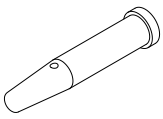

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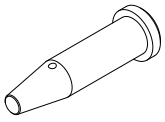

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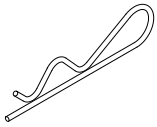
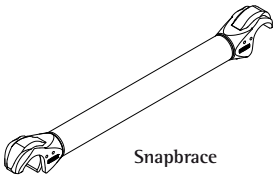
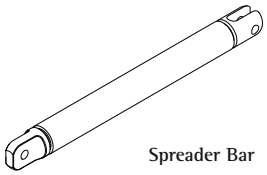


A0000080

Bars



Snapbrace

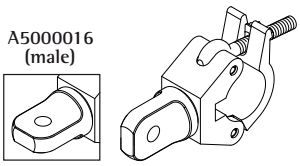


Spreader Bar

Several models of Bars are available, please contact us for more information

Claw Clamps

A5000016 (male)



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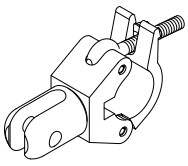
A5000017 (female)



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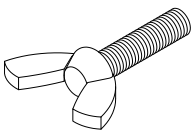
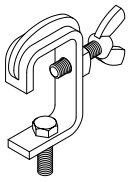
Wing Bolt



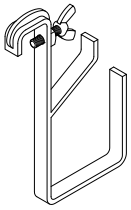
A5000051

Hook for Moving Head



A5000005

Cable and Data Hook



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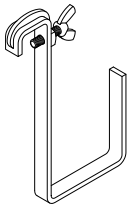
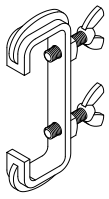
Cable Hook



A5000008

Double Hook



A5000052

CWB CERTIFIED

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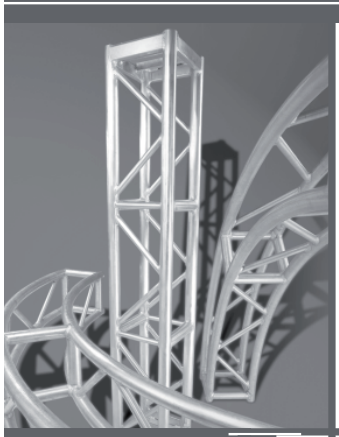
Accessories

TRUSS HANGERS, PLATES, OUT RIGGER AND HINGES



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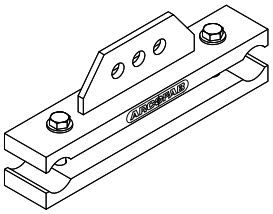
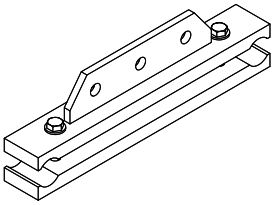
Truss Hangers



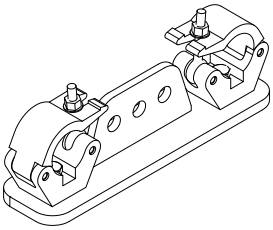
A5000113 (aluminum)
2000 lb (910 kg)

Available dimensions:
1212, 1616, 2020, 3020, 3022.



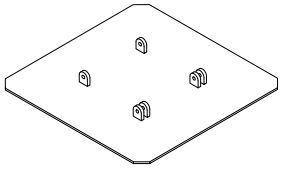
A5000124 (steel)
3000 lb (1365 kg)

Available for 2020.



A5000050 (steel)
2000 lb (910 kg)

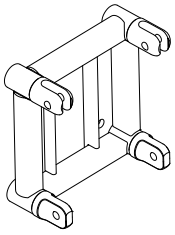
Base Plate



A5000058
(steel)

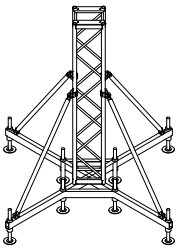
Available dimensions:
1212, 1616, 2020 spygot or bolted

Adaptor Plate



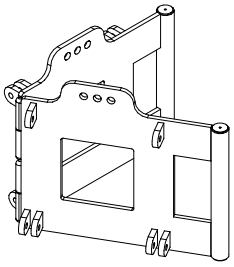
A5000059
(aluminum)

Out Rigger

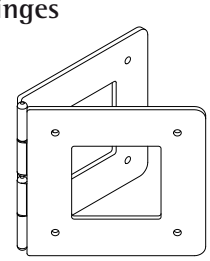


0490-A-12

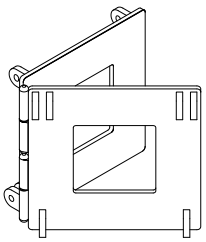
Hinges



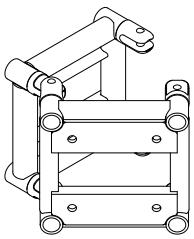
1289A01
(steel)



A5000006
(steel)



A5000009
(steel)



A5000064
(aluminum)

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Accessories

LADDERS, CORNER AND ROLLER BLOCKS

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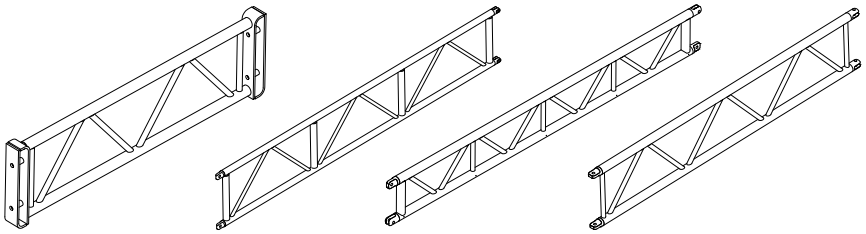
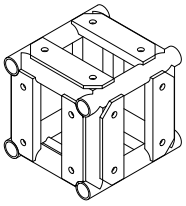
Ladders

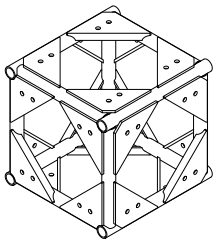


0195-A-01 TRA-LA20-S TTA-LA12-S TEA-LA16-S

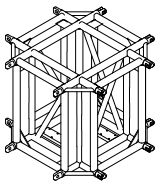
Corner Blocks



CEA-1212-B



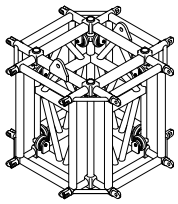
CEA-2020-B



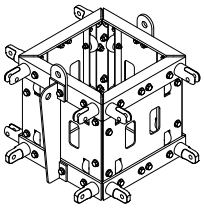
CMB-3020-S

Several models of Corner Blocks are available, please contact us for more information

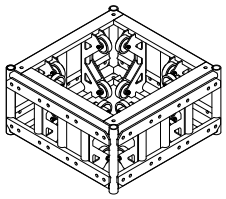
Roller Blocks



0538-A-01



0342-A-21



0079-A-01

Several models of Roller Blocks are available, please contact us for more information

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Accessories

RACKS, PROJECTOR BARS, TRUSS DOLLY AND SPOT CHAIR

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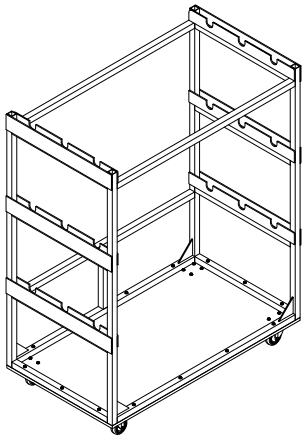
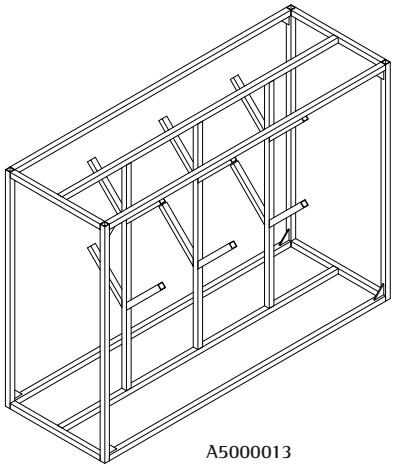
Projector Rack



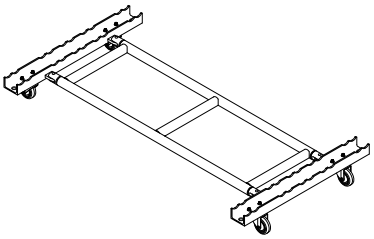
A5000010

Cable Rack



A5000013

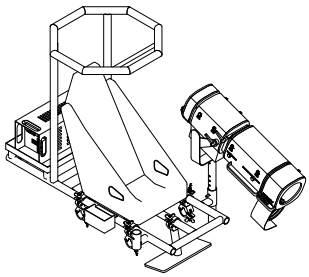
Truss Dolly



TRUSS DOLLY

Available dimensions: 1212, 1616 and 2020.

Spot Chair



A5000019

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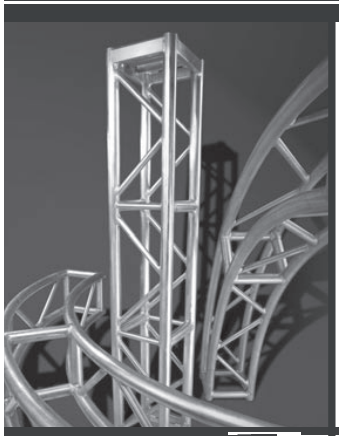
TRUSS • SUPPORT SYSTEMS • STAGING

Theatre Series
1206 MEDIUM DUTY TRUSS SPIGOTED

TTB-1206-S
TTD-1206-S



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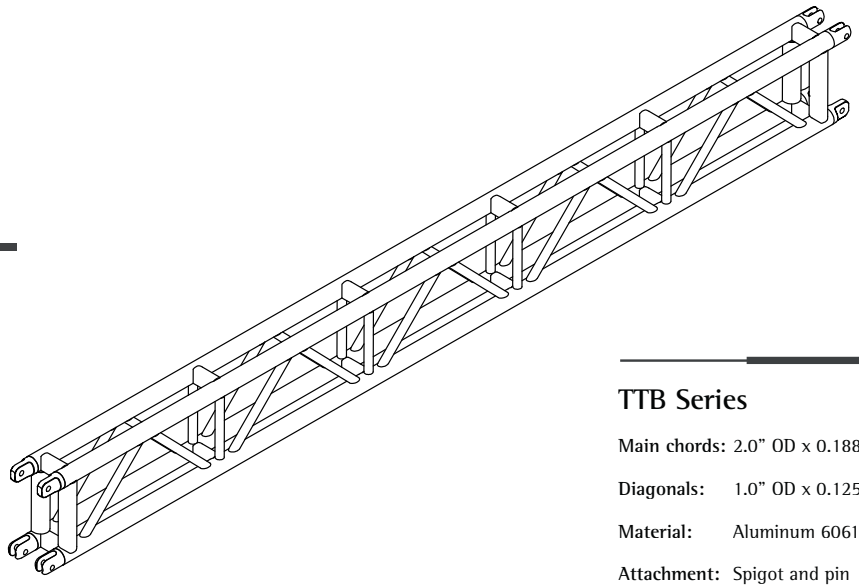


TTB Series

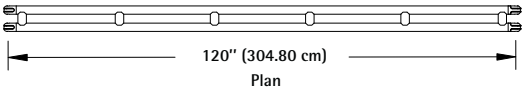
Main chords: 2.0" OD x 0.188"

Diagonals: 1.0" OD x 0.125"

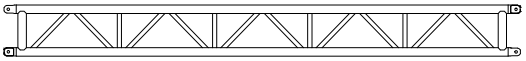
Material: Aluminum 6061-T6 extrusions

Attachment: Spigot and pin

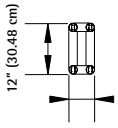
Fabrication: Fabricated by certified welders



Plan



Elevation



End view

TTD Series (option)

Main chords: 1.9" OD x 0.200"

Diagonals: 1.0" OD x 0.125"

Material: Aluminum 6061-T6 extrusions

Attachment: Spigot and pin

Fabrication: Fabricated by certified welders

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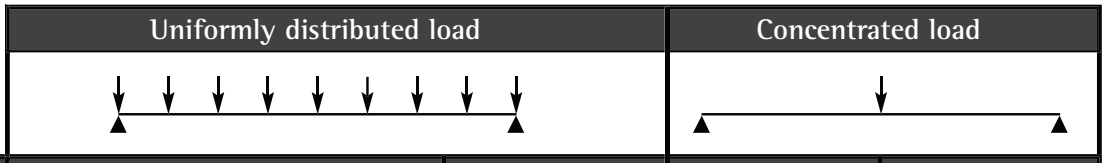
Theatre Series

1206 MEDIUM DUTY TRUSS SPIGOTED

TTB-1206-S
TTD-1206-S

ALLOWABLE LOAD DATA



Span		Uniformly distributed load: Load				Uniformly distributed load: Deflection		Concentrated load: Load		Concentrated load: Deflection	
ft	*(m)*	lb/ft	*(kg/m)*	lb	*(kg)*	in	*(mm)*	lb	*(kg)*	in	*(mm)*
10	*(3.05)*	470.0	*(699.1)*	4700	*(2132)*	0.16	*(4.1)*	3080	*(1397)*	0.18	*(4.6)*
20	*(6.10)*	190.0	*(282.6)*	3800	*(1723)*	0.74	*(18.8)*	1900	*(862)*	0.62	*(15.7)*
30	*(9.15)*	82.7	*(123.0)*	2480	*(1125)*	1.60	*(40.6)*	1230	*(558)*	1.32	*(33.5)*
40	*(12.20)*	43.3	*(64.3)*	1730	*(785)*	2.76	*(70.1)*	860	*(390)*	2.31	*(58.7)*

Notes

- Data presented in this chart apply to trusses built after January 2002.
- Trusses must be loaded symmetrically on each side.
- All loads must be applied at, or as close as possible to, node points (see General Section).
- Deflexions are based on the rigidity of the trusses and do not include possible movement between trusses due to attachment tolerance.
- **For span exceeding 20' (6m), loads are for laterally supported truss.**
- Data are valid for inside use only.
- Data are only valid for static loads and spans with two supporting points (span must be supported at each end). If dynamic loads or more supporting points are applied, contact a professional engineer or Arcofab.

TTB-1206-B Main chords: 2.0" OD x 0.188" Diagonals: 1.0" OD x 0.125"			◄ Description ►	TTD-1206-B (option) Main chords: 1.9" OD x 0.200" Diagonals: 1.0" OD x 0.125"		
Item	Weight lb	*(kg)*		Item	Weight lb	*(kg)*
TTB-1206-120S	80	*(36.3)*	10' - 12"x6"	TTD-1206-120S	80	*(36.3)*
TTB-1206-096S	67	*(30.4)*	8' - 12"x6"	TTD-1206-096S	67	*(30.4)*
TTB-1206-060S	49	*(22.2)*	5' - 12"x6"	TTD-1206-060S	49	*(22.2)*
TTB-1206-048S	40	*(18.1)*	4' - 12"x6"	TTD-1206-048S	40	*(18.1)*

- Other lengths and accessories are available if requested.

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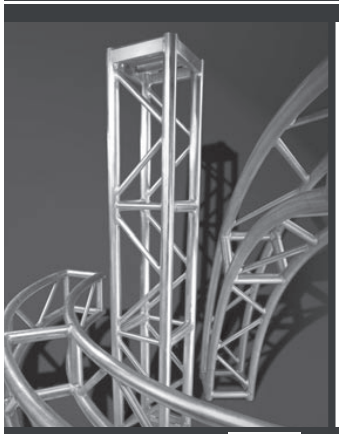
TRUSS • SUPPORT SYSTEMS • STAGING

Exposition Series
1212 LIGHT DUTY TRUSS PLATED

TEA-1212-B
TEC-1212-B



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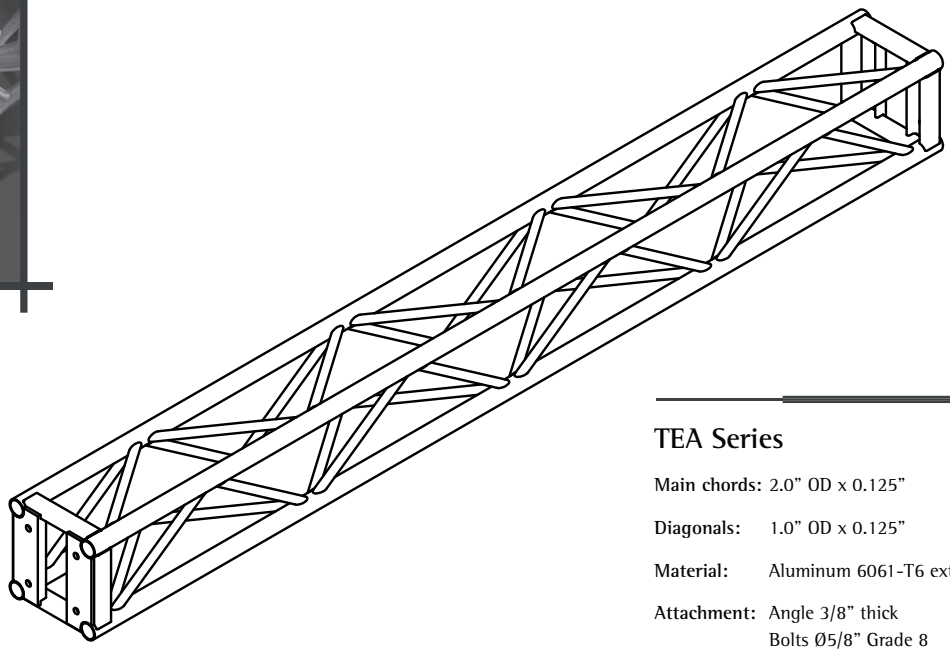


TEA Series

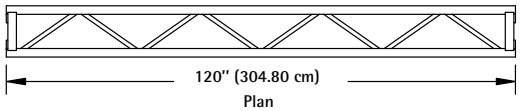
Main chords: 2.0" OD x 0.125"

Diagonals: 1.0" OD x 0.125"

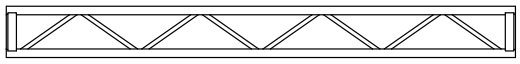
Material: Aluminum 6061-T6 extrusions

Attachment: Angle 3/8" thick
Bolts Ø5/8" Grade 8

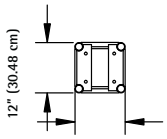
Fabrication: Fabricated by certified welders



120" (304.80 cm)
Plan



Elevation



12" (30.48 cm)
12" (30.48 cm)
End view

TEC Series (option)

Main chords: 1.9" OD x 0.145"

Diagonals: 1.0" OD x 0.125"

Material: Aluminum 6061-T6 extrusions

Attachment: Angle 3/8" thick
Bolts Ø5/8" Grade 8

Fabrication: Fabricated by certified welders

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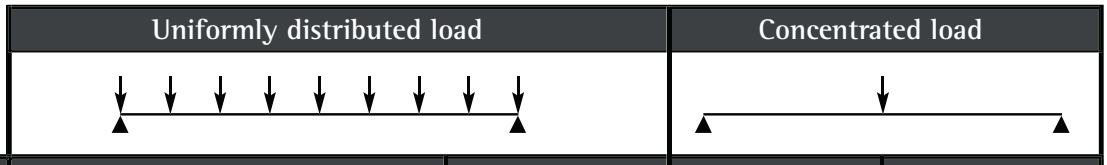
ALLOWABLE LOAD DATA



Span		Uniformly distributed load: Load				Uniformly distributed load: Deflexion		Concentrated load: Load		Concentrated load: Deflexion	
ft	*(m)*	lb/ft	*(kg/m)*	lb	*(kg)*	in	*(mm)*	lb	*(kg)*	in	*(mm)*
10	*(3.05)*	276.0	*(410.6)*	2760	*(1252)*	0.12	*(3.0)*	2400	*(1088)*	0.18	*(4.6)*
20	*(6.10)*	115.5	*(171.8)*	2310	*(1048)*	0.64	*(16.3)*	1150	*(522)*	0.53	*(13.5)*
30	*(9.15)*	47.7	*(70.9)*	1430	*(649)*	1.34	*(34.0)*	710	*(322)*	1.11	*(28.2)*
40	*(12.20)*	24.0	*(35.7)*	960	*(435)*	2.30	*(58.4)*	480	*(218)*	1.93	*(49.0)*

Notes

- Data presented in this chart apply to trusses built after January 2002.
- Trusses must be loaded symmetrically on each side.
- All loads must be applied at, or as close as possible to, node points (see General Section).
- Deflexions are based on the rigidity of the trusses and do not include possible movement between trusses due to attachment tolerance.
- Data are valid for inside use only.
- Data are only valid for static loads and spans with two supporting points (span must be supported at each end). If dynamic loads or more supporting points are applied, contact a professional engineer or Arcofab.

TEA-1212-B Main chords: 2.0" OD x 0.125" Diagonals: 1.0" OD x 0.125"				TEC-1212-B (option) Main chords: 1.9" OD x 0.145" Diagonals: 1.0" OD x 0.125"	
Item	Weight lb *(kg)*	◄ Description ►		Item	Weight lb *(kg)*
TEA-1212-120B	61 *(27.7)*	10' - 12" x 12"		TEC-1212-120B	64 *(29.0)*
TEA-1212-096B	51 *(23.1)*	8' - 12" x 12"		TEC-1212-096B	54 *(24.5)*
TEA-1212-060B	36 *(16.3)*	5' - 12" x 12"		TEC-1212-060B	38 *(17.2)*
TEA-1212-048B	29 *(13.2)*	4' - 12" x 12"		TEC-1212-048B	31 *(14.1)*
CEA-1212-690B	26 *(11.8)*	6-WAY CORNER*		CEC-1212-690B	27 *(12.2)*

- Other lengths and accessories are available if requested.

* When corners are loaded on two adjacent faces, reduce the capacity of the trusses to 50%.

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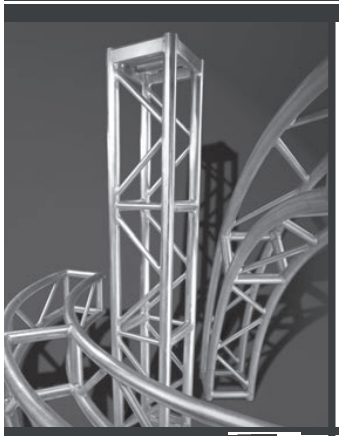
TRUSS • SUPPORT SYSTEMS • STAGING

Exposition Series

1212 LIGHT DUTY TRUSS SPIGOTED

TEA-1212-S
TEC-1212-S



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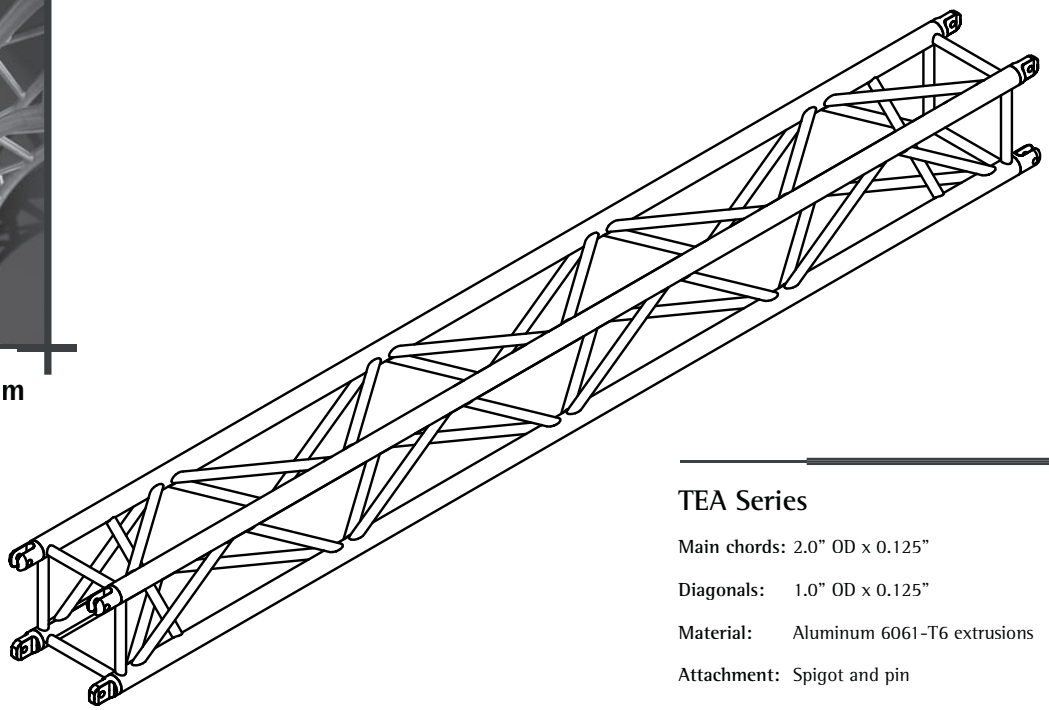


TEA Series

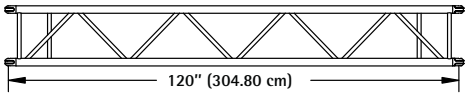
Main chords: 2.0" OD x 0.125"

Diagonals: 1.0" OD x 0.125"

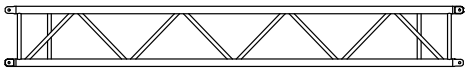
Material: Aluminum 6061-T6 extrusions

Attachment: Spigot and pin

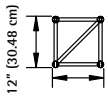
Fabrication: Fabricated by certified welders



Plan



Elevation



End view

TEC Series (option)

Main chords: 1.9" OD x 0.145"

Diagonals: 1.0" OD x 0.125"

Material: Aluminum 6061-T6 extrusions

Attachment: Spigot and pin

Fabrication: Fabricated by certified welders

CWB CERTIFIED

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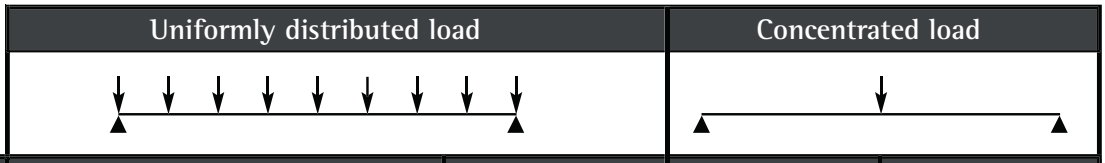
ALLOWABLE LOAD DATA



Span		Uniformly distributed load: Load				Uniformly distributed load: Deflexion		Concentrated load: Load		Concentrated load: Deflexion	
ft	*(m)*	lb/ft	*(kg/m)*	lb	*(kg)*	in	*(mm)*	lb	*(kg)*	in	*(mm)*
10	*(3.05)*	350.0	*(520.6)*	3500	*(1587)*	0.14	*(3.6)*	2600	*(1179)*	0.14	*(3.6)*
20	*(6.10)*	150.0	*(223.1)*	3000	*(1361)*	0.83	*(21.1)*	1500	*(680)*	0.62	*(15.7)*
30	*(9.15)*	73.3	*(109.1)*	2200	*(998)*	2.01	*(51.1)*	1100	*(499)*	1.55	*(39.4)*
40	*(12.20)*	37.5	*(55.8)*	1500	*(680)*	3.27	*(83.1)*	750	*(340)*	2.81	*(71.4)*

Notes

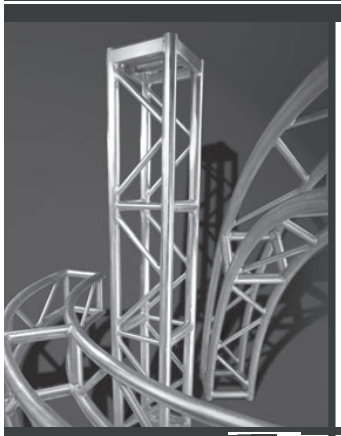
- Data presented in this chart apply to trusses built after January 2002.
- Trusses must be loaded symmetrically on each side.
- All loads must be applied at, or as close as possible to, node points (see General Section).
- Deflexions are based on the rigidity of the trusses and do not include possible movement between trusses due to attachment tolerance.
- Data are valid for inside use only.
- Data are only valid for static loads and spans with two supporting points (span must be supported at each end). If dynamic loads or more supporting points are applied, contact a professional engineer or Arcofab.

TEA-1212-S Main chords: 2.0" OD x 0.125" Diagonals: 1.0" OD x 0.125"		◄ Description ►	TEC-1212-S (option) Main chords: 1.9" OD x 0.145" Diagonals: 1.0" OD x 0.125"	
Item	Weight lb *(kg)*		Item	Weight lb *(kg)*
TEA-1212-120S	59 *(26.8)*	10' - 12" x 12"	TEC-1212-120S	62 *(28.1)*
TEA-1212-096S	48 *(21.8)*	8' - 12" x 12"	TEC-1212-096S	51 *(23.1)*
TEA-1212-060S	34 *(15.4)*	5' - 12" x 12"	TEC-1212-060S	36 *(16.3)*
TEA-1212-048S	27 *(12.2)*	4' - 12" x 12"	TEC-1212-048S	29 *(13.2)*

- Other lengths and accessories are available if requested.

Theatre Series
1212 LIGHT DUTY TRUSS PLATED

TTA-1212-B
TTC-1212-B



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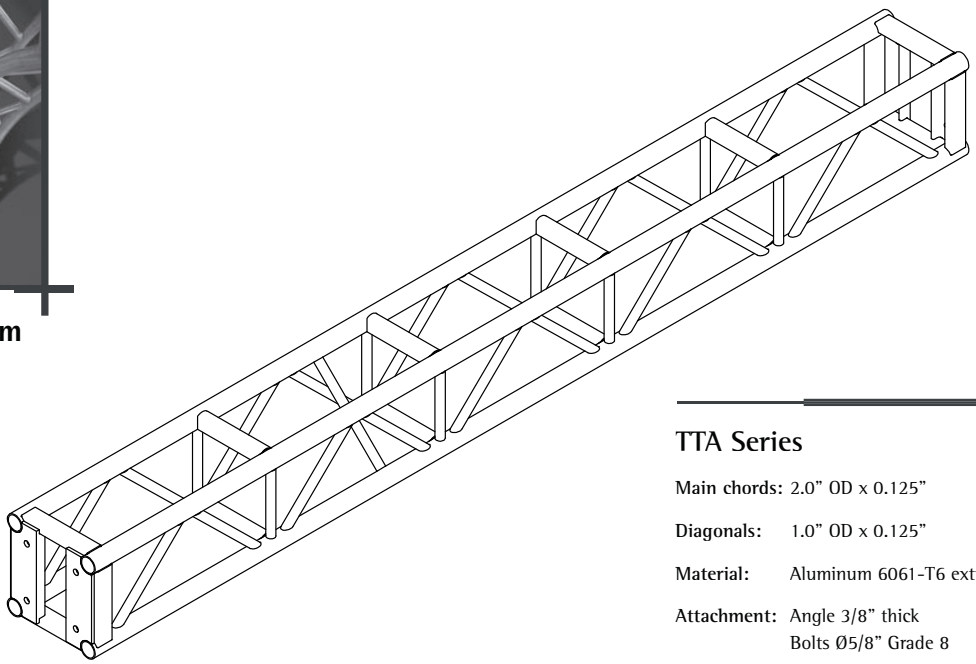

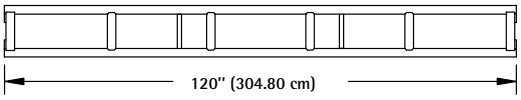

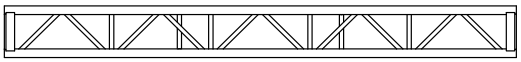

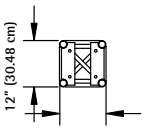

TTA Series

Main chords: 2.0" OD x 0.125"

Diagonals: 1.0" OD x 0.125"

Material: Aluminum 6061-T6 extrusions

Attachment: Angle 3/8" thick
Bolts Ø5/8" Grade 8

Fabrication: Fabricated by certified welders

TTC Series (option)

Main chords: 1.9" OD x 0.145"

Diagonals: 1.0" OD x 0.125"

Material: Aluminum 6061-T6 extrusions

Attachment: Angle 3/8" thick
Bolts Ø5/8" Grade 8

Fabrication: Fabricated by certified welders

CWB CERTIFIED

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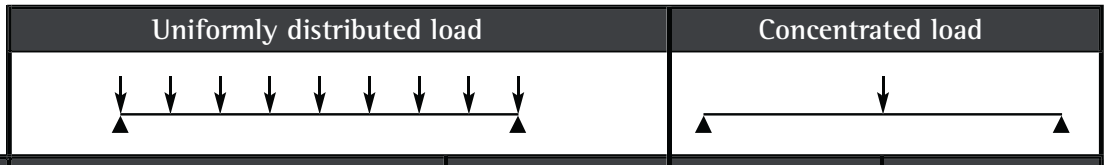
ALLOWABLE LOAD DATA



Span		Uniformly distributed load: Load				Uniformly distributed load: Deflexion		Concentrated load: Load		Concentrated load: Deflexion	
ft	*(m)*	lb/ft	*(kg/m)*	lb	*(kg)*	in	*(mm)*	lb	*(kg)*	in	*(mm)*
10	*(3.05)*	412.0	*(612.9)*	4120	*(1868)*	0.18	*(4.6)*	2320	*(1052)*	0.18	*(4.6)*
20	*(6.10)*	115.5	*(171.8)*	2310	*(1048)*	0.65	*(16.5)*	1150	*(522)*	0.54	*(13.7)*
30	*(9.15)*	47.7	*(70.9)*	1430	*(649)*	1.36	*(34.5)*	710	*(322)*	1.13	*(28.7)*
40	*(12.20)*	24.0	*(35.7)*	960	*(435)*	2.29	*(58.2)*	480	*(218)*	1.94	*(49.3)*

Notes

- Data presented in this chart apply to trusses built after January 2002.
- Trusses must be loaded symmetrically on each side.
- All loads must be applied at, or as close as possible to, node points (see General Section).
- Deflexions are based on the rigidity of the trusses and do not include possible movement between trusses due to attachment tolerance.
- Data are valid for inside use only.
- Data are only valid for static loads and spans with two supporting points (span must be supported at each end). If dynamic loads or more supporting points are applied, contact a professional engineer or Arcofab.

TTA-1212-B Main chords: 2.0" OD x 0.125" Diagonals: 1.0" OD x 0.125"			◄ Description ►	TTC-1212-B (option) Main chords: 1.9" OD x 0.145" Diagonals: 1.0" OD x 0.125"		
Item	Weight lb	*(kg)*		Item	Weight lb	*(kg)*
TTA-1212-120B	61	*(27.7)*	10' - 12" x 12"	TTC-1212-120B	65	*(29.5)*
TTA-1212-096B	51	*(23.1)*	8' - 12" x 12"	TTC-1212-096B	54	*(24.5)*
TTA-1212-060B	36	*(16.3)*	5' - 12" x 12"	TTC-1212-060B	38	*(17.2)*
TTA-1212-048B	31	*(14.1)*	4' - 12" x 12"	TTC-1212-048B	33	*(15.0)*
CEA-1212-690B	26	*(11.8)*	6-WAY CORNER*	CEC-1212-690B	27	*(12.2)*

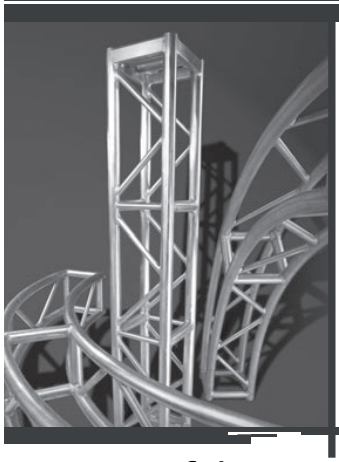
- Other lengths and accessories are available if requested.

* When corners are loaded on two adjacent faces, reduce the capacity of the trusses to 50%.

Theatre Series

1212 MEDIUM DUTY TRUSS SPIGOTED

TTB-1212-S
TTD-1212-S



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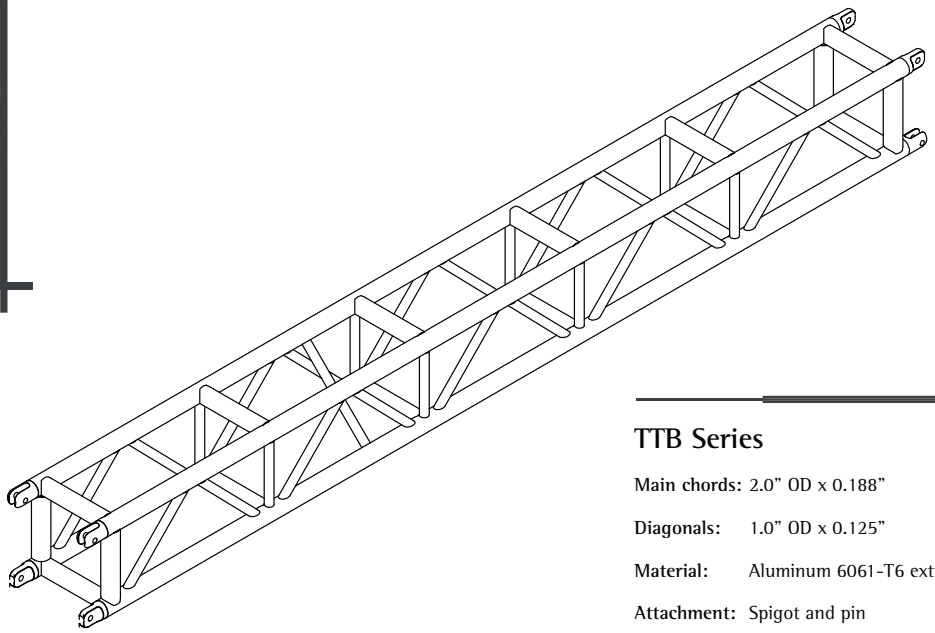


TTB Series

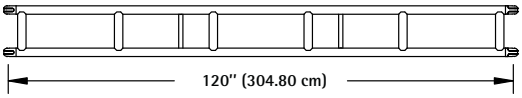
Main chords: 2.0" OD x 0.188"

Diagonals: 1.0" OD x 0.125"

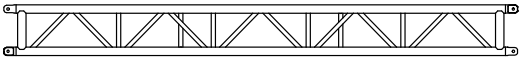
Material: Aluminum 6061-T6 extrusions

Attachment: Spigot and pin

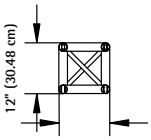
Fabrication: Fabricated by certified welders



Plan



Elevation



End view

TTD Series (option)

Main chords: 1.9" OD x 0.200"

Diagonals: 1.0" OD x 0.125"

Material: Aluminum 6061-T6 extrusions

Attachment: Spigot and pin

Fabrication: Fabricated by certified welders

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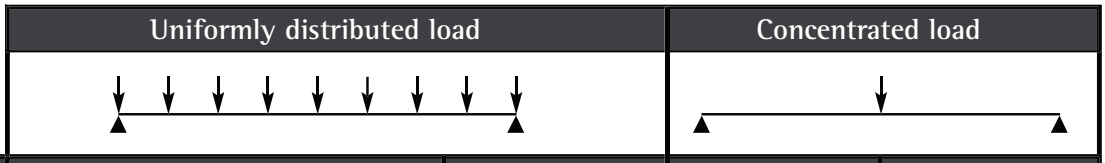
Theatre Series

1212 MEDIUM DUTY TRUSS SPIGOTED

TTB-1212-S
TTD-1212-S

ALLOWABLE LOAD DATA



Span		Uniformly distributed load: Load				Uniformly distributed load: Deflexion		Concentrated load: Load		Concentrated load: Deflexion	
ft	*(m)*	lb/ft	*(kg/m)*	lb	*(kg)*	in	*(mm)*	lb	*(kg)*	in	*(mm)*
10	*(3.05)*	700.0	*(1041.3)*	7000	*(3175)*	0.19	*(4.8)*	4300	*(1950)*	0.18	*(4.6)*
20	*(6.10)*	207.5	*(308.7)*	4150	*(1882)*	0.78	*(19.8)*	2070	*(939)*	0.61	*(15.5)*
30	*(9.15)*	86.7	*(128.9)*	2600	*(1179)*	1.73	*(43.9)*	1300	*(590)*	1.35	*(34.3)*
40	*(12.20)*	45.0	*(66.9)*	1800	*(816)*	2.95	*(74.9)*	900	*(408)*	2.38	*(60.5)*

Notes

- Data presented in this chart apply to trusses built after January 2002.
- Trusses must be loaded symmetrically on each side.
- All loads must be applied at, or as close as possible to, node points (see General Section).
- Deflexions are based on the rigidity of the trusses and do not include possible movement between trusses due to attachment tolerance.
- Data are valid for inside use only.
- Data are only valid for static loads and spans with two supporting points (span must be supported at each end). If dynamic loads or more supporting points are applied, contact a professional engineer or Arcofab.

TTB-1212-S Main chords: 2.0" OD x 0.188" Diagonals: 1.0" OD x 0.125"			TTD-1212-S (option) Main chords: 1.9" OD x 0.200" Diagonals: 1.0" OD x 0.125"	
Item	Weight lb *(kg)*	◄ Description ►	Item	Weight lb *(kg)*
TTB-1212-120S	88 *(39.9)*	10' - 12" x 12"	TTD-1212-120S	88 *(39.9)*
TTB-1212-096S	73 *(33.1)*	8' - 12" x 12"	TTD-1212-096S	73 *(33.1)*
TTB-1212-060S	53 *(24.0)*	5' - 12" x 12"	TTD-1212-060S	53 *(24.0)*
TTB-1212-048S	43 *(19.5)*	4' - 12" x 12"	TTD-1212-048S	43 *(19.5)*

- Other lengths and accessories are available if requested.

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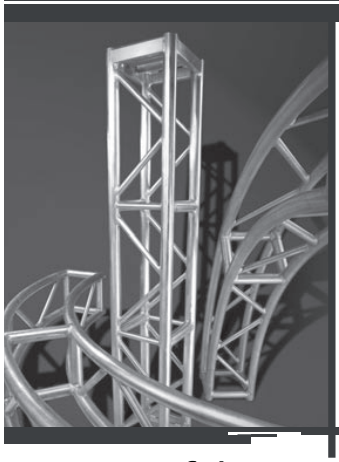
TRUSS • SUPPORT SYSTEMS • STAGING

Tower Series

1212 LIGHT DUTY TRUSS PLATED

TWB-1212-B
TWD-1212-B



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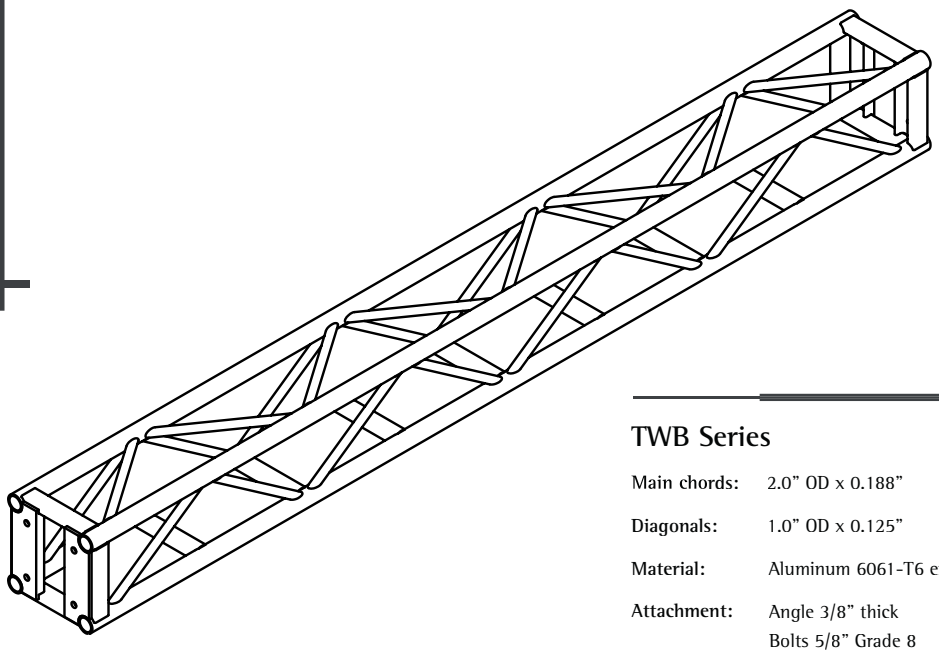
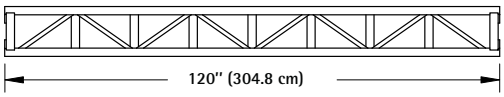
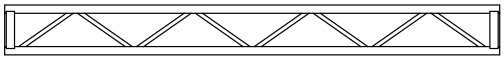


TWB Series

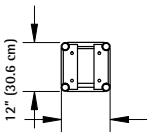
Main chords:	2.0" OD x 0.188"
Diagonals:	1.0" OD x 0.125"
Material:	Aluminum 6061-T6 extrusions
Attachment:	Angle 3/8" thick Bolts 5/8" Grade 8
Fabrication:	Fabricated by certified welders



Plan



Elevation



End View

TWD Series (option)

Main chords:	1.9" OD x 0.200"
Diagonals:	1.0" OD x 0.125"
Material:	Aluminum 6061-T6 extrusions
Attachment:	Angle 3/8" thick Bolts 5/8" Grade 8
Fabrication:	Fabricated by certified welders

CWB CERTIFIED

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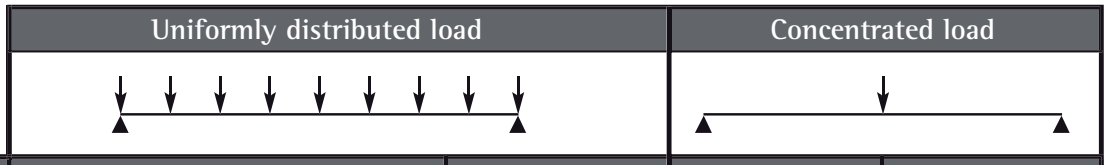
Tower Series

1212 LIGHT DUTY TRUSS PLATED

TWB-1212-B
TWD-1212-B

ALLOWABLE LOAD DATA



Span		Uniformly distributed load: Load				Uniformly distributed load: Deflection		Concentrated load: Load		Concentrated load: Deflection	
pi	*(m)*	lb/pi	*(kg/m)*	lb	*(kg)*	po	*(mm)*	lb	*(kg)*	po	*(mm)*
10	*(3.05)*	330	*(491)*	3300	*(1497)*	0.09	*(2)*	2900	*(1315)*	0.14	*(4)*
20	*(6.10)*	125	*(186)*	2500	*(1134)*	0.48	*(12)*	1250	*(567)*	0.40	*(10)*
30	*(9.15)*	50	*(74)*	1500	*(680)*	1.00	*(25)*	750	*(340)*	0.83	*(21)*
40	*(12.20)*	25	*(37)*	1000	*(454)*	1.73	*(44)*	500	*(227)*	1.45	*(37)*

Notes

- Data presented in this chart apply to trusses built after January 2002.
- Trusses must be loaded symmetrically on each side.
- All loads must be applied at, or as close as possible to, node points (see section General).
- Deflexions are based on the rigidity of the trusses and do not include possible movement between trusses due to attachment tolerance.
- Data are valid for inside use only.
- Data are only valid for static loads and spans with two supporting points (span must be supported at each end). If dynamic loads or more supporting points are applied, contact a professional engineer or Arcofab.

TWB-1212-B Main chords : 2.0" OD x 0.188" Diagonals : 1.0" OD x 0.125"			◄ Description ►	TWD-1212-B (option) Main chords : 1.9" OD x 0.200" Diagonals : 1.0" OD x 0.125"	
Item	Weight lb *(kg)*			Item	Weight lb *(kg)*
TWB-1212-120B	79	*(35.8)*	10' - 12" x 12"	TWD-1212-120B	80 *(36.3)*
TWB-1212-096B	66	*(29.9)*	8' - 12" x 12"	TWD-1212-096B	66 *(29.9)*
TWB-1212-060B	46	*(20.9)*	5' - 12" x 12"	TWD-1212-060B	46 *(20.9)*
TWB-1212-048B	40	*(18.1)*	4' - 12" x 12"	TWD-1212-048B	40 *(18.1)*

- Other lengths and accessories are available if requested.

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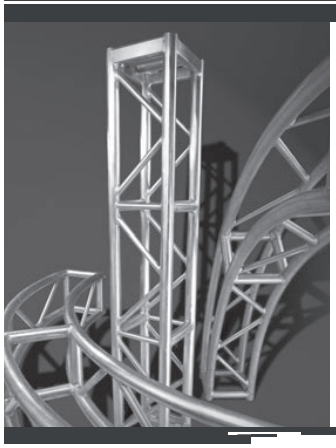
TRUSS • SUPPORT SYSTEMS • STAGING

Tower Series

1212 MEDIUM DUTY TRUSS SPIGOTED

TWB-1212-S
TWD-1212-S



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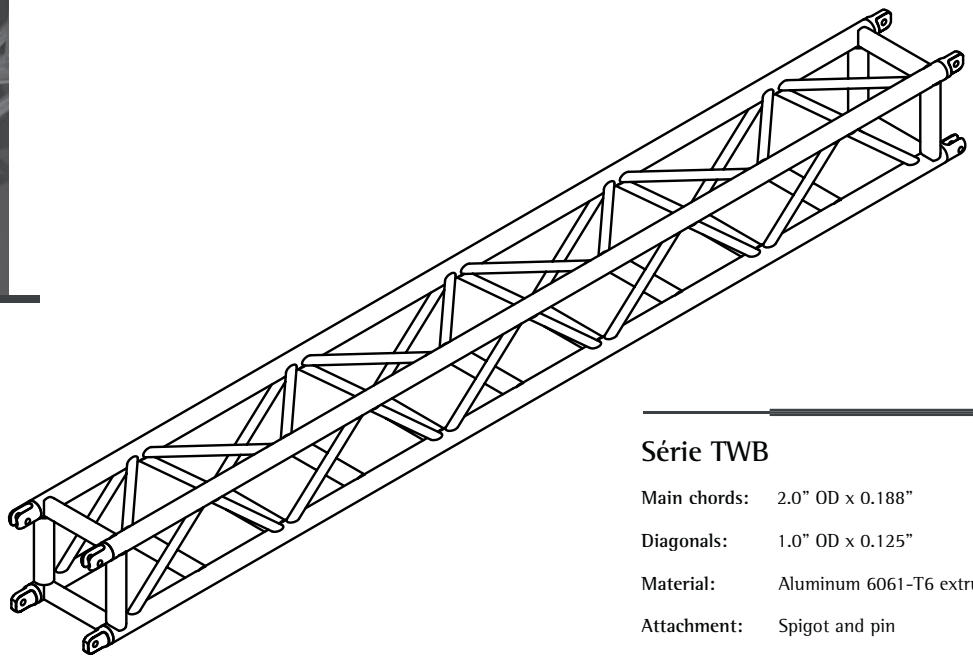
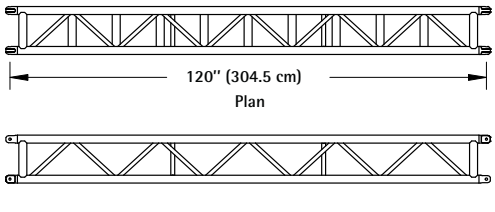
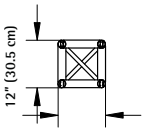


Série TWB

Main chords:	2.0" OD x 0.188"
Diagonals:	1.0" OD x 0.125"
Material:	Aluminum 6061-T6 extrusions
Attachment:	Spigot and pin
Fabrication:	Fabricated by certified welders





Série TWD (option)

Main chords:	1.9" OD x 0.200"
Diagonals:	1.0" OD x 0.125"
Material:	Aluminum 6061-T6 extrusions
Attachment:	Spigot and pin
Fabrication:	Fabricated by certified welders

CWB CERTIFIED

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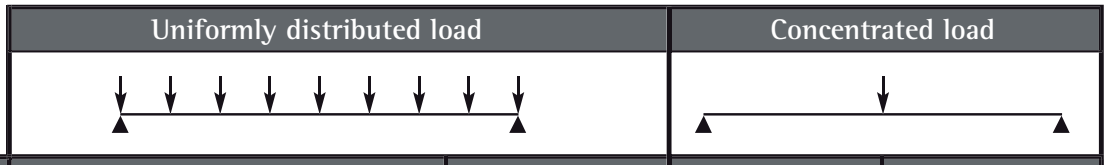
Tower Series

1212 MEDIUM DUTY TRUSS SPIGOTED

TWB-1212-S
TWD-1212-S

ALLOWABLE LOAD DATA



Span		Load				Deflexion		Load		Deflexion	
pi	*(m)*	lb/pi	*(kg/m)*	lb	*(kg)*	po	*(mm)*	lb	*(kg)*	po	*(mm)*
8	*(2.44)*	800	*(1190)*	6400	*(2902)*	0.11	*(3)*	5500	*(2494)*	0.12	*(3)*
16	*(4.88)*	325	*(483)*	5200	*(2358)*	0.52	*(13)*	2600	*(1179)*	0.42	*(11)*
24	*(7.32)*	142	*(211)*	3400	*(1542)*	1.02	*(26)*	1700	*(771)*	0.84	*(21)*
32	*(9.76)*	75	*(112)*	2400	*(1088)*	1.76	*(45)*	1200	*(544)*	1.47	*(37)*
40	*(12.20)*	45	*(67)*	1800	*(816)*	2.76	*(70)*	900	*(408)*	2.29	*(58)*

Notes

- Data presented in this chart apply to trusses built after January 2002.
- Trusses must be loaded symmetrically on each side.
- All loads must be applied at, or as close as possible to, node points (see section General).
- Deflexions are based on the rigidity of the trusses and do not include possible movement between trusses due to attachment tolerance.
- Data are valid for inside use only.
- Data are only valid for static loads and spans with two supporting points (span must be supported at each end). If dynamic loads or more supporting points are applied, contact a professional engineer or Arcofab.

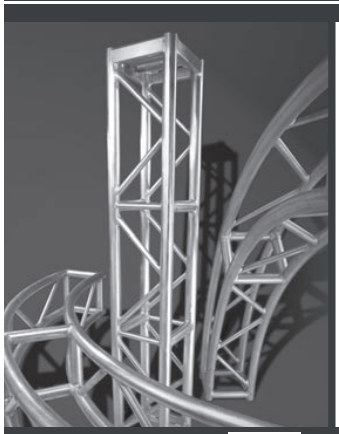
TWB-1212-S				TWD-1212-S (option)	
Main chords : 2.0" OD x 0.188" Diagonals : 1.0" OD x 0.125"				Main chords : 1.9" OD x 0.200" Diagonals : 1.0" OD x 0.125"	
Item	Weight lb *(kg)*		◄ Description ►	Item	Weight lb *(kg)*	
TWB-1212-120S	83	*(37.6)*	10' - 12" x 12"	TWD-1212-120S	84	*(38.1)*
TWB-1212-096S	69	*(31.3)*	8' - 12" x 12"	TWD-1212-096S	70	*(31.8)*
TWB-1212-060S	48	*(21.8)*	5' - 12" x 12"	TWD-1212-060S	47	*(21.3)*
TWB-1212-048S	42	*(19.1)*	4' - 12" x 12"	TWD-1212-048S	42	*(19.1)*

- Other lengths and accessories are available if requested.

Tripod Series

12 FIXED TRIANGLE LIGHT DUTY TRUSS SPIGOTED

TDA-12FX-S
TDC-12FX-S



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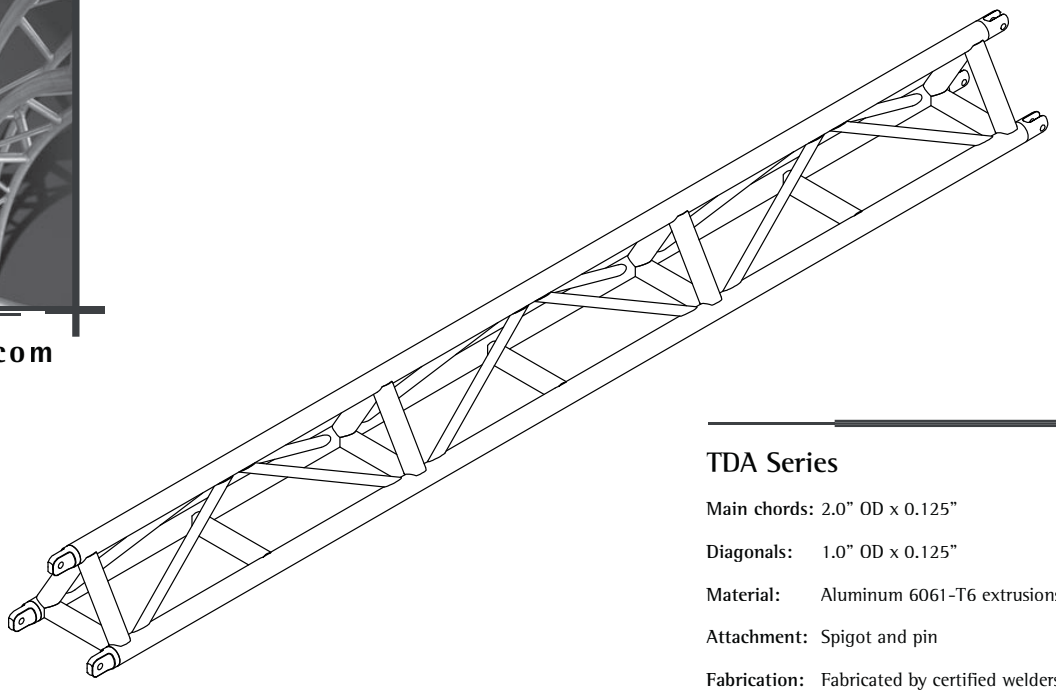


TDA Series

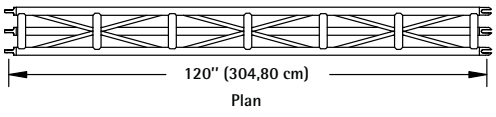
Main chords: 2.0" OD x 0.125"

Diagonals: 1.0" OD x 0.125"

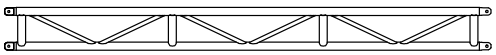
Material: Aluminum 6061-T6 extrusions

Attachment: Spigot and pin

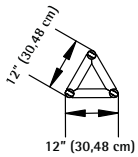
Fabrication: Fabricated by certified welders



Plan



Elevation



End view

TDC Series (option)

Main chords: 1.9" OD x 0.145"

Diagonals: 1.0" OD x 0.125"

Material: Aluminum 6061-T6 extrusions

Attachment: Spigot and pin

Fabrication: Fabricated by certified welders

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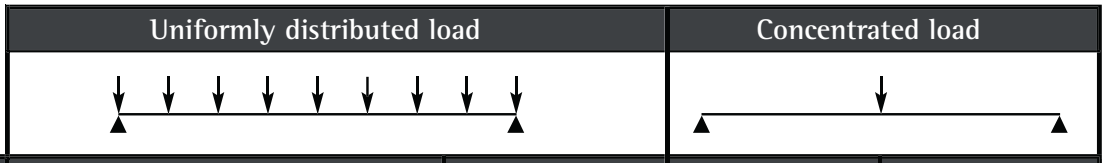
Tripod Series

12 FIXED TRIANGLE LIGHT DUTY TRUSS SPIGOTED

TDA-12FX-S
TDC-12FX-S

ALLOWABLE LOAD DATA



Span		Uniformly distributed load						Concentrated load			
		Load				Deflexion		Load		Deflexion	
ft	*(m)*	lb/ft	*(kg/m)*	lb	*(kg)*	in	*(mm)*	lb	*(kg)*	in	*(mm)*
10	*(3.05)*	290.0	*(431.4)*	2900	*(1315)*	0.21	*(5.3)*	1740	*(789)*	0.19	*(4.8)*
20	*(6.10)*	76.0	*(113.1)*	1520	*(689)*	0.75	*(19.1)*	700	*(317)*	0.59	*(15.0)*
30	*(9.15)*	29.0	*(43.1)*	870	*(395)*	1.57	*(39.9)*	460	*(209)*	1.37	*(34.8)*
40	*(12.20)*	14.5	*(21.6)*	580	*(263)*	2.78	*(70.6)*	290	*(132)*	2.40	*(61.0)*

Notes

- Data presented in this chart apply to trusses built after January 2002.
- Trusses must be loaded symmetrically on each side.
- All loads must be applied at, or as close as possible to, node points (see General Section).
- Deflexions are based on the rigidity of the trusses and do not include possible movement between trusses due to attachment tolerance.
- Data are valid for inside use only.
- Data are only valid for static loads and spans with two supporting points (span must be supported at each end). If dynamic loads or more supporting points are applied, contact a professional engineer or Arcofab.

TDA-12FX-S			TDC-12FX-S (option)	
Main chords: 2.0" OD x 0.125" Diagonals: 1.0" OD x 0.125"			Main chords: 1.9" OD x 0.145" Diagonals: 1.0" OD x 0.125"	
Item	Weight lb *(kg)*	◄ Description ►	Item	Weight lb *(kg)*
TDA-12FX-120S	49 *(22.2)*	10' - 12"	TDC-12FX-120S	52 *(23.6)*
TDA-12FX-096S	42 *(19.1)*	8' - 12"	TDC-12FX-096S	45 *(20.4)*
TDA-12FX-060S	30 *(13.6)*	5' - 12"	TDC-12FX-060S	32 *(14.5)*
TDA-12FX-048S	27 *(12.2)*	4' - 12"	TDC-12FX-048S	29 *(13.2)*

- Other lengths and accessories are available if requested.

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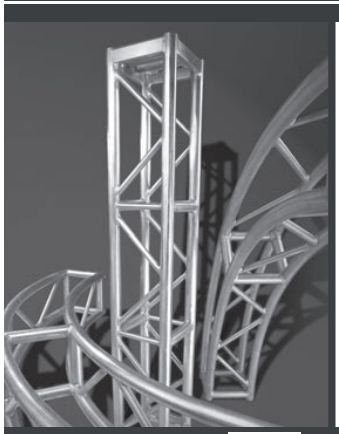
TRUSS • SUPPORT SYSTEMS • STAGING

Exposition Series

1616 MEDIUM DUTY TRUSS PLATED

TEA-1616-B
TEC-1616-B



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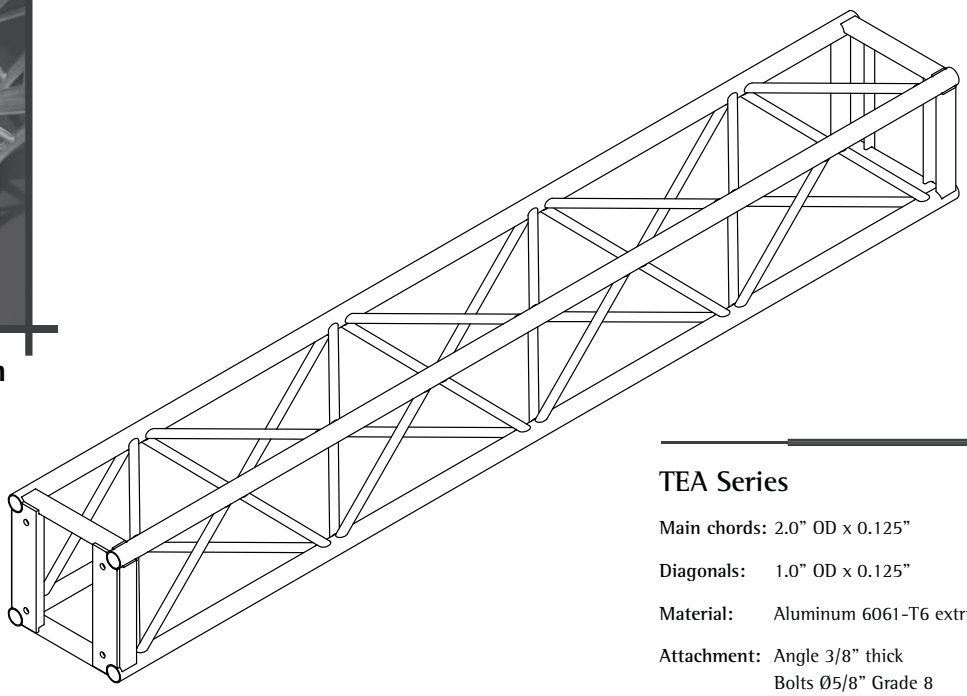


TEA Series

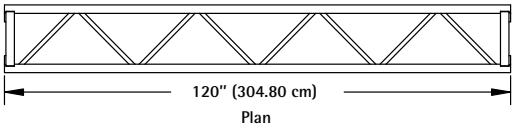
Main chords: 2.0" OD x 0.125"

Diagonals: 1.0" OD x 0.125"

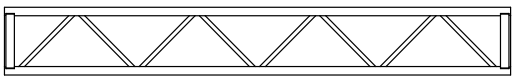
Material: Aluminum 6061-T6 extrusions

Attachment: Angle 3/8" thick
Bolts Ø5/8" Grade 8

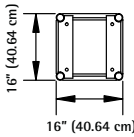
Fabrication: Fabricated by certified welders



Plan



Elevation



End view

TEC Series (option)

Main chords: 1.9" OD x 0.145"

Diagonals: 1.0" OD x 0.125"

Material: Aluminum 6061-T6 extrusions

Attachment: Angle 3/8" thick
Bolts Ø5/8" Grade 8

Fabrication: Fabricated by certified welders

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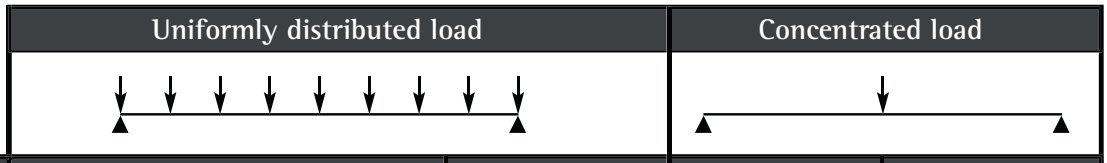
ALLOWABLE LOAD DATA



Span		Load				Deflexion		Load		Deflexion	
ft	*(m)*	lb/ft	*(kg/m)*	lb	*(kg)*	in	*(mm)*	lb	*(kg)*	in	*(mm)*
10	*(3.05)*	310.0	*(461.1)*	3100	*(1406)*	0.09	*(2.3)*	3100	*(1406)*	0.15	*(3.8)*
20	*(6.10)*	155.0	*(230.6)*	3100	*(1406)*	0.47	*(11.9)*	1780	*(807)*	0.44	*(11.2)*
30	*(9.15)*	80.0	*(119.0)*	2400	*(1088)*	1.16	*(29.5)*	1210	*(549)*	0.98	*(24.9)*
40	*(12.20)*	41.8	*(62.1)*	1670	*(757)*	1.96	*(49.8)*	850	*(385)*	1.69	*(42.9)*
50	*(15.24)*	24.0	*(35.7)*	1200	*(544)*	2.95	*(74.9)*	620	*(281)*	2.56	*(65.0)*

Notes

- Data presented in this chart apply to trusses built after January 2002.
- Trusses must be loaded symmetrically on each side.
- All loads must be applied at, or as close as possible to, node points (see General Section).
- Deflexions are based on the rigidity of the trusses and do not include possible movement between trusses due to attachment tolerance.
- Data are valid for inside use only.
- Data are only valid for static loads and spans with two supporting points (span must be supported at each end). If dynamic loads or more supporting points are applied, contact a professional engineer or Arcofab.

TEA-1616-B Main chords: 2.0" OD x 0.125" Diagonals: 1.0" OD x 0.125"				TEC-1616-B (option) Main chords: 1.9" OD x 0.145" Diagonals: 1.0" OD x 0.125"	
Item	Weight lb *(kg)*		◄ Description ►	Item	Weight lb *(kg)*
TEA-1616-120B	68	*(30.8)*	10' - 16" x 16"	TEC-1616-120B	71 *(32.2)*
TEA-1616-096B	57	*(25.9)*	8' - 16" x 16"	TEC-1616-096B	60 *(27.2)*
TEA-1616-060B	42	*(19.1)*	5' - 16" x 16"	TEC-1616-060B	44 *(20.0)*
TEA-1616-048B	34	*(15.4)*	4' - 16" x 16"	TEC-1616-048B	36 *(16.3)*
CEA-1616-690B	37	*(16.8)*	6-WAY CORNER*	CEC-1616-690B	38 *(17.2)*

- Other lengths and accessories are available if requested.

* When corners are loaded on two adjacent faces, reduce the capacity of the trusses to 50%.

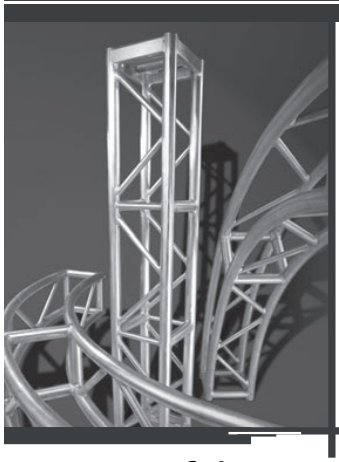
ARCOFAB

TRUSS • SUPPORT SYSTEMS • STAGING

Exposition Series

1616 MEDIUM DUTY TRUSS SPIGOTED

TEA-1616-S
TEC-1616-S



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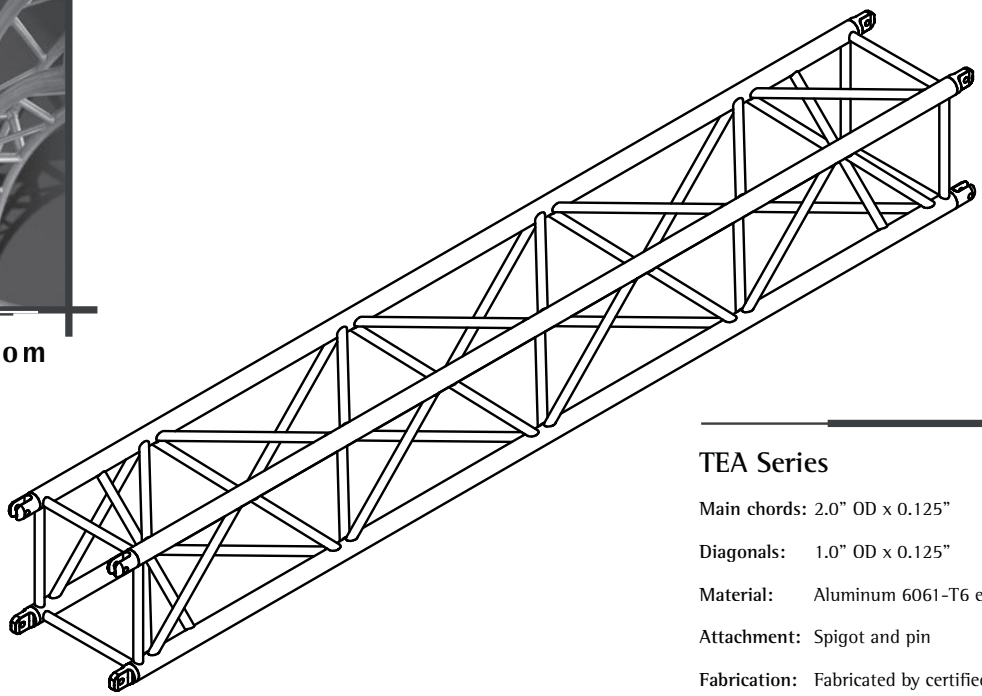


TEA Series

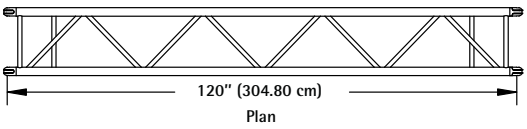
Main chords: 2.0" OD x 0.125"

Diagonals: 1.0" OD x 0.125"

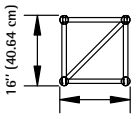
Material: Aluminum 6061-T6 extrusions

Attachment: Spigot and pin

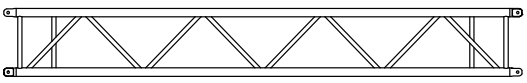
Fabrication: Fabricated by certified welders



Plan



End view



Elevation

TEC Series (option)

Main chords: 1.9" OD x 0.145"

Diagonals: 1.0" OD x 0.125"

Material: Aluminum 6061-T6 extrusions

Attachment: Spigot and pin

Fabrication: Fabricated by certified welders

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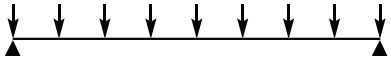
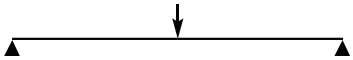
1616 MEDIUM DUTY TRUSS SPIGOTED

TEA-1616-S
TEC-1616-S

ALLOWABLE LOAD DATA

	Uniformly distributed load						Concentrated load			
										
Span		**Load**				**Deflexion**		**Load**		**Deflexion**	
ft	*(m)*	**lb/ft**	*(kg/m)*	**lb**	*(kg)*	**in**	*(mm)*	**lb**	*(kg)*	**in**	*(mm)*
10	*(3.05)*	500.0	*(743.8)*	5000	*(2268)*	0.12	*(3.0)*	3800	*(1723)*	0.13	*(3.3)*
20	*(6.10)*	230.0	*(342.1)*	4600	*(2086)*	0.66	*(16.8)*	2300	*(1043)*	0.51	*(13.0)*
30	*(9.15)*	106.7	*(158.7)*	3200	*(1451)*	1.51	*(38.4)*	1600	*(726)*	1.17	*(29.7)*
40	*(12.20)*	55.0	*(81.8)*	2200	*(998)*	2.57	*(65.3)*	1100	*(499)*	1.96	*(49.8)*
50	*(15.24)*	32.0	*(47.6)*	1600	*(726)*	3.82	*(97.0)*	800	*(363)*	3.05	*(77.5)*

Notes

- Data presented in this chart apply to trusses built after January 2002.
- Trusses must be loaded symmetrically on each side.
- All loads must be applied at, or as close as possible to, node points (see General Section).
- Deflexions are based on the rigidity of the trusses and do not include possible movement between trusses due to attachment tolerance.
- Data are valid for inside use only.
- Data are only valid for static loads and spans with two supporting points (span must be supported at each end). If dynamic loads or more supporting points are applied, contact a professional engineer or Arcofab.

TEA-1616-S				TEC-1616-S (option)	
Main chords: 2.0" OD x 0.125" Diagonals: 1.0" OD x 0.125"				Main chords: 1.9" OD x 0.145" Diagonals: 1.0" OD x 0.125"	
Item	**Weight lb** *(kg)*		**◄ Description ►**	**Item**	**Weight lb** *(kg)*	
TEA-1616-120S	64	*(29.0)*	10' - 16" x 16"	TEC-1616-120S	67	*(30.4)*
TEA-1616-096S	52	*(23.6)*	8' - 16" x 16"	TEC-1616-096S	55	*(24.9)*
TEA-1616-060S	37	*(16.8)*	5' - 16" x 16"	TEC-1616-060S	39	*(17.7)*
TEA-1616-048S	30	*(13.6)*	4' - 16" x 16"	TEC-1616-048S	32	*(14.5)*

- Other lengths and accessories are available if requested.

Tower Series

1616 MEDIUM DUTY TRUSS PLATED

TWB-1616-B
TWD-1616-B

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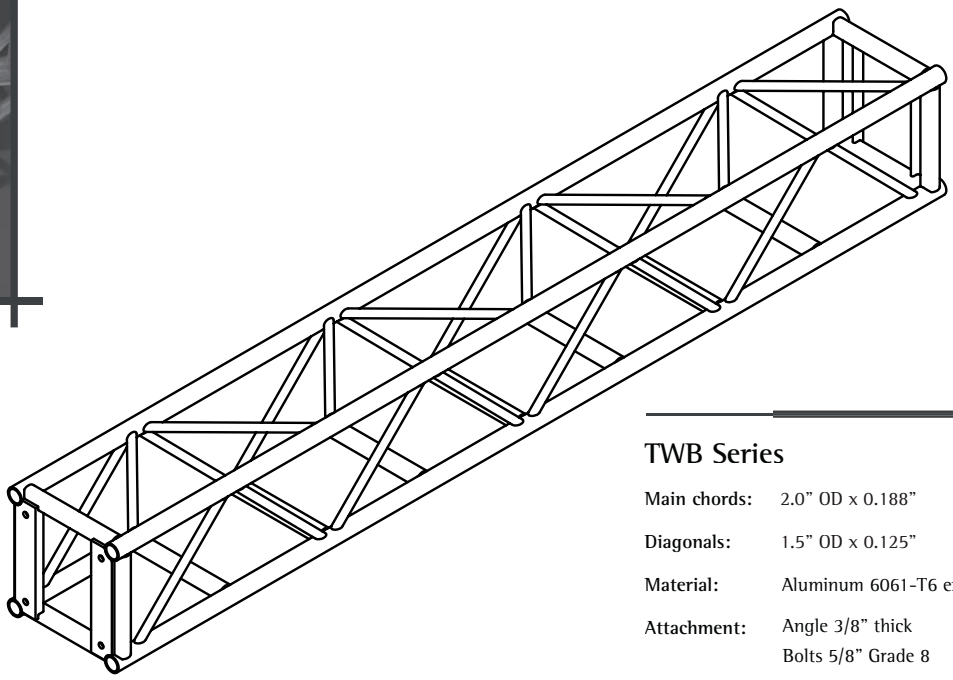
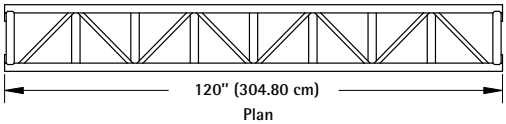
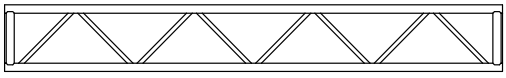
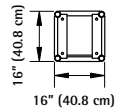





Elevation



End view

TWB Series

Main chords:	2.0" OD x 0.188"
Diagonals:	1.5" OD x 0.125"
Material:	Aluminum 6061-T6 extrusions
Attachment:	Angle 3/8" thick Bolts 5/8" Grade 8
Fabrication:	Fabricated by certified welders

TWD Series (option)

Main chords:	1.9" OD x 0.200"
Diagonals:	1.5" OD x 0.125"
Material:	Aluminum 6061-T6 extrusions
Attachment:	Angle 3/8" thick Bolts 5/8" Grade 8
Fabrication:	Fabricated by certified welders

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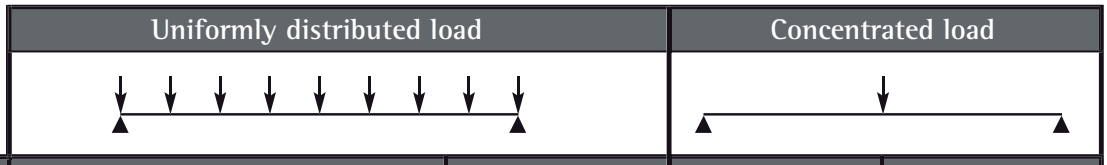
ALLOWABLE LOAD DATA



Span		Uniformly distributed load: Load				Uniformly distributed load: Deflexion		Concentrated load: Load		Concentrated load: Deflexion	
pi	*(m)*	lb/pi	*(kg/m)*	lb	*(kg)*	po	*(mm)*	lb	*(kg)*	po	*(mm)*
10	*(3.05)*	500	*(744)*	5000	*(2268)*	0.09	*(2)*	4200	*(1905)*	0.12	*(3)*
20	*(6.10)*	205	*(305)*	4100	*(1859)*	0.42	*(11)*	2040	*(925)*	0.35	*(9)*
30	*(9.15)*	87	*(129)*	2600	*(1179)*	0.86	*(22)*	1300	*(590)*	0.72	*(18)*
40	*(12.20)*	45	*(67)*	1800	*(816)*	1.47	*(37)*	900	*(408)*	1.25	*(32)*
50	*(15.24)*	26	*(39)*	1300	*(590)*	2.19	*(56)*	650	*(295)*	1.58	*(40)*

Notes

- Data presented in this chart apply to trusses built after January 2002.
- Trusses must be loaded symmetrically on each side.
- All loads must be applied at, or as close as possible to, node points (see section General).
- Deflexions are based on the rigidity of the trusses and do not include possible movement between trusses due to attachment tolerance.
- Data are valid for inside use only.
- Data are only valid for static loads and spans with two supporting points (span must be supported at each end). If dynamic loads or more supporting points are applied, contact a professional engineer or Arcofab.

TWB-1616-B

Main chords : 2.0" OD x 0.188"
Diagonals : 1.0" OD x 0.125"

TWD-1616-B (option)

Main chords : 1.9" OD x 0.200"
Diagonals : 1.0" OD x 0.125"

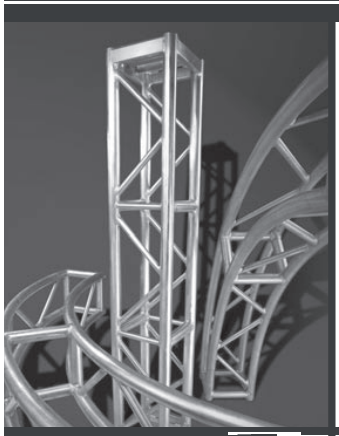
Item	Weight lb *(kg)*	◄ Description ►	Item	Weight lb *(kg)*
TWB-1616-120B	90 *(40.8)*	10' - 16" x 16"	TWB-1616-120B	91 *(41.3)*
TWB-1616-096B	76 *(34.5)*	8' - 16" x 16"	TWB-1616-096B	76 *(34.5)*
TWB-1616-060B	55 *(24.9)*	5' - 16" x 16"	TWB-1616-060B	55 *(24.9)*
TWB-1616-048B	49 *(22.2)*	4' - 16" x 16"	TWB-1616-048B	49 *(22.2)*

- Other lengths and accessories are available if requested.

Tower Series

1616 MEDIUM DUTY TRUSS SPIGOTED

TWB-1616-S
TWD-1616-S



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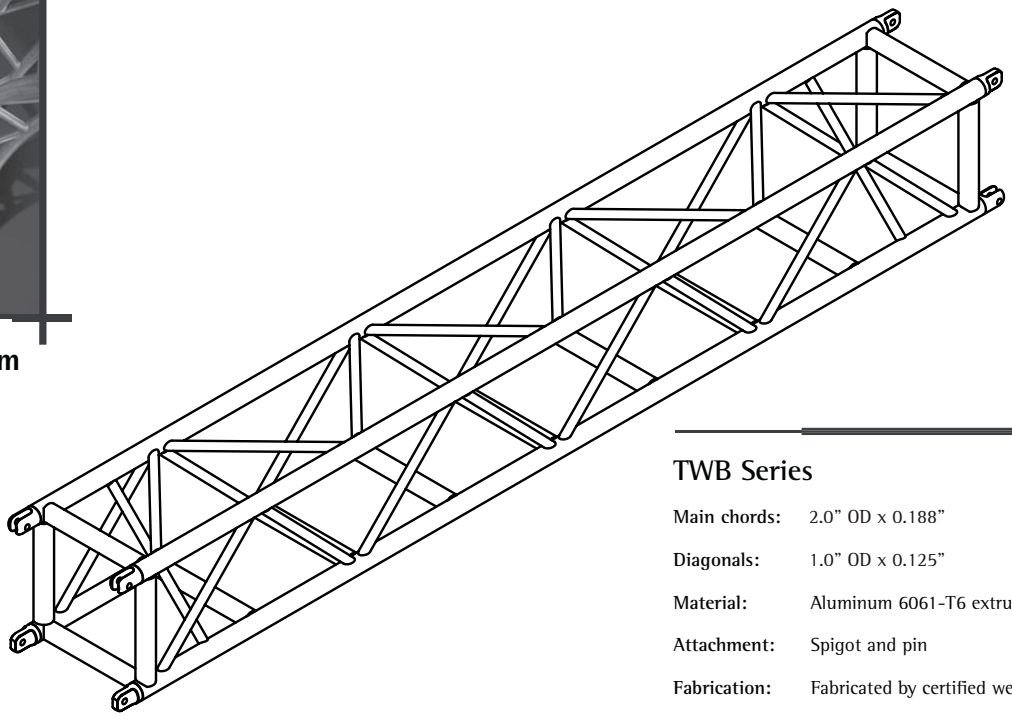

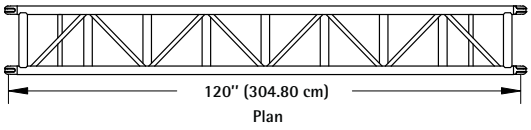

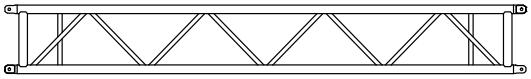

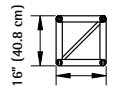

TWB Series

Main chords:	2.0" OD x 0.188"
Diagonals:	1.0" OD x 0.125"
Material:	Aluminum 6061-T6 extrusions
Attachment:	Spigot and pin
Fabrication:	Fabricated by certified welders

TWD Series (option)

Main chords:	1.9" OD x 0.200"
Diagonals:	1.0" OD x 0.125"
Material:	Aluminum 6061-T6 extrusions
Attachment:	Spigot and pin
Fabrication:	Fabricated by certified welders

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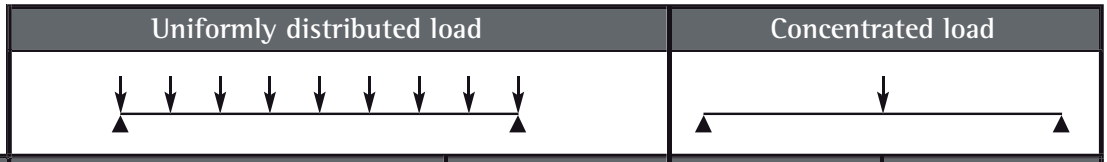
Tower Series

1616 MEDIUM DUTY TRUSS SPIGOTED

TWB-1616-S
TWD-1616-S

ALLOWABLE LOAD DATA



Span		Uniformly distributed load						Concentrated load			
		Load				Deflexion		Load		Deflexion	
pi	*(m)*	lb/pi	*(kg/m)*	lb	*(kg)*	po	*(mm)*	lb	*(kg)*	po	*(mm)*
8	*(2.44)*	800	*(1190)*	6400	*(2902)*	0.07	*(2)*	5500	*(2494)*	0.10	*(3)*
16	*(4.88)*	375	*(558)*	6000	*(2721)*	0.34	*(9)*	3600	*(1633)*	0.32	*(8)*
24	*(7.32)*	200	*(298)*	4800	*(2177)*	0.78	*(20)*	2400	*(1088)*	0.65	*(17)*
32	*(9.76)*	113	*(167)*	3600	*(1633)*	1.37	*(35)*	1800	*(816)*	1.15	*(29)*
40	*(12.20)*	68	*(100)*	2700	*(1224)*	2.10	*(53)*	1350	*(612)*	1.74	*(44)*
48	*(14.63)*	44	*(65)*	2100	*(952)*	2.95	*(75)*	1050	*(476)*	2.48	*(63)*
56	*(17.07)*	29	*(43)*	1600	*(726)*	3.85	*(98)*	800	*(363)*	3.28	*(83)*

Notes

- [illegible]
- [illegible]
- [illegible]
- [illegible]
- [illegible]
- [illegible]

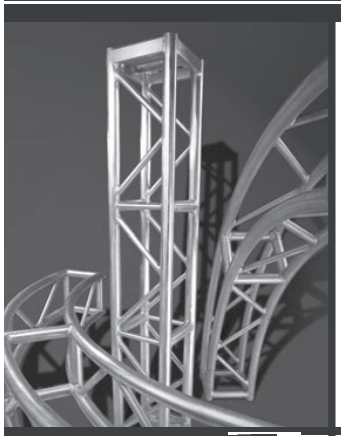
TWB-1616-S				TWD-1616-S (option)		
Main chords : 2.0" OD x 0.188" Diagonals : 1.0" OD x 0.125"				Main chords : 1.9" OD x 0.200" Diagonals : 1.0" OD x 0.125"		
Item	Weight lb *(kg)*		◄ Description ►	Item	Weight lb *(kg)*	
TWB-1616-120S	89	*(40.4)*	10' - 16" x 16"	TWD-1616-120S	88	*(39.9)*
TWB-1616-096S	74	*(33.6)*	8' - 16" x 16"	TWD-1616-096S	73	*(33.1)*
TWB-1616-060S	53	*(24.0)*	5' - 16" x 16"	TWD-1616-060S	52	*(23.6)*
TWB-1616-048S	47	*(21.3)*	4' - 16" x 16"	TWD-1616-048S	46	*(20.9)*

- Other lengths and accessories are available if requested.

Channel Series

1616 MEDIUM DUTY TRUSS SPIGOTED

TCB-1616-S
TCD-1616-S



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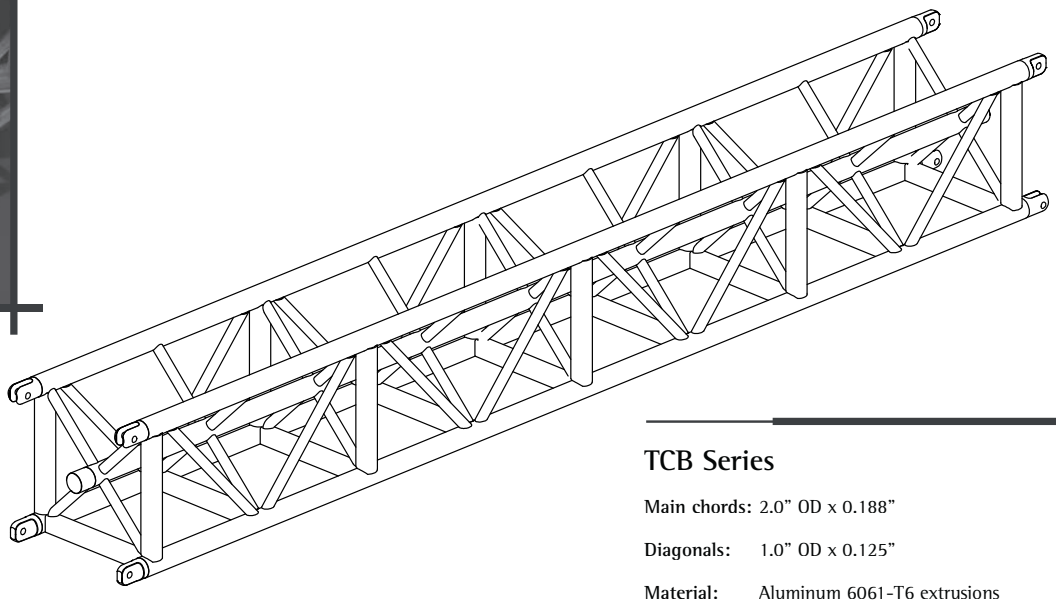


TCB Series

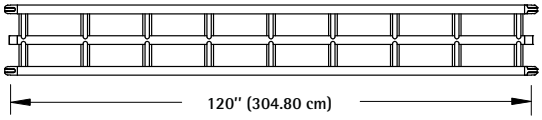
Main chords: 2.0" OD x 0.188"

Diagonals: 1.0" OD x 0.125"

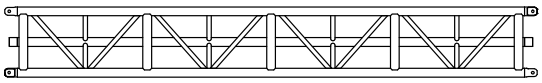
Material: Aluminum 6061-T6 extrusions

Attachment: Spigot and pin

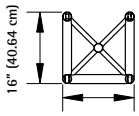
Fabrication: Fabricated by certified welders



Plan



Elevation



End view

TCD Series (option)

Main chords: 1.9" OD x 0.200"

Diagonals: 1.0" OD x 0.125"

Material: Aluminum 6061-T6 extrusions

Attachment: Spigot and pin

Fabrication: Fabricated by certified welders

For installation of "Channel" type truss please refer to page G4.

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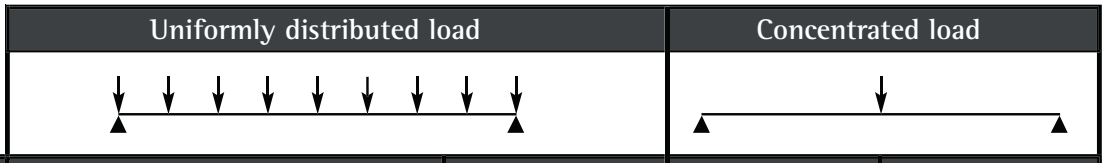
Channel Series
1616 MEDIUM DUTY TRUSS SPIGOTED

TCB-1616-S
TCD-1616-S

ALLOWABLE LOAD DATA



Span		Uniformly distributed load: Load				Uniformly distributed load: Deflection		Concentrated load: Load		Concentrated load: Deflection	
ft	*(m)*	lb/ft	*(kg/m)*	lb	*(kg)*	in	*(mm)*	lb	*(kg)*	in	*(mm)*
10	*(3.05)*	750.0	*(1115.6)*	7500	*(3401)*	0.15	*(3.8)*	6000	*(2721)*	0.17	*(4.3)*
20	*(6.10)*	292.5	*(435.1)*	5850	*(2653)*	0.65	*(16.5)*	2900	*(1315)*	0.48	*(12.2)*
30	*(9.15)*	123.3	*(183.5)*	3700	*(1678)*	1.29	*(32.8)*	1850	*(839)*	1.00	*(25.4)*
40	*(12.20)*	65.0	*(96.7)*	2600	*(1179)*	2.18	*(55.4)*	1300	*(590)*	1.74	*(44.2)*
50	*(15.24)*	37.0	*(55.0)*	1850	*(839)*	3.31	*(84.1)*	920	*(417)*	2.66	*(67.6)*

Notes

- Data presented in this chart apply to trusses built after January 2002.
- Trusses must be loaded symmetrically on each side.
- All loads must be applied at, or as close as possible to, node points (see General Section).
- Deflexions are based on the rigidity of the trusses and do not include possible movement between trusses due to attachment tolerance.
- **Installation of spreader bars is required at hang points.**
- Data are valid for inside use only.
- Data are only valid for static loads and spans with two supporting points (span must be supported at each end). If dynamic loads or more supporting points are applied, contact a professional engineer or Arcofab.

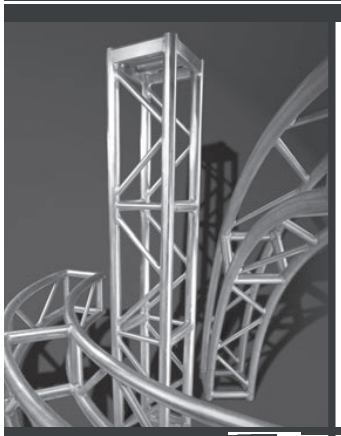
TCB-1616-S Main chords: 2.0" OD x 0.188" Diagonals: 1.0" OD x 0.125"			TCD-1616-S (option) Main chords: 1.9" OD x 0.200" Diagonals: 1.0" OD x 0.125"	
Item	Weight lb *(kg)*	◄ Description ►	Item	Weight lb *(kg)*
TCB-1616-120S	112 *(50.8)*	10' - 16"x16"	TCD-1616-120S	112 *(50.8)*
TCB-1616-096S	100 *(45.4)*	8' - 16"x16"	TCD-1616-096S	100 *(45.4)*
TCB-1616-060S	77 *(34.9)*	5' - 16"x16"	TCD-1616-060S	77 *(34.9)*
TCB-1616-048S	72 *(32.7)*	4' - 16"x16"	TCD-1616-048S	72 *(32.7)*

- Other lengths and accessories are available if requested.

Tour Series

2020 HEAVY DUTY TRUSS PLATED

TRA-2020-B
TRC-2020-B



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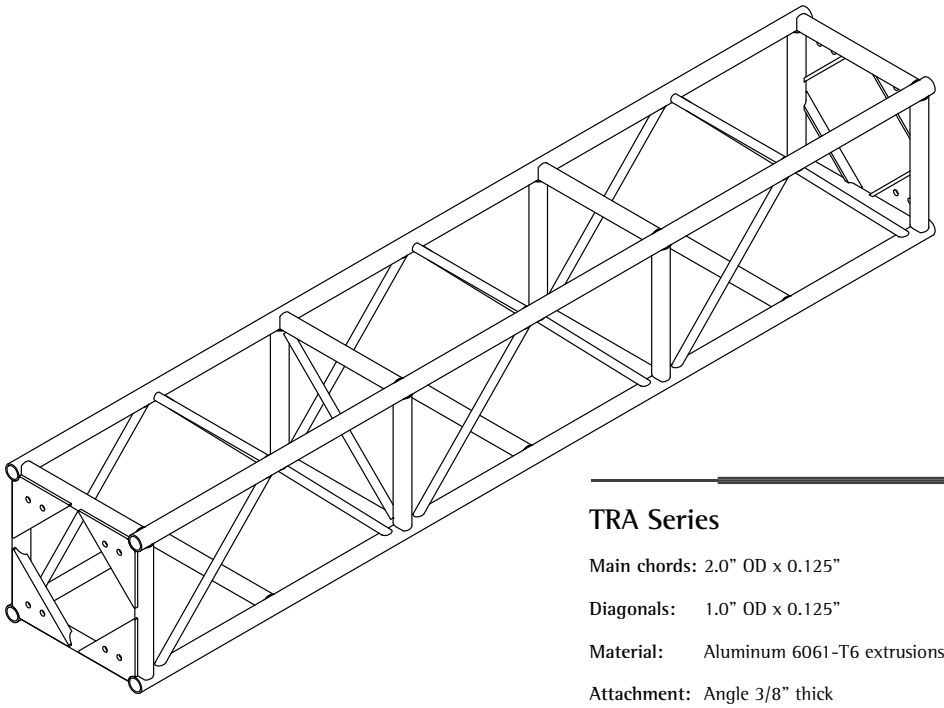


TRA Series

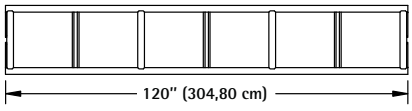
Main chords: 2.0" OD x 0.125"

Diagonals: 1.0" OD x 0.125"

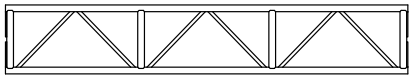
Material: Aluminum 6061-T6 extrusions

Attachment: Angle 3/8" thick
Bolts Ø5/8" Grade 8

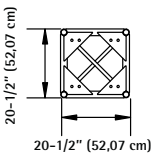
Fabrication: Fabricated by certified welders



Plan



Elevation



End view

TRC Series (option)

Main chords: 1.9" OD x 0.145"

Diagonals: 1.0" OD x 0.125"

Material: Aluminum 6061-T6 extrusions

Attachment: Angle 3/8" thick
Bolts Ø5/8" Grade 8

Fabrication: Fabricated by certified welders

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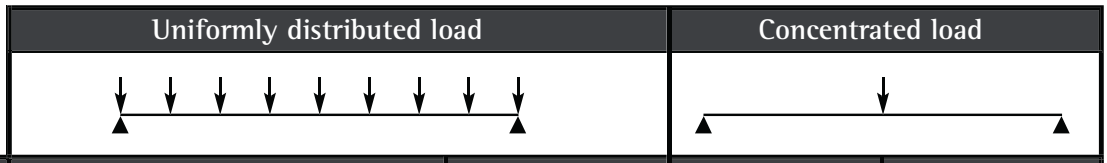
Tour Series
2020 HEAVY DUTY TRUSS PLATED

TRA-2020-B
TRC-2020-B

ALLOWABLE LOAD DATA



Span		Uniformly distributed load: Load				Uniformly distributed load: Deflexion		Concentrated load: Load		Concentrated load: Deflexion	
ft	*(m)*	lb/ft	*(kg/m)*	lb	*(kg)*	in	*(mm)*	lb	*(kg)*	in	*(mm)*
10	*(3.05)*	760.0	*(1130.5)*	7600	*(3447)*	0.15	*(3.8)*	5200	*(2358)*	0.15	*(3.8)*
20	*(6.10)*	255.0	*(379.3)*	5100	*(2313)*	0.52	*(13.2)*	2550	*(1156)*	0.43	*(10.9)*
30	*(9.15)*	107.7	*(160.2)*	3230	*(1465)*	0.94	*(23.9)*	1610	*(730)*	0.80	*(20.3)*
40	*(12.20)*	56.3	*(83.7)*	2250	*(1020)*	1.43	*(36.3)*	1120	*(508)*	1.16	*(29.5)*
50	*(15.24)*	32.4	*(48.2)*	1620	*(735)*	2.00	*(50.8)*	810	*(367)*	1.63	*(41.4)*

Notes

- Data presented in this chart apply to trusses built after January 2002.
- Trusses must be loaded symmetrically on each side.
- All loads must be applied at, or as close as possible to, node points (see General Section).
- Deflexions are based on the rigidity of the trusses and do not include possible movement between trusses due to attachment tolerance.
- Data are valid for inside use only.
- Data are only valid for static loads and spans with two supporting points (span must be supported at each end). If dynamic loads or more supporting points are applied, contact a professional engineer or Arcofab.

TRA-2020-B Main chords: 2.0" OD x 0.125" Diagonals: 1.0" OD x 0.125"			◄ Description ►	TRC-2020-B (option) Main chords: 1.9" OD x 0.145" Diagonals: 1.0" OD x 0.125"	
Item	Weight lb *(kg)*			Item	Weight lb *(kg)*
TRA-2020-120B	100	*(45.4)*	10' - 20.5"x20.5"	TRC-2020-120B	103 *(46.7)*
TRA-2020-096B	86	*(39.0)*	8' - 20.5"x20.5"	TRC-2020-096B	89 *(40.4)*
TRA-2020-060B	60	*(27.2)*	5' - 20.5"x20.5"	TRC-2020-060B	62 *(28.1)*
TRA-2020-048B	54	*(24.5)*	4' - 20.5"x20.5"	TRC-2020-048B	56 *(25.4)*
CEA-2020-690B	50	*(22.7)*	6-WAY CORNER*	CEC-2020-690B	52 *(23.6)*

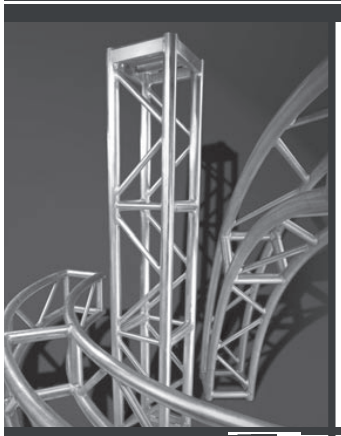
- Other lengths and accessories are available if requested.

* When corners are loaded on two adjacent faces, reduce the capacity of the trusses to 50%.

Tour Series

2020 HEAVY DUTY TRUSS SPIGOTED

TRB-2020-S
TRD-2020-S



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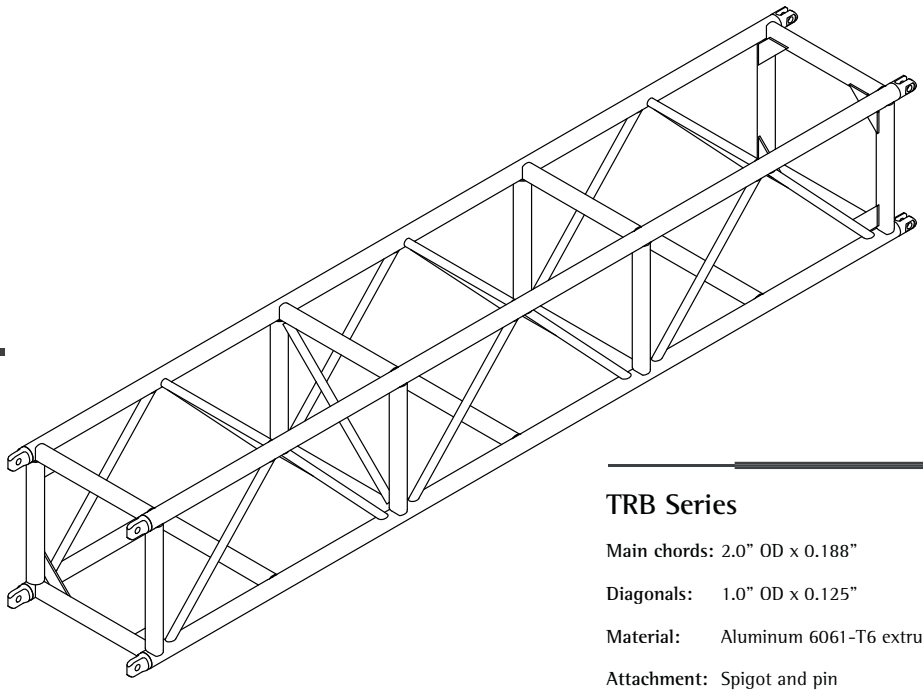


TRB Series

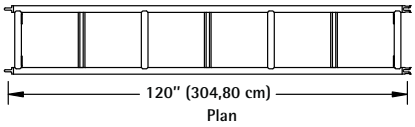
Main chords: 2.0" OD x 0.188"

Diagonals: 1.0" OD x 0.125"

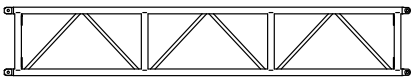
Material: Aluminum 6061-T6 extrusions

Attachment: Spigot and pin

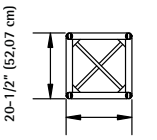
Fabrication: Fabricated by certified welders



Plan



Elevation



End view

TRD Series (option)

Main chords: 1.9" OD x 0.200"

Diagonals: 1.0" OD x 0.125"

Material: Aluminum 6061-T6 extrusions

Attachment: Spigot and pin

Fabrication: Fabricated by certified welders

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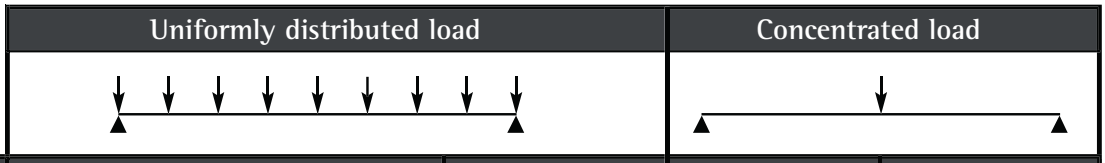
ALLOWABLE LOAD DATA



Span		Uniformly distributed load: Load				Uniformly distributed load: Deflexion		Concentrated load: Load		Concentrated load: Deflexion	
ft	*(m)*	lb/ft	*(kg/m)*	lb	*(kg)*	in	*(mm)*	lb	*(kg)*	in	*(mm)*
10	*(3.05)*	800.0	*(1190.0)*	8000	*(3628)*	0.12	*(3.0)*	7360	*(3338)*	0.16	*(4.1)*
20	*(6.10)*	390.0	*(580.1)*	7800	*(3537)*	0.51	*(13.0)*	4600	*(2086)*	0.47	*(11.9)*
30	*(9.15)*	212.3	*(315.9)*	6370	*(2889)*	1.25	*(31.8)*	3300	*(1497)*	1.05	*(26.7)*
40	*(12.20)*	121.0	*(180.0)*	4840	*(2195)*	2.26	*(57.4)*	2450	*(1111)*	1.75	*(44.5)*
50	*(15.24)*	75.0	*(111.6)*	3750	*(1701)*	3.31	*(84.1)*	1850	*(839)*	2.75	*(69.9)*
60	*(18.29)*	48.7	*(72.4)*	2920	*(1324)*	4.82	*(122.4)*	1460	*(662)*	4.03	*(102.4)*

Notes

- Data presented in this chart apply to trusses built after January 2002.
- Trusses must be loaded symmetrically on each side.
- All loads must be applied at, or as close as possible to, node points (see General Section).
- Deflexions are based on the rigidity of the trusses and do not include possible movement between trusses due to attachment tolerance.
- Data are valid for inside use only.
- Data are only valid for static loads and spans with two supporting points (span must be supported at each end). If dynamic loads or more supporting points are applied, contact a professional engineer or Arcofab.

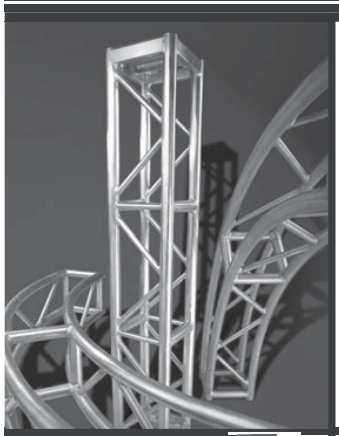
TRB-2020-S Main chords: 2.0" OD x 0.188" Diagonals: 1.0" OD x 0.125"			TRD-2020-S (option) Main chords: 1.9" OD x 0.200" Diagonals: 1.0" OD x 0.125"	
Item	Weight lb *(kg)*	◄ Description ►	Item	Weight lb *(kg)*
TRB-2020-120S	120 *(54.4)*	10' - 20.5"x20.5"	TRD-2020-120S	120 *(54.4)*
TRB-2020-096S	105 *(47.6)*	8' - 20.5"x20.5"	TRD-2020-096S	105 *(47.6)*
TRB-2020-060S	69 *(31.3)*	5' - 20.5"x20.5"	TRD-2020-060S	69 *(31.3)*
TRB-2020-048S	61 *(27.7)*	4' - 20.5"x20.5"	TRD-2020-048S	61 *(27.7)*

- Other lengths and accessories are available if requested.

Tower Series

2020 HEAVY DUTY TRUSS PLATED

TWB-2020-B
TWD-2020-B



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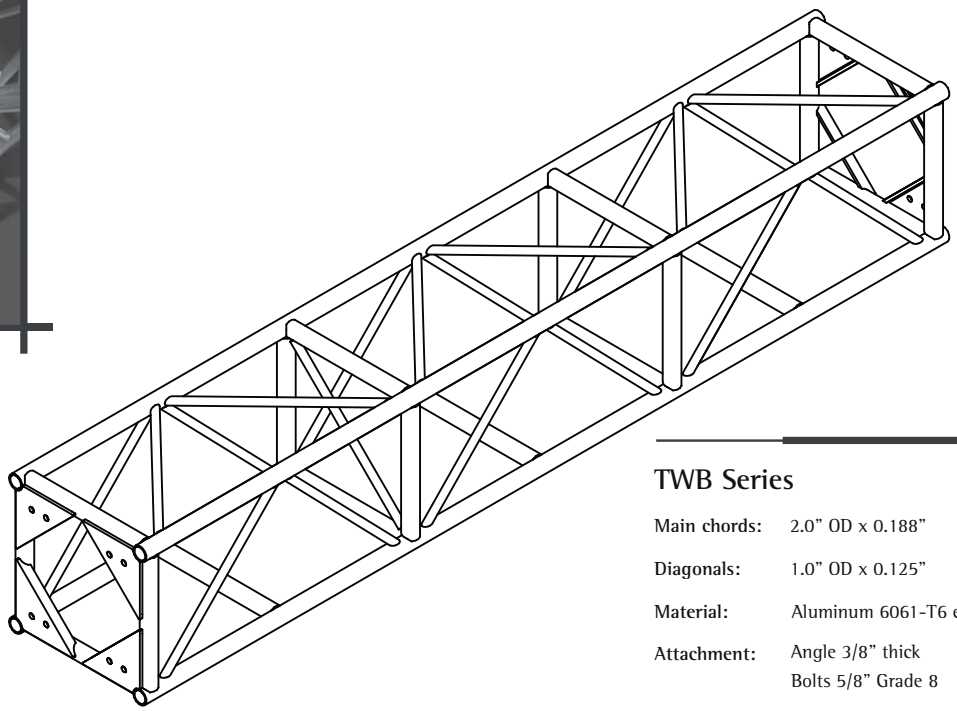

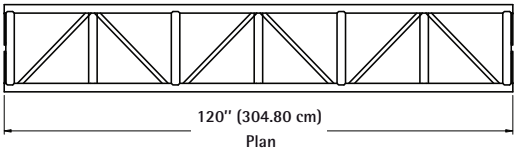

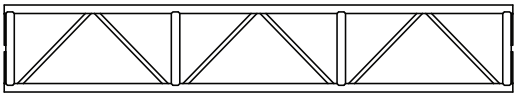

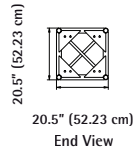

TWB Series

Main chords:	2.0" OD x 0.188"
Diagonals:	1.0" OD x 0.125"
Material:	Aluminum 6061-T6 extrusions
Attachment:	Angle 3/8" thick Bolts 5/8" Grade 8
Fabrication:	Fabricated by certified welders

TWD Series (option)

Main chords:	1.9" OD x 0.200"
Diagonals:	1.0" OD x 0.125"
Material:	Aluminum 6061-T6 extrusions
Attachment:	Angle 3/8" thick Bolts 5/8" Grade 8
Fabrication:	Fabricated by certified welders

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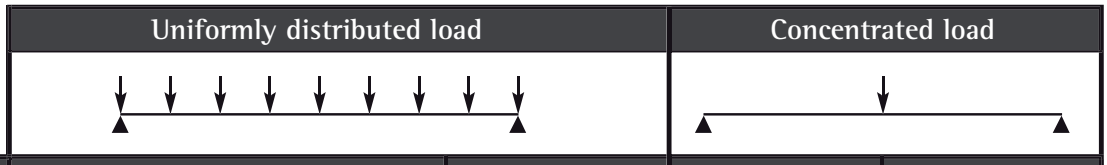
Tower Series

2020 HEAVY DUTY TRUSS PLATED

TWB-2020-B
TWD-2020-B

ALLOWABLE LOAD DATA



Span		Load				Deflexion		Load		Deflexion	
pi	*(m)*	lb/pi	*(kg/m)*	lb	*(kg)*	po	*(mm)*	lb	*(kg)*	po	*(mm)*
10	*(3.05)*	760	*(1131)*	7600	*(3447)*	0.15	*(4)*	5200	*(2358)*	0.15	*(4)*
20	*(6.10)*	253	*(376)*	5050	*(2290)*	0.52	*(13)*	2520	*(1143)*	0.43	*(11)*
30	*(9.15)*	105	*(156)*	3150	*(1429)*	0.94	*(24)*	1570	*(712)*	0.80	*(20)*
40	*(12.20)*	54	*(80)*	2150	*(975)*	1.43	*(36)*	1070	*(485)*	1.16	*(29)*
50	*(15.24)*	30	*(45)*	1500	*(680)*	2.00	*(51)*	750	*(340)*	1.63	*(41)*

Notes

- Data presented in this chart apply to trusses built after January 2002.
- Trusses must be loaded symmetrically on each side.
- All loads must be applied at, or as close as possible to, node points (see section General).
- Deflexions are based on the rigidity of the trusses and do not include possible movement between trusses due to attachment tolerance.
- Data are valid for inside use only.
- Data are only valid for static loads and spans with two supporting points (span must be supported at each end). If dynamic loads or more supporting points are applied, contact a professional engineer or Arcofab.

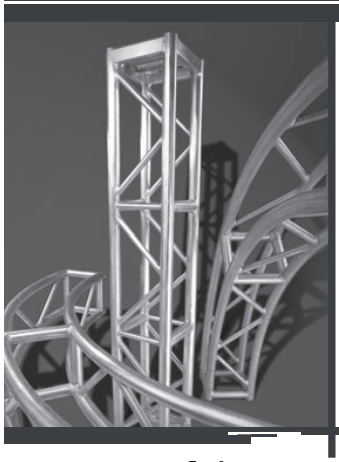
TWB-2020-B Main chords : 2.0" OD x 0.188" Diagonals : 1.0" OD x 0.125"				TWD-2020-B (option) Main chords : 1.9" OD x 0.200" Diagonals : 1.0" OD x 0.125"	
Item	Weight lb *(kg)*	◄ Description ►		Item	Weight lb *(kg)*
TWB-2020-120B	104 *(47.2)*	10' - 20.5" x 20.5"		TWB-2020-120B	109 *(49.4)*
TWB-2020-096B	93 *(42.2)*	8' - 20.5" x 20.5"		TWB-2020-096B	98 *(44.5)*
TWB-2020-060B	67 *(30.4)*	5' - 20.5" x 20.5"		TWB-2020-060B	70 *(31.8)*
TWB-2020-048B	61 *(27.7)*	4' - 20.5" x 20.5"		TWB-2020-048B	64 *(29.0)*

- Other lengths and accessories are available if requested.

Tower Series

2020 HEAVY DUTY TRUSS SPIGOTED

TWB-2020-S
TWD-2020-S



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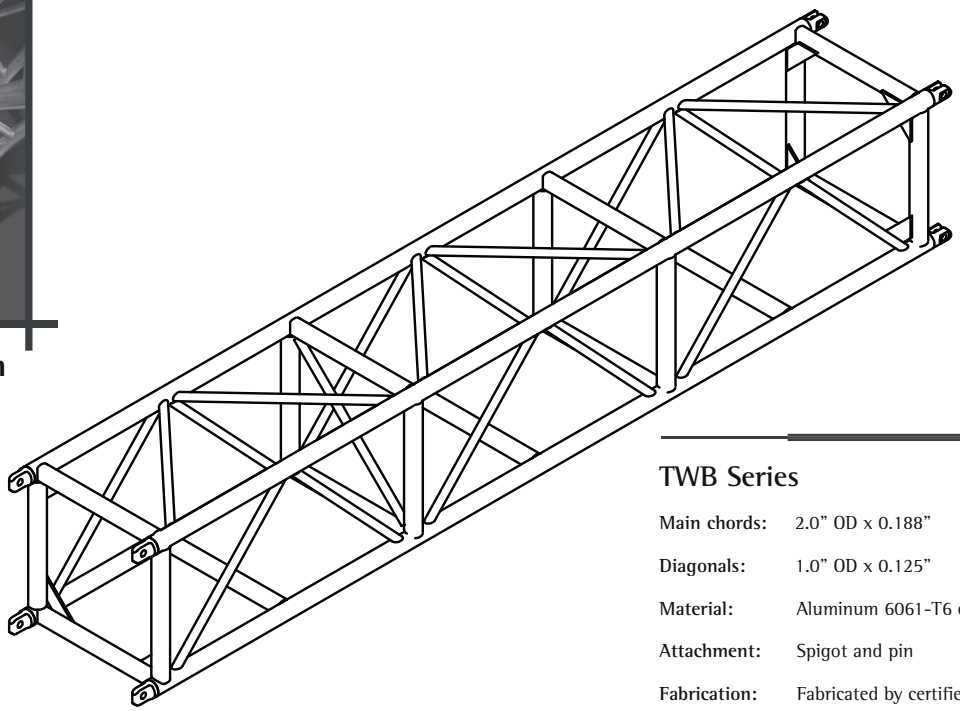
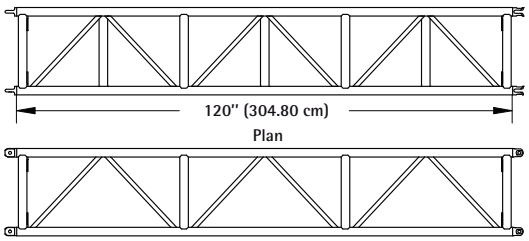
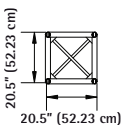


TWB Series

Main chords:	2.0" OD x 0.188"
Diagonals:	1.0" OD x 0.125"
Material:	Aluminum 6061-T6 extrusions
Attachment:	Spigot and pin
Fabrication:	Fabricated by certified welders





TWD Series (option)

Main chords:	1.9" OD x 0.200"
Diagonals:	1.0" OD x 0.125"
Material:	Aluminum 6061-T6 extrusions
Attachment:	Spigot and pin
Fabrication:	Fabricated by certified welders

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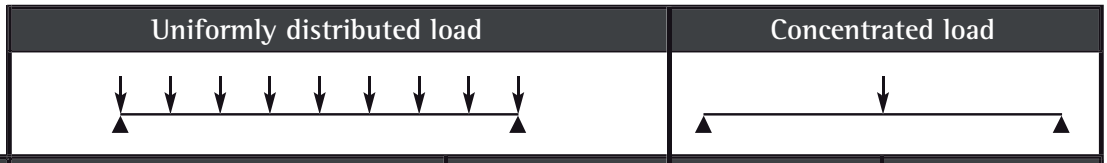
ALLOWABLE LOAD DATA



Span		Uniformly distributed load: Load				Uniformly distributed load: Deflexion		Concentrated load: Load		Concentrated load: Deflexion	
pi	*(m)*	lb/pi	*(kg/m)*	lb	*(kg)*	po	*(mm)*	lb	*(kg)*	po	*(mm)*
10	*(3.05)*	710	*(1056)*	7100	*(3220)*	0.11	*(3)*	6600	*(2993)*	0.14	*(4)*
20	*(6.10)*	340	*(506)*	6800	*(3084)*	0.44	*(11)*	4000	*(1814)*	0.41	*(10)*
30	*(9.15)*	187	*(278)*	5600	*(2540)*	1.06	*(27)*	2800	*(1270)*	0.90	*(23)*
40	*(12.20)*	100	*(149)*	4000	*(1814)*	1.93	*(49)*	2000	*(907)*	1.50	*(38)*
50	*(15.24)*	62	*(92)*	3100	*(1406)*	2.88	*(73)*	1550	*(703)*	2.42	*(61)*
60	*(18.29)*	40	*(60)*	2400	*(1088)*	4.17	*(106)*	1200	*(544)*	3.52	*(89)*

Notes

- Data presented in this chart apply to trusses built after January 2002.
- Trusses must be loaded symetrically on each side.
- All loads must be applied at, or as close as possible to, node points (see section General).
- Deflexions are based on the rigidity of the trusses and do not include possible movement between trusses due to attachment tolerance.
- Data are valid for inside use only.
- Data are only valid for static loads and spans with two supporting points (span must be supported at each end). If dynamic loads or more supporting points are applied, contact a professional engineer or Arcofab.

TWB-2020-S Main chords : 2.0" OD x 0.188" Diagonals : 1.0" OD x 0.125"				TWD-2020-S (option) Main chords : 1.9" OD x 0.200" Diagonals : 1.0" OD x 0.125"	
Item	Weight lb *(kg)*	◄ Description ►		Item	Weight lb *(kg)*
TWB-2020-120S	112 *(50,8)*	10' - 20.5" x 20.5"		TWB-2020-120S	113 *(51.3)*
TWB-2020-096S	101 *(45,8)*	8' - 20.5" x 20.5"		TWB-2020-096S	102 *(46.3)*
TWB-2020-060S	75 *(34,0)*	5' - 20.5" x 20.5"		TWB-2020-060S	76 *(34.5)*
TWB-2020-048S	64 *(29,0)*	4' - 20.5" x 20.5"		TWB-2020-048S	65 *(29.5)*

- Other lengths and accessories are available if requested.

Channel Series
2020 HEAVY DUTY TRUSS SPIGOTED

TCB-2020-S
TCD-2020-S

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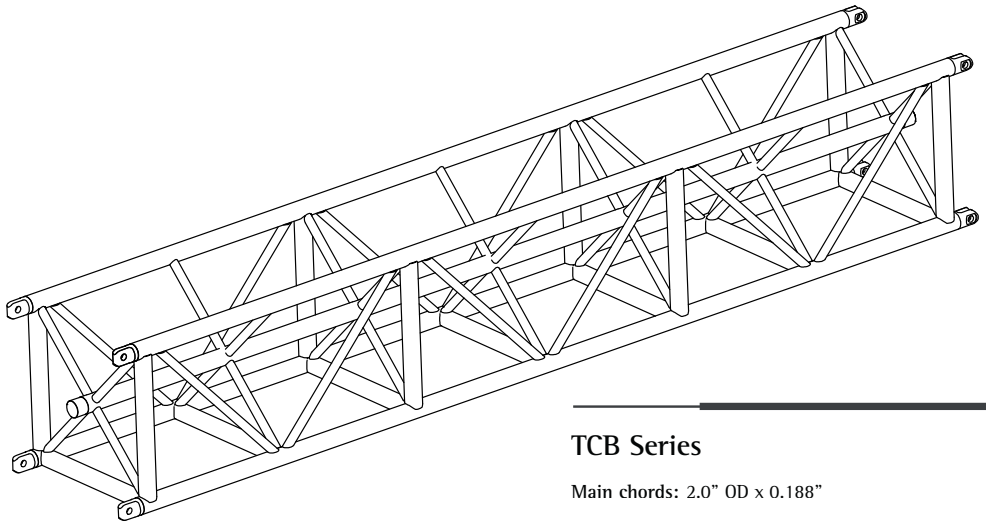


TCB Series

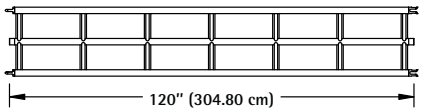
Main chords: 2.0" OD x 0.188"

Diagonals: 1.0" OD x 0.125"

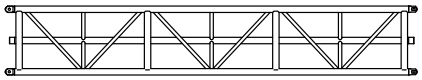
Material: Aluminum 6061-T6 extrusions

Attachment: Spigot and pin

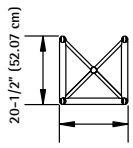
Fabrication: Fabricated by certified welders



Plan



Elevation



End view

TCD Series (option)

Main chords: 1.9" OD x 0.200"

Diagonals: 1.0" OD x 0.125"

Material: Aluminum 6061-T6 extrusions

Attachment: Spigot and pin

Fabrication: Fabricated by certified welders

For installation of "Channel" type truss please refer to page G4.

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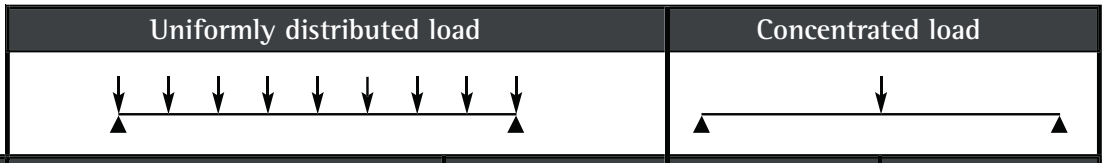
Channel Series

2020 HEAVY DUTY TRUSS SPIGOTED

TCB-2020-S
TCD-2020-S

ALLOWABLE LOAD DATA



Span		Uniformly distributed load: Load				Uniformly distributed load: Deflexion		Concentrated load: Load		Concentrated load: Deflexion	
ft	*(m)*	lb/ft	*(kg/m)*	lb	*(kg)*	in	*(mm)*	lb	*(kg)*	in	*(mm)*
10	*(3.05)*	800.0	*(1190.0)*	8000	*(3628)*	0.12	*(3.0)*	7400	*(3356)*	0.16	*(4.1)*
20	*(6.10)*	390.0	*(580.1)*	7800	*(3537)*	0.52	*(13.2)*	4540	*(2059)*	0.47	*(11.9)*
30	*(9.15)*	205.7	*(305.9)*	6170	*(2798)*	1.22	*(31.0)*	3190	*(1447)*	1.00	*(25.4)*
40	*(12.20)*	117.5	*(174.8)*	4700	*(2132)*	2.30	*(58.4)*	2330	*(1057)*	1.74	(44.2)
50	*(15.24)*	71.4	*(106.2)*	3570	*(1619)*	3.45	*(87.6)*	1800	*(816)*	2.74	*(69.6)*
60	*(18.29)*	45.7	*(67.9)*	2740	*(1243)*	4.87	*(123.7)*	1390	*(630)*	4.04	*(102.6)*

Notes

- Data presented in this chart apply to trusses built after January 2002.
- Trusses must be loaded symmetrically on each side.
- All loads must be applied at, or as close as possible to, node points (see General Section).
- Deflexions are based on the rigidity of the trusses and do not include possible movement between trusses due to attachment tolerance.
- **Installation of spreader bars is required at hang points.**
- Data are valid for inside use only.
- Data are only valid for static loads and spans with two supporting points (span must be supported at each end). If dynamic loads or more supporting points are applied, contact a professional engineer or Arcofab.

TCB-2020-S

Main chords: 2.0" OD x 0.188"
Diagonals: 1.0" OD x 0.125"

TCD-2020-S (option)

Main chords: 1.9" OD x 0.200"
Diagonals: 1.0" OD x 0.125"

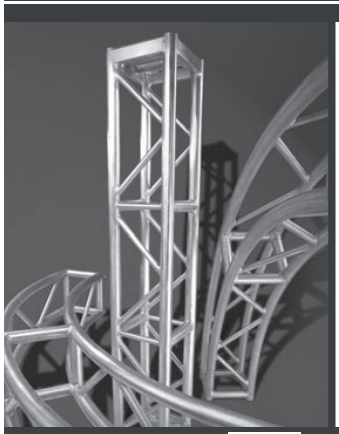
Item	Weight lb *(kg)*	◄ Description ►	Item	Weight lb *(kg)*
TCB-2020-120S	130 *(59.0)*	10' - 20.5"x20.5"	TCD-2020-120S	130 *(59.0)*
TCB-2020-096S	114 *(51.7)*	8' - 20.5"x20.5"	TCD-2020-096S	114 *(51.7)*
TCB-2020-060S	75 *(34.0)*	5' - 20.5"x20.5"	TCD-2020-060S	75 *(34.0)*
TCB-2020-048S	66 *(29.9)*	4' - 20.5"x20.5"	TCD-2020-048S	66 *(29.9)*

- Other lengths and accessories are available if requested.

Tripod Series

20 FIXED TRIANGLE MEDIUM DUTY TRUSS SPIGOTED

TDB-20FX-S
TDD-20FX-S



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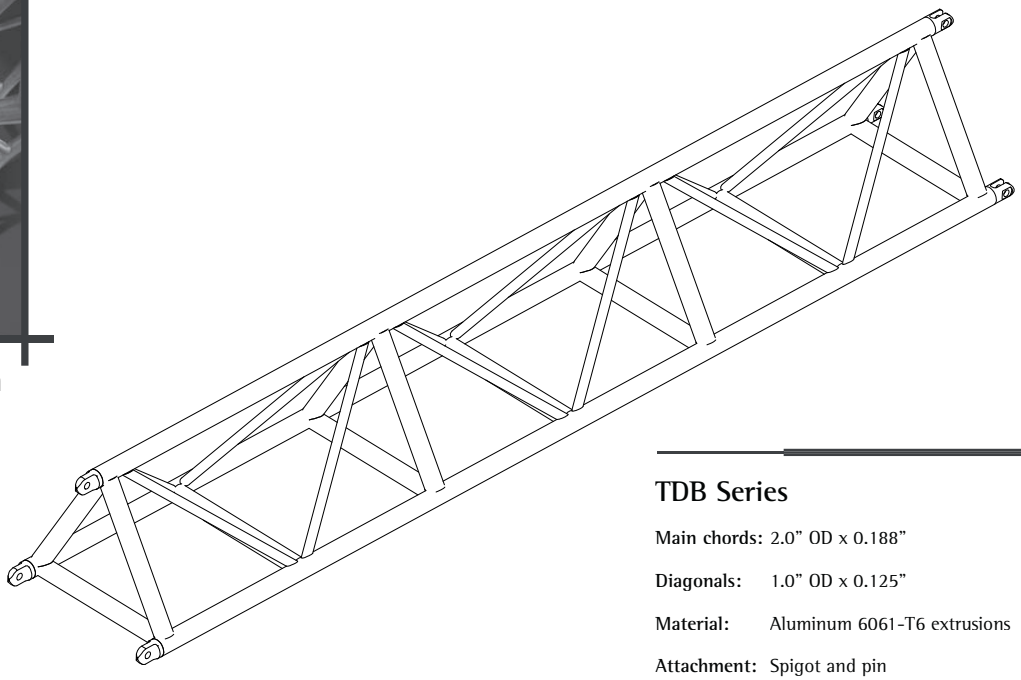


TDB Series

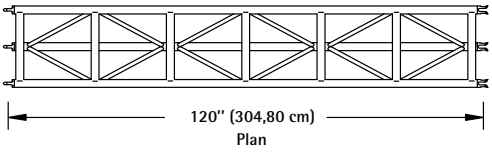
Main chords: 2.0" OD x 0.188"

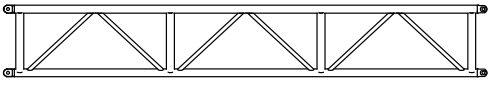
Diagonals: 1.0" OD x 0.125"

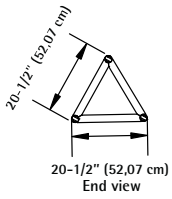
Material: Aluminum 6061-T6 extrusions

Attachment: Spigot and pin

Fabrication: Fabricated by certified welders







TDD Series (option)

Main chords: 1.9" OD x 0.200"

Diagonals: 1.0" OD x 0.125"

Material: Aluminum 6061-T6 extrusions

Attachment: Spigot and pin

Fabrication: Fabricated by certified welders

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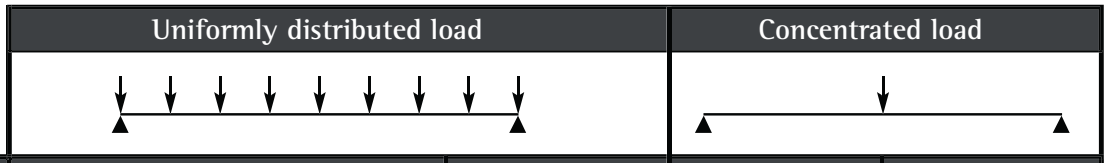
Tripod Series

20 FIXED TRIANGLE MEDIUM DUTY TRUSS SPIGOTED

TDB-20FX-S
TDD-20FX-S

ALLOWABLE LOAD DATA



Span		Uniformly distributed load: Load				Uniformly distributed load: Deflexion		Concentrated load: Load		Concentrated load: Deflexion	
ft	*(m)*	lb/ft	*(kg/m)*	lb	*(kg)*	in	*(mm)*	lb	*(kg)*	in	*(mm)*
10	*(3.05)*	540.0	*(803.3)*	5400	*(2449)*	0.14	*(3.6)*	3900	*(1769)*	0.15	*(3.8)*
20	*(6.10)*	220.0	*(327.3)*	4400	*(1995)*	0.50	*(12.7)*	2000	*(907)*	0.39	*(9.9)*
30	*(9.15)*	92.3	*(137.3)*	2770	*(1256)*	1.02	*(25.9)*	1430	*(649)*	0.89	*(22.6)*
40	*(12.20)*	50.0	*(74.4)*	2000	*(907)*	1.78	*(45.2)*	960	*(435)*	1.46	*(37.1)*
50	*(15.24)*	29.0	*(43.1)*	1450	*(658)*	2.71	*(68.8)*	730	*(331)*	2.33	*(59.2)*

Notes

- Data presented in this chart apply to trusses built after January 2002.
- Trusses must be loaded symmetrically on each side.
- All loads must be applied at, or as close as possible to, node points (see General Section).
- Deflexions are based on the rigidity of the trusses and do not include possible movement between trusses due to attachment tolerance.
- Data are valid for inside use only.
- Data are only valid for static loads and spans with two supporting points (span must be supported at each end). If dynamic loads or more supporting points are applied, contact a professional engineer or Arcofab.

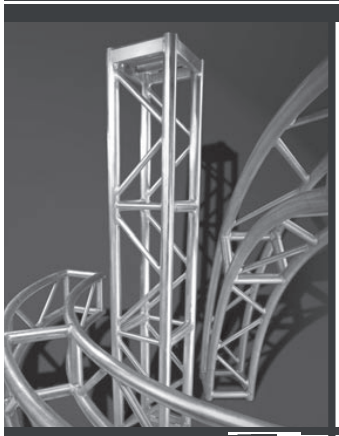
TDB-20FX-S			TDD-20FX-S (option)	
Main chords: 2.0" OD x 0.188" Diagonals: 1.0" OD x 0.125"			Main chords: 1.9" OD x 0.200" Diagonals: 1.0" OD x 0.125"	
Item	Weight lb *(kg)*	◄ Description ►	Item	Weight lb *(kg)*
TDB-20FX-120S	83 *(37.6)*	10' - 20.5"	TDD-20FX-120S	83 *(37.6)*
TDB-20FX-096S	70 *(31.8)*	8' - 20.5"	TDD-20FX-096S	70 *(31.8)*
TDB-20FX-060S	48 *(21.8)*	5' - 20.5"	TDD-20FX-060S	48 *(21.8)*
TDB-20FX-048S	42 *(19.1)*	4' - 20.5"	TDD-20FX-048S	42 *(19.1)*

- Other lengths and accessories are available if requested.

Mother Grid Series

3020 HEAVY DUTY TRUSS SPIGOTED WITH WHEELS

TMB-3020-SW
TMD-3020-SW



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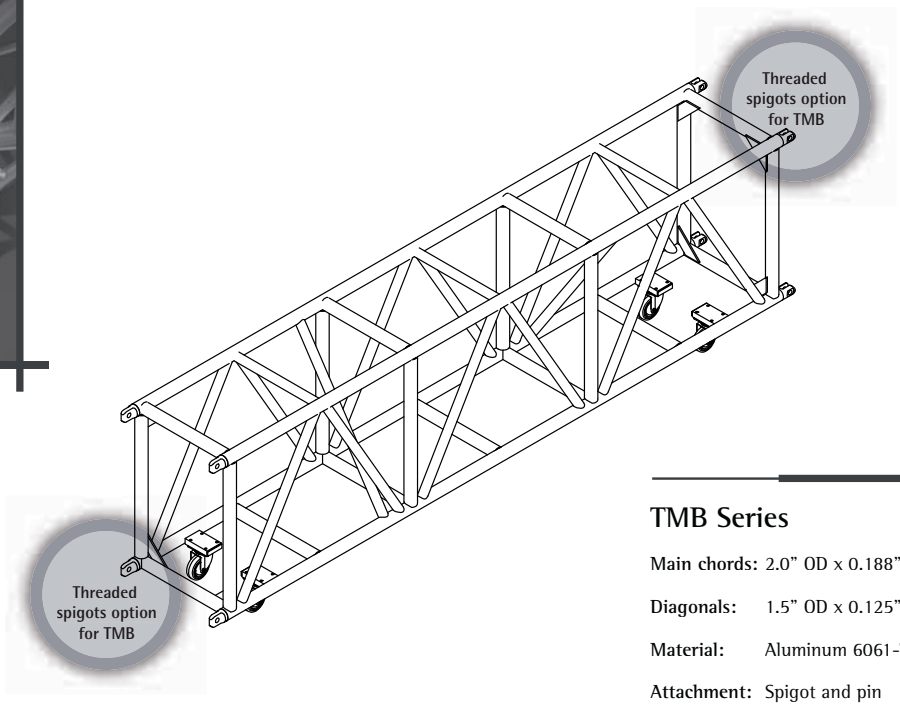


TMB Series

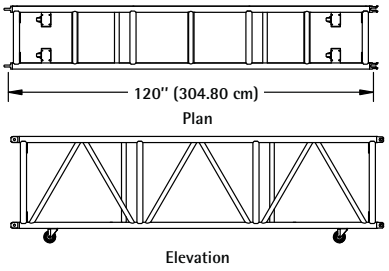
Main chords: 2.0" OD x 0.188"

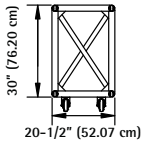
Diagonals: 1.5" OD x 0.125"

Material: Aluminum 6061-T6 extrusions

Attachment: Spigot and pin

Fabrication: Fabricated by certified welders





TMD Series (option)

Main chords: 1.9" OD x 0.200"

Diagonals: 1.5" OD x 0.125"

Material: Aluminum 6061-T6 extrusions

Attachment: Spigot and pin

Fabrication: Fabricated by certified welders

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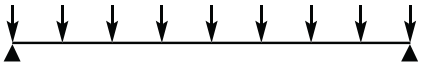
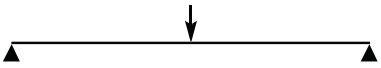
Mother Grid Series

3020 HEAVY DUTY TRUSS SPIGOTED WITH WHEELS

TMB-3020-SW
TMD-3020-SW

ALLOWABLE LOAD DATA

	Uniformly distributed load						Concentrated load			
										
Span		Load			Deflexion		Load		Deflexion	
ft	*(m)*	lb/ft	*(kg/m)*	lb	*(kg)*	in	*(mm)*	lb	*(kg)*	in	*(mm)*
10	*(3.05)*	1210	*(1800)*	12100	*(5488)*	0.10	*(3)*	10800	*(4898)*	0.14	*(4)*
20	*(6.10)*	600	*(893)*	12000	*(5442)*	0.37	*(9)*	7400	*(3356)*	0.37	*(9)*
30	*(9.15)*	300	*(446)*	9000	*(4082)*	0.80	*(20)*	4850	*(2200)*	0.71	*(18)*
40	*(12.20)*	190	*(283)*	7600	*(3447)*	1.46	*(37)*	3800	*(1723)*	1.24	*(31)*
50	*(15.24)*	120	*(179)*	6000	*(2721)*	2.27	*(58)*	3000	*(1361)*	1.90	*(48)*
60	*(18.29)*	80	*(119)*	4800	*(2177)*	3.22	*(82)*	2400	*(1088)*	2.80	*(71)*
70	*(21.34)*	56	*(83)*	3900	*(1769)*	4.55	*(116)*	1950	*(884)*	3.77	*(96)*
80	*(24.39)*	40	*(60)*	3200	*(1451)*	6.00	*(152)*	1600	*(726)*	5.03	*(128)*
90	*(27.44)*	29	*(43)*	2600	*(1179)*	7.50	*(191)*	1300	*(590)*	6.50	*(165)*

Notes

- Data presented in this chart apply to trusses built after January 2002.
- Trusses must be loaded symmetrically on each side.
- All loads must be applied at, or as close as possible to, node points (see General Section).
- Deflexions are based on the rigidity of the trusses and do not include possible movement between trusses due to attachment tolerance.
- **For span exceeding 60' (18m), loads are for laterally supported truss.**
- Data are valid for inside use only.
- Data are only valid for static loads and spans with two supporting points (span must be supported at each end). If dynamic loads or more supporting points are applied, contact a professional engineer or Arcofab.

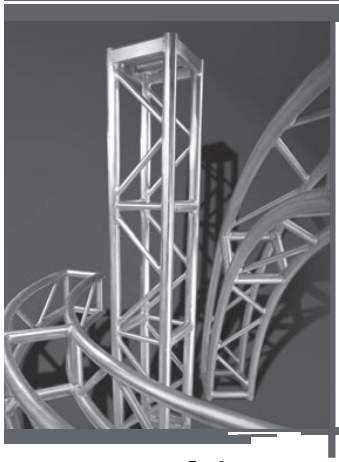
TMB-3020-S Main chords: 2.0" OD x 0.188" Diagonals: 1.5" OD x 0.125"			TMD-3020-S (option) Main chords: 1.9" OD x 0.200" Diagonals: 1.5" OD x 0.125"	
Item	Weight lb *(kg)*	◄ Description ►	Item	Weight lb *(kg)*
TMB-3020-120S	132 *(59.9)*	10' - 30"x20"	TMD-3020-120S	132 *(59.9)*
TMB-3020-096S	118 *(53.5)*	8' - 30"x20"	TMD-3020-096S	118 *(53.5)*
TMB-3020-072S	95 *(43.1)*	6' - 30"x20"	TMD-3020-072S	95 *(43.1)*
TMB-3020-060S	89 *(40.4)*	5' - 30"x20"	TMD-3020-060S	89 *(40.4)*
TMB-3020-048S	80 *(36.3)*	4' - 30"x20"	TMD-3020-048S	80 *(36.3)*
TMB-3020-036S	64 *(29.0)*	3' - 30"x20"	TMD-3020-036S	64 *(29.0)*

- Other lengths and accessories are available if requested.

Mother Grid Series

3020 HEAVY DUTY TRUSS SPIGOTED WITH WHEELS

TMB-3020-SW
TMD-3020-SW



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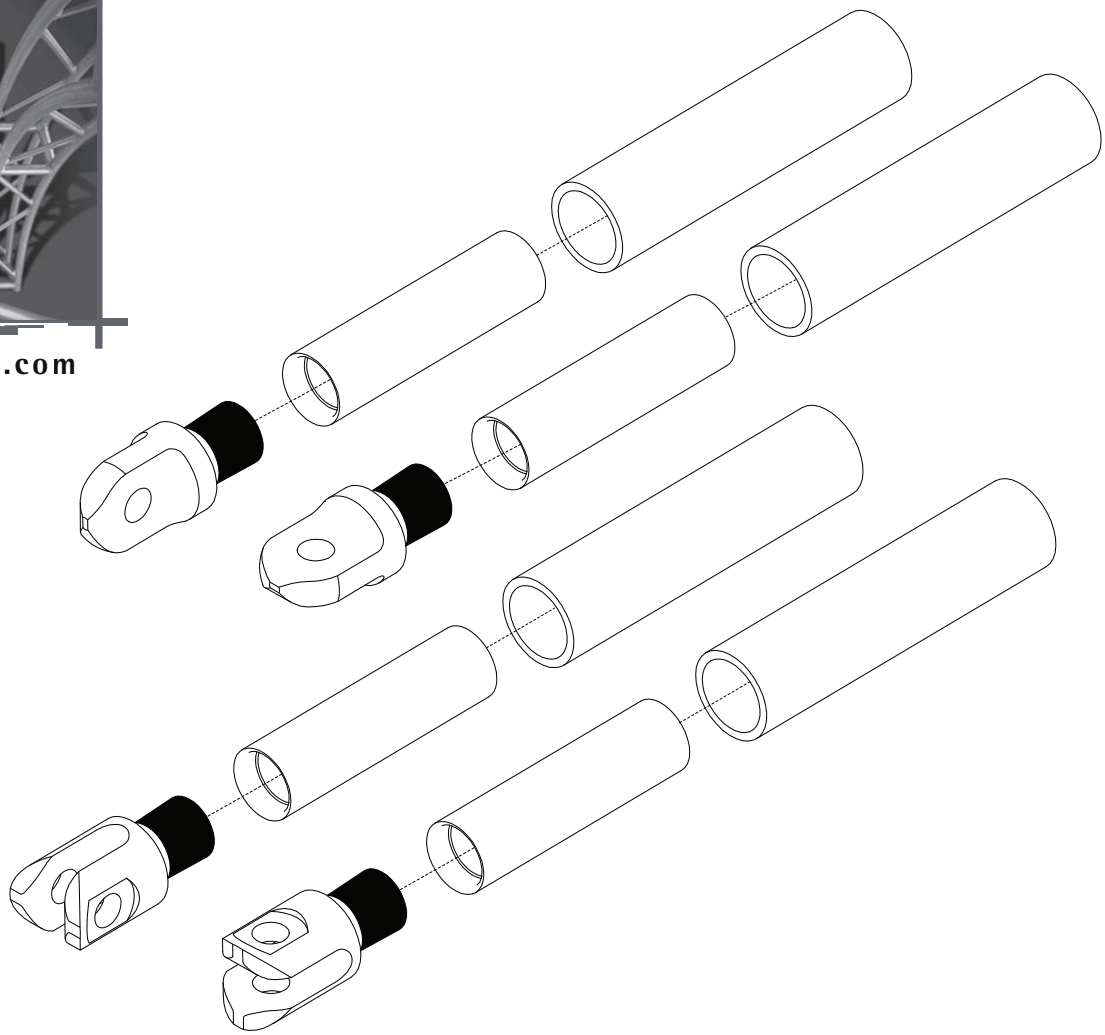
THREADED SPIGOTS ARE OPTIONAL



· Only available for 2″ main chords (TMB).
· Caution, the truss load data is different with this option.

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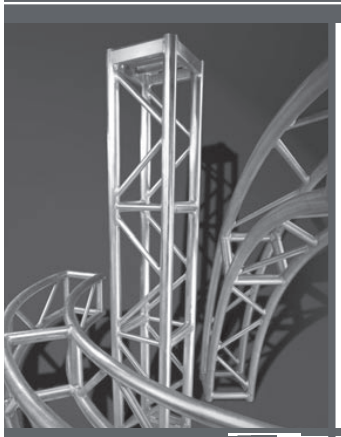
Mother Grid Seismic Series

3020 HEAVY DUTY TRUSS WITH THREADED SPIGOTS WITH WHEELS

TMB-3020-SSTW



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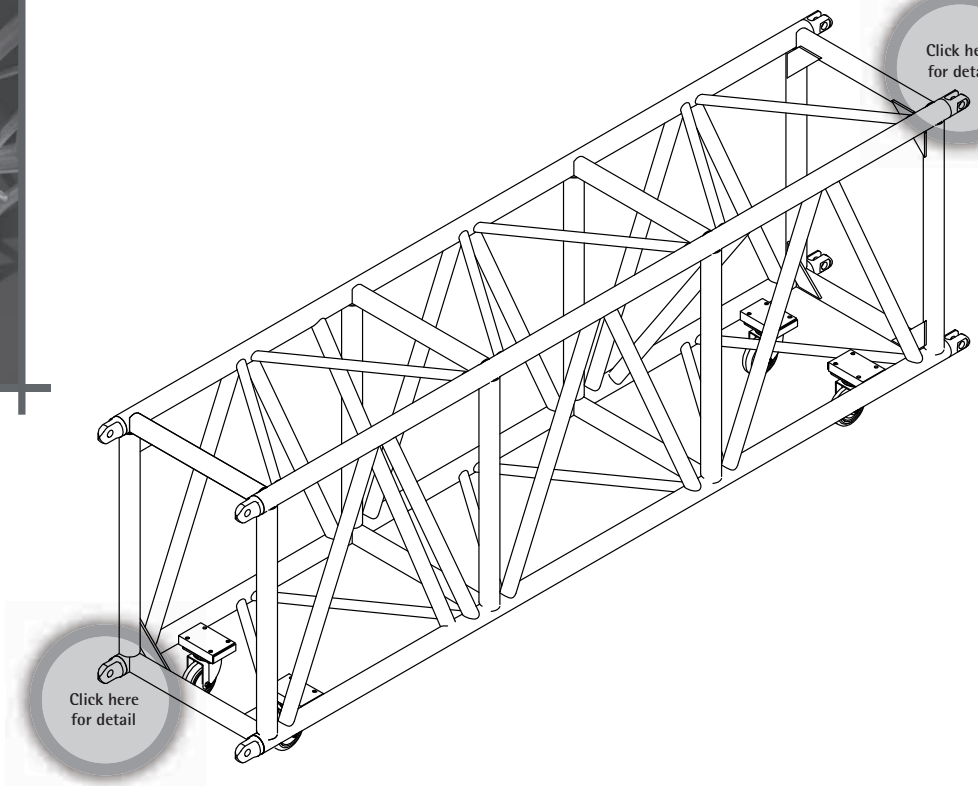

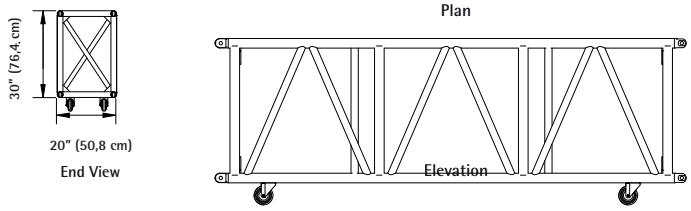

TMB Series

Main chords:	2.0" OD x 0.188"
Diagonals:	1.5" OD x 0.125" 1.0" OD x 0.125"
Material:	Aluminum 6061-T6 extrusions
Attachment:	Spigot and pin
Fabrication:	Fabricated by certified welders

CWB CERTIFIED

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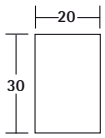
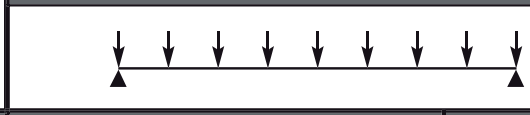
Mother Grid Seismic Series

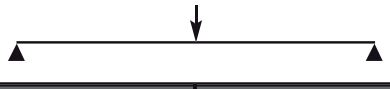
3020 HEAVY DUTY TRUSS WITH THREADED SPIGOTS WITH WEELS

TMB-3020-SSTW
STRONG WAY

ALLOWABLE LOAD DATA







Span		Uniformly distributed load				Deflexion		Concentrated load		Deflexion	
pi	*(m)*	lb/pi	*(kg/m)*	lb	*(kg)*	po	*(mm)*	lb	*(kg)*	po	*(mm)*
8	*(2.44)*	1250	*(1859)*	10000	*(4535)*	0.07	*(2)*	10000	*(4535)*	0.07	*(2)*
16	*(4.88)*	625	*(930)*	10000	*(4535)*	0.21	*(5)*	7000	*(3175)*	0.22	*(6)*
24	*(7.32)*	375	*(558)*	9000	*(4082)*	0.48	*(12)*	4500	*(2041)*	0.38	*(10)*
32	*(9.76)*	253	*(377)*	8100	*(3673)*	0.92	*(23)*	4000	*(1814)*	0.72	*(18)*
40	*(12.20)*	163	*(242)*	6500	*(2948)*	1.32	*(34)*	3100	*(1406)*	1.04	*(26)*
48	*(14.63)*	108	*(161)*	5200	*(2358)*	1.94	*(49)*	2500	*(1134)*	1.57	*(40)*
56	*(17.07)*	77	*(114)*	4300	*(1950)*	2.54	*(65)*	2100	*(952)*	2.12	*(54)*
64	*(19.51)*	55	*(81)*	3500	*(1587)*	3.25	*(83)*	1700	*(771)*	2.72	*(69)*
72	*(21.95)*	39	*(58)*	2800	*(1270)*	4.00	*(102)*	1400	*(635)*	3.50	*(89)*
80	*(24.39)*	29	*(43)*	2300	*(1043)*	5.00	*(127)*	1150	*(522)*	4.39	*(112)*

Notes

- [illegible]
- [illegible]
- [illegible]
- [illegible]
  [illegible]
[illegible]
[illegible]
[illegible]
- [illegible]
- [illegible]

TMB-3020-SST		
Main chords : 2,0" OD x 0,188" Diagonals : 1,5" OD x 0,125" 1,0" OD x 0,125"		
Description	**Item**	**Weight lb *(kg)***
8' - 30" x 20.5"	TMB-3020-096SST	133 *(60.3)*
4' - 30" x 20.5"	TMB-3020-048SST	88 *(39.9)*

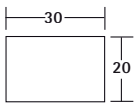
- Other lengths and accessories are available if requested.

Mother Grid Seismic Series

3020 HEAVY DUTY WITH THREADED SPIGOTS WITH WHEELS

TMB-3020-SSTW
WEAK WAY

ALLOWABLE LOAD DATA



Span		Uniformly distributed load						Concentrated load			
		Load				Deflexion		Load		Deflexion	
pi	*(m)*	lb/pi	*(kg/m)*	lb	*(kg)*	po	*(mm)*	lb	*(kg)*	po	*(mm)*
8	*(2.44)*	863	*(1283)*	6900	*(3129)*	0.08	*(2)*	6900	*(3129)*	0.08	*(2)*
16	*(4.88)*	419	*(623)*	6700	*(3039)*	0.27	*(7)*	4700	*(2132)*	0.28	*(7)*
24	*(7.32)*	271	*(403)*	6500	*(2948)*	0.73	*(19)*	3250	*(1474)*	0.55	*(14)*
32	*(9.76)*	166	*(246)*	5300	*(2404)*	1.33	*(34)*	2600	*(1179)*	1.04	*(26)*
40	*(12.20)*	103	*(152)*	4100	*(1859)*	1.92	*(49)*	2050	*(930)*	1.58	*(40)*
48	*(14.63)*	69	*(102)*	3300	*(1497)*	2.80	*(71)*	1650	*(748)*	2.38	*(60)*
56	*(17.07)*	46	*(69)*	2600	*(1179)*	3.79	*(96)*	1300	*(590)*	3.26	*(83)*
64	*(19.51)*	31	*(46)*	2000	*(907)*	4.93	*(125)*	1000	*(454)*	4.31	*(109)*
72	*(21.95)*	21	*(31)*	1500	*(680)*	6.14	*(156)*	750	*(340)*	5.54	*(141)*
80	*(24.39)*	14	*(20)*	1100	*(499)*	7.47	*(190)*	550	*(249)*	6.78	*(172)*

Notes

- [illegible]
- [illegible]
- [illegible]
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[illegible]

[illegible]

- [illegible]

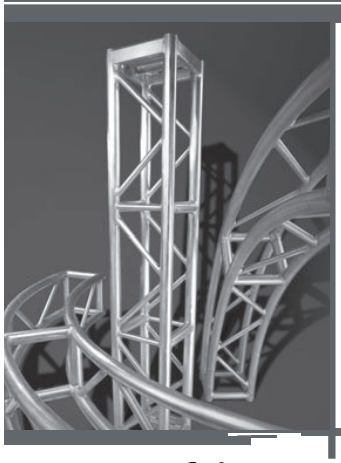
TMB-3020-SST		
Main chords : 2.0" OD x 0.188" Diagonals : 1.5" OD x 0.125" 1.0" OD x 0.125"		
Description	**Item**	**Weight lb *(kg)***
8' - 30" x 20.5"	TMB-3020-096SST	133 *(60.3)*
4' - 30" x 20.5"	TMB-3020-048SST	88 *(39.9)*

- Other lengths and accessories are available if requested.

Mother Grid Seismic Series

3020 HEAVY DUTY TRUSS THREADED SPIGOTS WITH WHEELS

TMB-3020-SSTW



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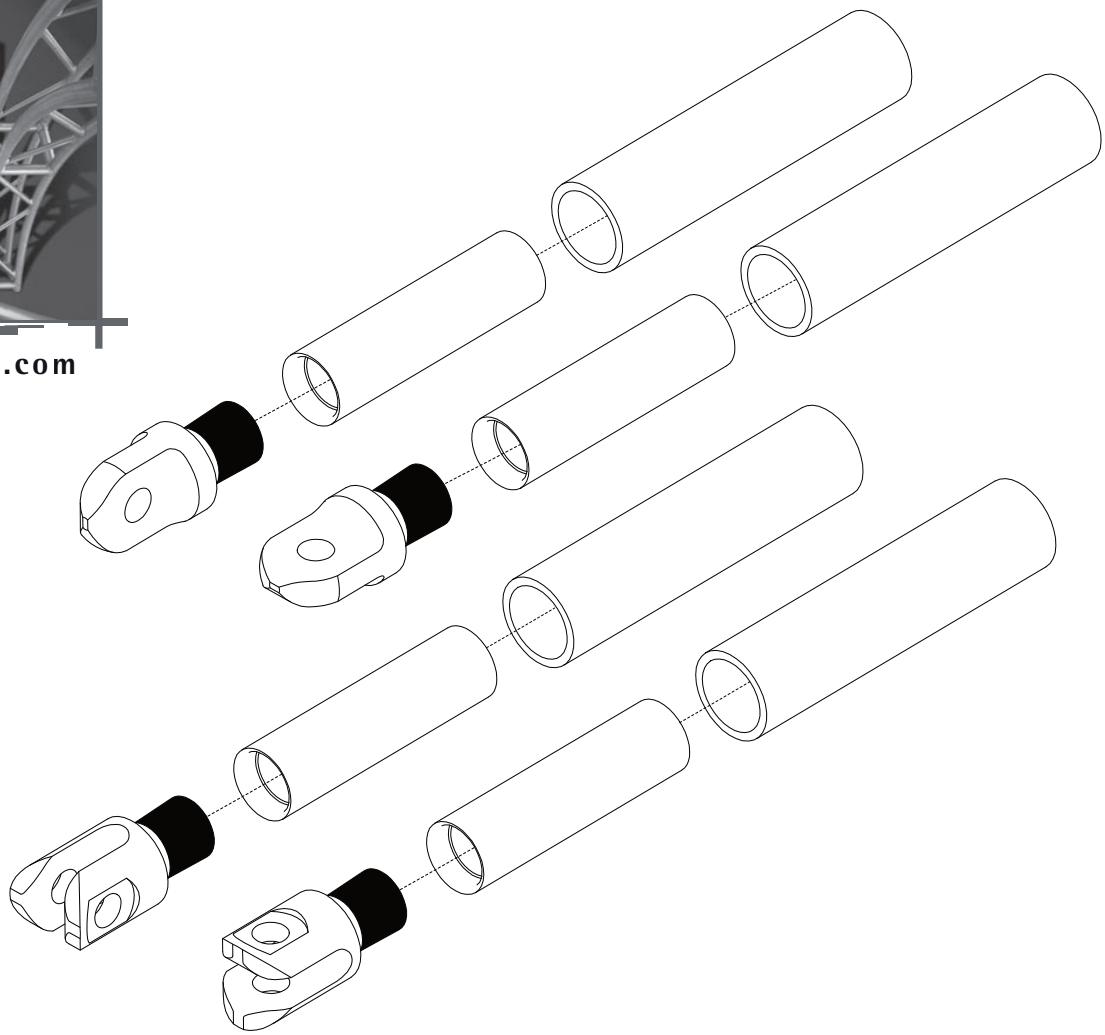
THREADED SPIGOTS ARE OPTIONAL



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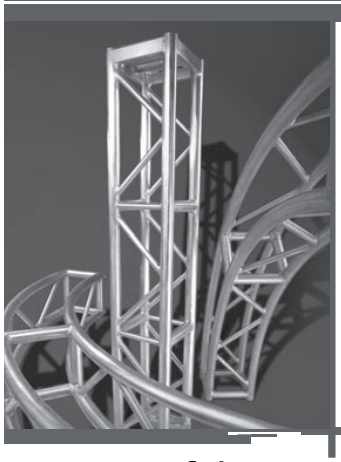
Channel Series

3020 HEAVY DUTY TRUSS SPIGOTED

TCB-3020-S
TCD-3020-S



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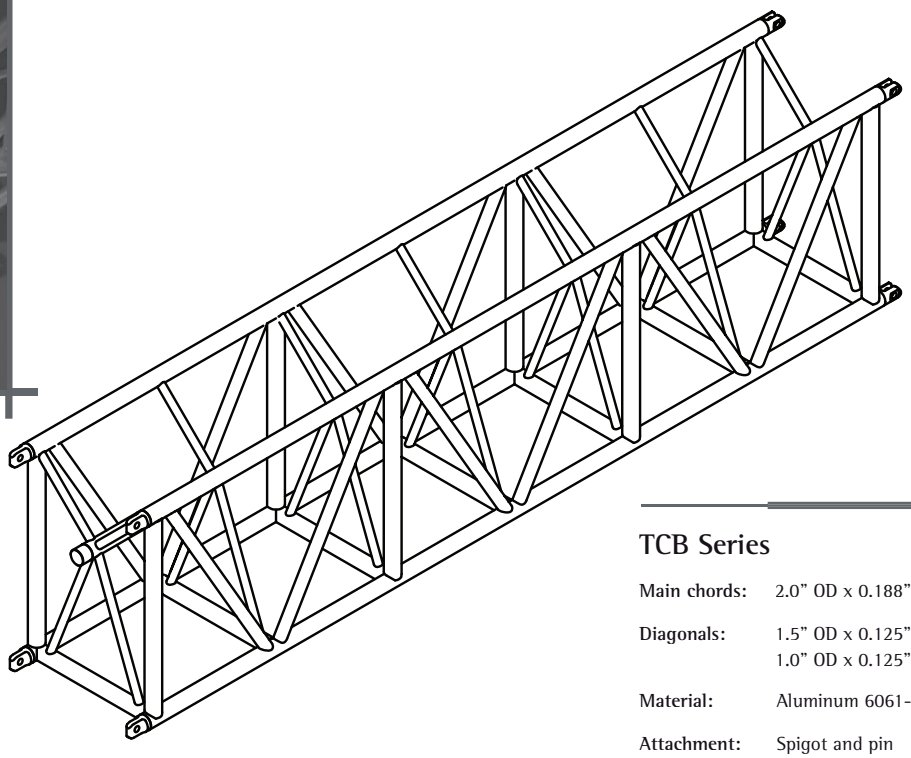

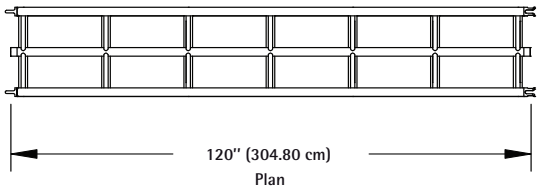

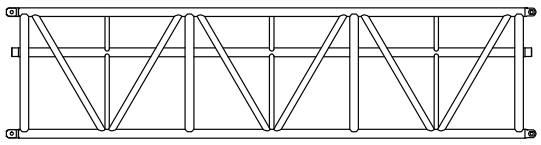

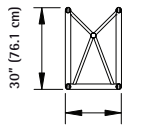

TCB Series

Main chords:	2.0" OD x 0.188"
Diagonals:	1.5" OD x 0.125" 1.0" OD x 0.125"
Material:	Aluminum 6061-T6 extrusions
Attachment:	Spigot and pin
Fabrication:	Fabricated by certified welders

TCD Series (option)

Main chords:	1.9" OD x 0.200"
Diagonals:	1.5" OD x 0.125" 1.0" OD x 0.125"
Material:	Aluminum 6061-T6 extrusions
Attachment:	Spigot and pin
Fabrication:	Fabricated by certified welders

For installation of "Channel" type truss please refer to page G4.

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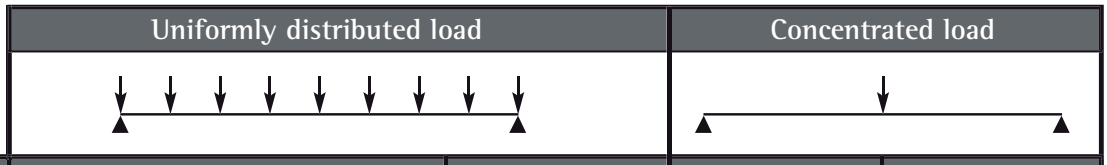
ALLOWABLE LOAD DATA



Span		Uniformly distributed load: Load				Uniformly distributed load: Deflexion		Concentrated load: Load		Concentrated load: Deflexion	
pi	*(m)*	lb/pi	*(kg/m)*	lb	*(kg)*	po	*(mm)*	lb	*(kg)*	po	*(mm)*
10	*(3.05)*	1070,0	*(1591.7)*	10700	*(4853)*	0,10	*(2.5)*	10000	*(4535)*	0,14	*(3.6)*
20	*(6.10)*	500,0	*(743.8)*	10000	*(4535)*	0,37	*(9.4)*	6600	*(2993)*	0,36	*(9.1)*
30	*(9.15)*	296,7	*(441.3)*	8900	*(4036)*	0,88	*(22.4)*	4700	*(2132)*	1,73	*(43.9)*
40	*(12.20)*	187,5	*(278.9)*	7500	*(3401)*	1,55	*(39.4)*	3700	*(1678)*	1,26	*(32.0)*
50	*(15.24)*	116,0	*(172.6)*	5800	*(2630)*	2,40	*(61.0)*	2800	*(1270)*	1,90	*(48.3)*
60	*(18.29)*	76,7	*(114.0)*	4600	*(2086)*	3,35	*(85.1)*	2200	*(998)*	2,80	*(71.1)*

Notes

- Data presented in this chart apply to trusses built after January 2002.
- Trusses must be loaded symetrically on each side.
- All loads must be applied at, or as close as possible to, node points (see section General).
- Deflexions are based on the rigidity of the trusses and do not include possible movement between trusses due to attachment tolerance.
- Data are valid for inside use only.
- Data are only valid for static loads and spans with two supporting points (span must be supported at each end). If dynamic loads or more supporting points are applied, contact a professional engineer or Arcofab.

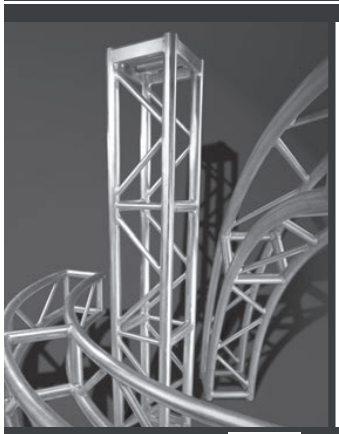
TCB-3020-S				TCD-3020-S (option)	
Main chords : 2.0" OD x 0.188" Diagonals : 1.0" OD x 0.125"				Main chords : 1.9" OD x 0.200" Diagonals : 1.0" OD x 0.125"	
Item	Weight lb *(kg)*		◄ Description ►	Item	Weight lb *(kg)*	
TCB-3020-120S	143	*(64.9)*	10' - 30" x 20.5"	TCD-3020-120S	143	*(64.9)*
TCB-3020-096S	130	*(59.0)*	8' - 30" x 20.5"	TCD-3020-096S	130	*(59.0)*
TCB-3020-060S	96	*(43.5)*	5' - 30" x 20.5"	TCD-3020-060S	96	*(43.5)*
TCB-3020-048S	79	*(35.8)*	4' - 30" x 20.5"	TCD-3020-048S	79	*(35.8)*

- Other lengths and accessories are available if requested.

Mother Grid Series

3024 HEAVY DUTY TRUSS PLATED WITH WHEELS

TMA-3024-BW
TMC-3024-BW



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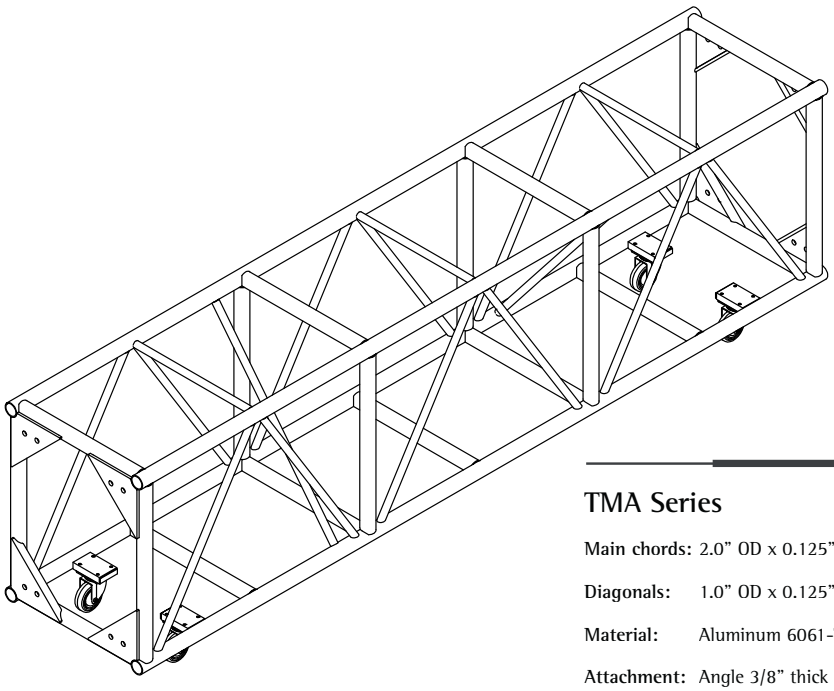


TMA Series

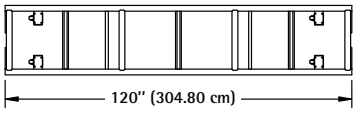
Main chords: 2.0" OD x 0.125"

Diagonals: 1.0" OD x 0.125"

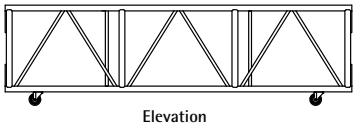
Material: Aluminum 6061-T6 extrusions

Attachment: Angle 3/8" thick
Bolts Ø5/8" Grade 8

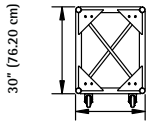
Fabrication: Fabricated by certified welders



Plan



Elevation



24" (60.96 cm)
End view

TMC Series (option)

Main chords: 1.9" OD x 0.145"

Diagonals: 1.0" OD x 0.125"

Material: Aluminum 6061-T6 extrusions

Attachment: Angle 3/8" thick
Bolts Ø5/8" Grade 8

Fabrication: Fabricated by certified welders

CWB CERTIFIED

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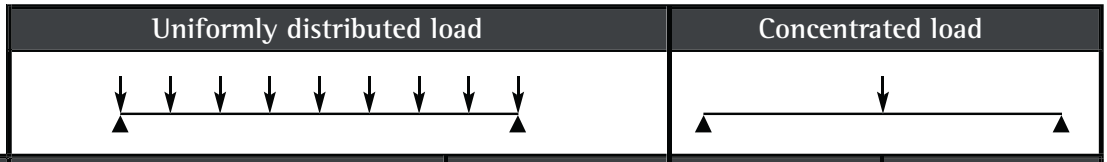
Mother Grid Series

3024 HEAVY DUTY TRUSS PLATED WITH WHEELS

TMA-3024-BW
TMC-3024-BW

ALLOWABLE LOAD DATA



Span		Uniformly distributed load						Concentrated load			
		Load				Deflexion		Load		Deflexion	
ft	*(m)*	lb/ft	*(kg/m)*	lb	*(kg)*	in	*(mm)*	lb	*(kg)*	in	*(mm)*
10	*(3.05)*	500	*(744)*	5000	*(2268)*	0.07	*(1.8)*	4500	*(2041)*	0.09	*(2.3)*
20	*(6.10)*	245	*(364)*	4900	*(2222)*	0.25	*(6.4)*	4000	*(1814)*	0.31	*(7.9)*
30	*(9.15)*	157	*(233)*	4700	*(2132)*	0.66	*(16.8)*	2850	*(1293)*	0.66	*(16.8)*
40	*(12.20)*	100	*(149)*	4000	*(1814)*	1.22	*(31.0)*	2000	*(907)*	1.05	*(26.7)*
50	*(15.24)*	62	*(92)*	3100	*(1406)*	1.81	*(46.0)*	1550	*(703)*	1.75	*(44.5)*
60	*(18.29)*	40	*(60)*	2400	*(1088)*	2.38	*(60.5)*	1200	*(544)*	2.10	*(53.3)*

Notes

- Data presented in this chart apply to trusses built after January 2002.
- Trusses must be loaded symmetrically on each side.
- All loads must be applied at, or as close as possible to, node points (see General Section).
- Deflexions are based on the rigidity of the trusses and do not include possible movement between trusses due to attachment tolerance.
- Data are valid for inside use only.
- Data are only valid for static loads and spans with two supporting points (span must be supported at each end). If dynamic loads or more supporting points are applied, contact a professional engineer or Arcofab.

TMA-3024-B Main chords: 2.0" OD x 0.125" Diagonals: 1.0" OD x 0.125"				TMC-3024-B (option) Main chords: 1.9" OD x 0.145" Diagonals: 1.0" OD x 0.125"		
Item	Weight lb *(kg)*		◄ Description ►	Item	Weight lb *(kg)*	
TMA-3024-120B	100	*(45.4)*	10' - 30"x24"	TMC-3024-120B	105	*(47.6)*
TMA-3024-096B	92	*(41.7)*	8' - 30"x24"	TMC-3024-096B	96	*(43.5)*
TMA-3024-060B	72	*(32.7)*	5' - 30"x24"	TMC-3024-060B	75	*(34.0)*
TMA-3024-048B	67	*(30.4)*	4' - 30"x24"	TMC-3024-048B	69	*(31.3)*
CEA-3024-690B	71	*(32.2)*	6-WAY CORNER**	CEC-3024-690B	72	*(32.7)*

- Other lengths and accessories are available if requested.

** When corners are loaded on two adjacent ways, reduce de capacity of the trusses to 50%

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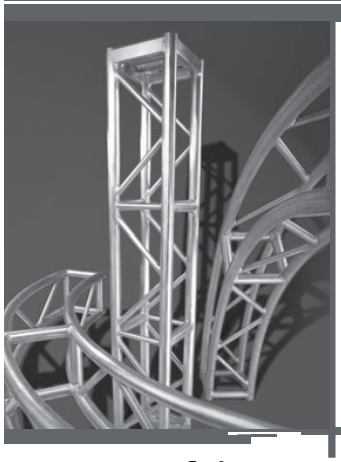
TRUSS • SUPPORT SYSTEMS • STAGING

Mother Grid Series

3024 HEAVY DUTY TRUSS SPIGOTED

TMB-3024-S
TMD-3024-S



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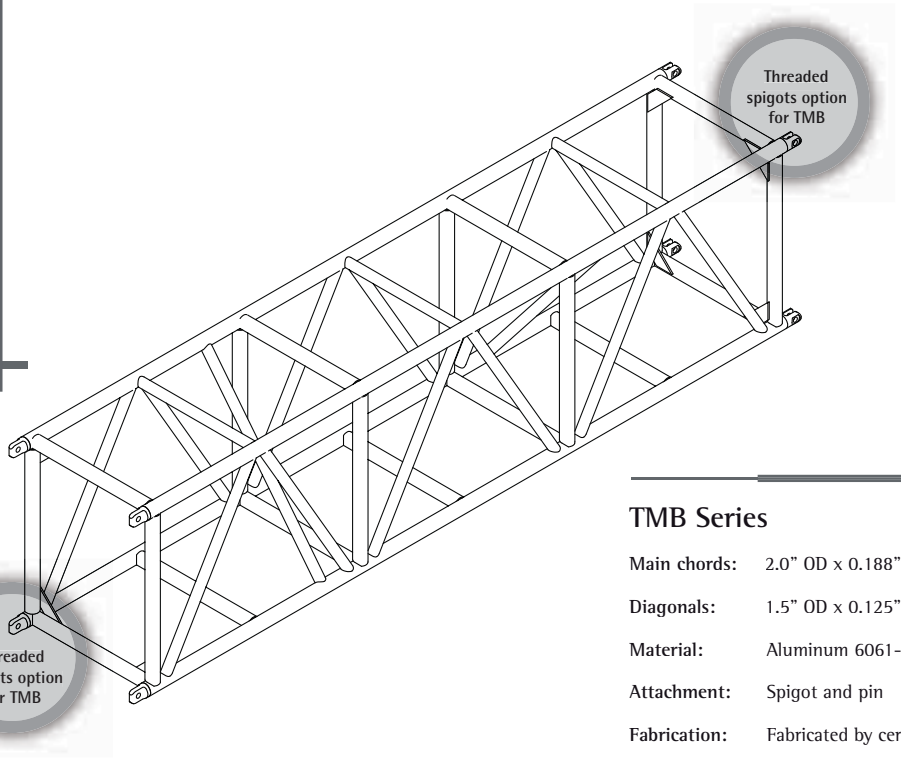

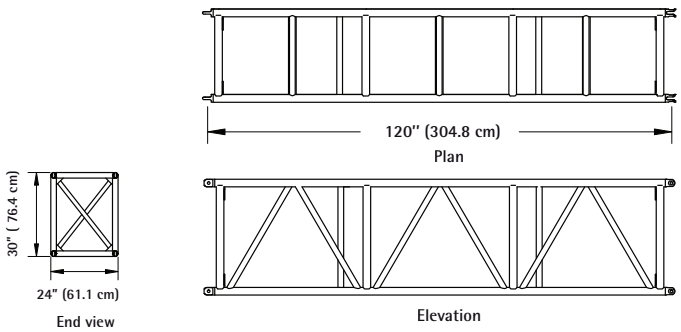

TMB Series

Main chords:	2.0" OD x 0.188"
Diagonals:	1.5" OD x 0.125"
Material:	Aluminum 6061-T6 extrusions
Attachment:	Spigot and pin
Fabrication:	Fabricated by certified welders

TMD Series (option)

Main chords:	1.9" OD x 0.200"
Diagonals:	1.5" OD x 0.125"
Material:	Aluminum 6061-T6 extrusions
Attachment:	Spigot and pin
Fabrication:	Fabricated by certified welders

CWB CERTIFIED

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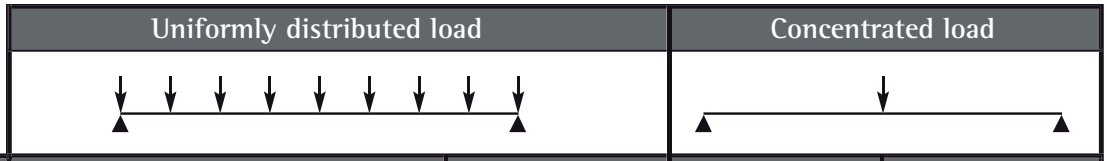
Mother Grid Series

3024 HEAVY DUTY TRUSS SPIGOTED

TMB-3024-S
TMD-3024-S

ALLOWABLE LOAD DATA



Span		Uniformly distributed load: Load				Uniformly distributed load: Deflexion		Concentrated load: Load		Concentrated load: Deflexion	
pi	*(m)*	lb/pi	*(kg/m)*	lb	*(kg)*	po	*(mm)*	lb	*(kg)*	po	*(mm)*
10	*(3.05)*	1210	*(1800)*	12100	*(5488)*	0.10	*(3)*	10800	*(4898)*	0.14	*(4)*
20	*(6.10)*	600	*(893)*	12000	*(5442)*	0.37	*(9)*	7400	*(3356)*	0.37	*(9)*
30	*(9.15)*	300	*(446)*	9000	*(4082)*	0.80	*(20)*	4850	*(2200)*	0.71	*(18)*
40	*(12.20)*	190	*(283)*	7600	*(3447)*	1.46	*(37)*	3800	*(1723)*	1.24	*(31)*
50	*(15.24)*	120	*(179)*	6000	*(2721)*	2.27	*(58)*	3000	*(1361)*	1.90	*(48)*
60	*(18.29)*	80	*(119)*	4800	*(2177)*	3.22	*(82)*	2400	*(1088)*	2.80	*(71)*
70	*(21.34)*	56	*(83)*	3900	*(1769)*	4.55	*(116)*	1950	*(884)*	3.77	*(96)*
80	*(24.39)*	40	*(60)*	3200	*(1451)*	6.00	*(152)*	1600	*(726)*	5.03	*(128)*

Notes

- Data presented in this chart apply to trusses built after January 2002
- Trusses must be loaded symmetrically on each side.
- All loads must be applied at, or as close as possible to, node points (see section General)
- Deflexions are based on the rigidity of the trusses and do not include possible movement between trusses due to attachment tolerance.
- Data are valid for inside use only.
- Data are only valid for static loads and spans with two supporting points (span must be supported at each end). If dynamic loads or more supporting points are applied, contact a professional engineer or Arcofab.
- For span exceeding 60' (18m) lateral support may be required

TMB-3024-S

Main chords : 2.0" OD x 0.188"
Diagonals : 1.5" OD x 0.125"
1.0" OD x 0.125"

TMD-3024-S (option)

Main chords : 1.9" OD x 0.200"
Diagonals : 1.5" OD x 0.125"
1.0" OD x 0.125"

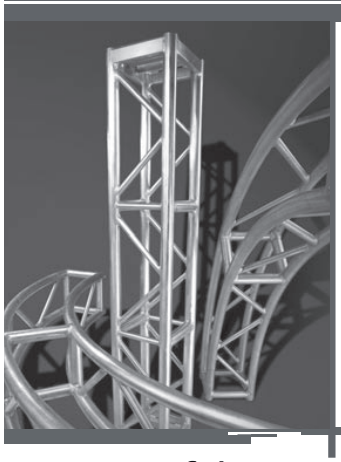
Item	Weight lb *(kg)*	◄ Description ►	Item	Weight lb *(kg)*
TMB-3024-120S	135 *(61.2)*	10' - 30" x 24"	TMD-3024-120S	133 *(60.3)*
TMB-3024-096S	124 *(56.2)*	8' - 30" x 24"	TMD-3024-096S	122 *(55.3)*
TMB-3024-060S	93 *(42.2)*	5' - 30" x 24"	TMD-3024-060S	91 *(41.3)*
TMB-3024-048S	78 *(35.4)*	4' - 30" x 24"	TMD-3024-048S	76 *(34.5)*

- Other lengths and accessories are available if requested.

Mother Grid Series

3024 HEAVY DUTY TRUSS SPIGOTED

TMB-3024-S
TMD-3024-S



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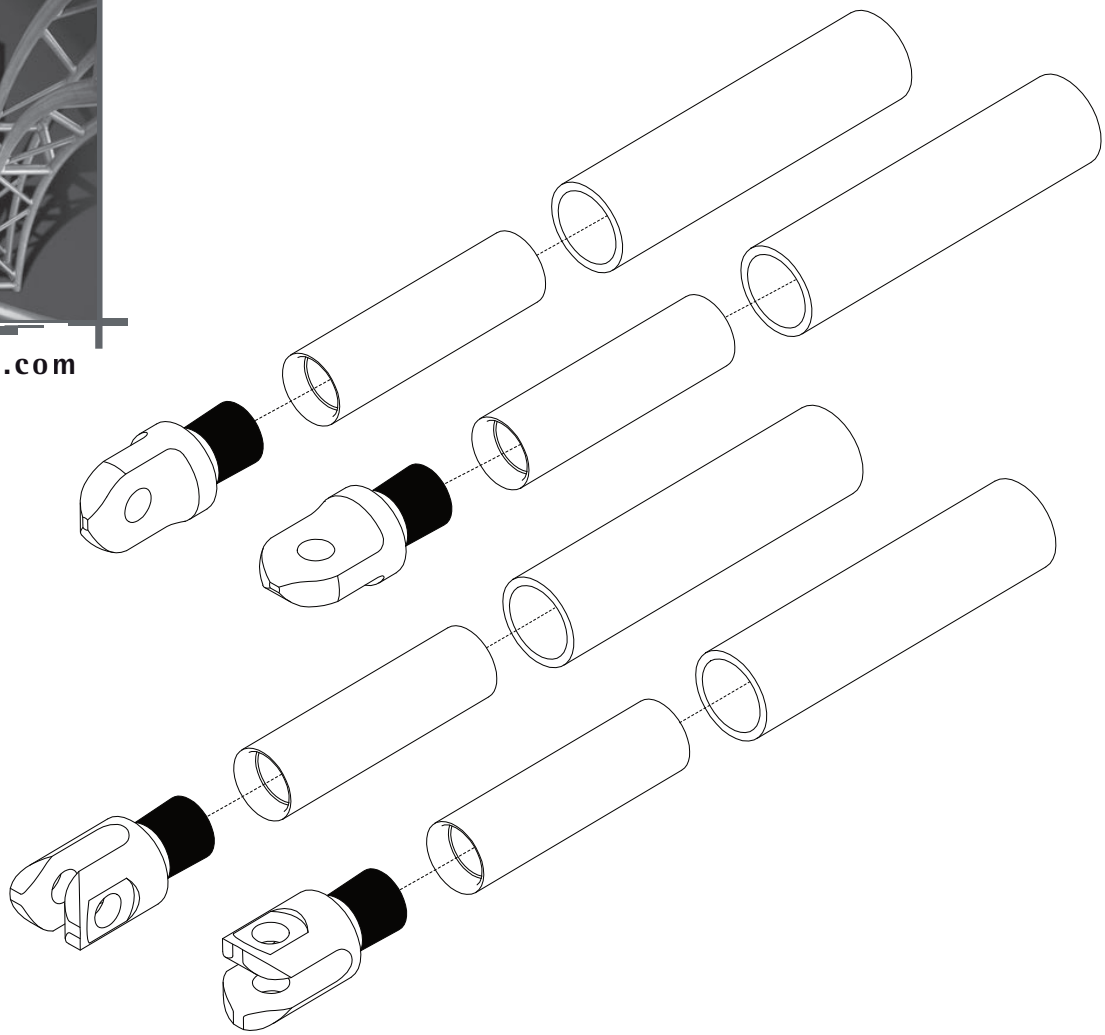
THREADED SPIGOTS ARE OPTIONAL



. Only available for 2″ main chords (TMB).
· Caution, the truss load data is different with this option.

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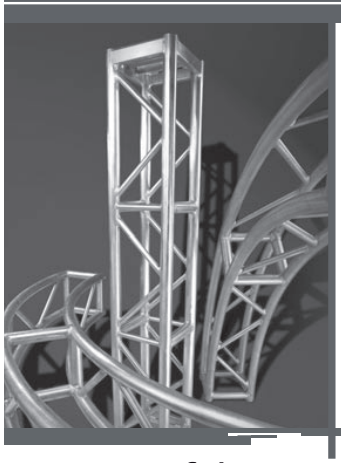
Mother Grid Seismic Series

3024 HEAVY DUTY TRUSS SPIGOTED WITH WHEELS

TME-3024-SSW



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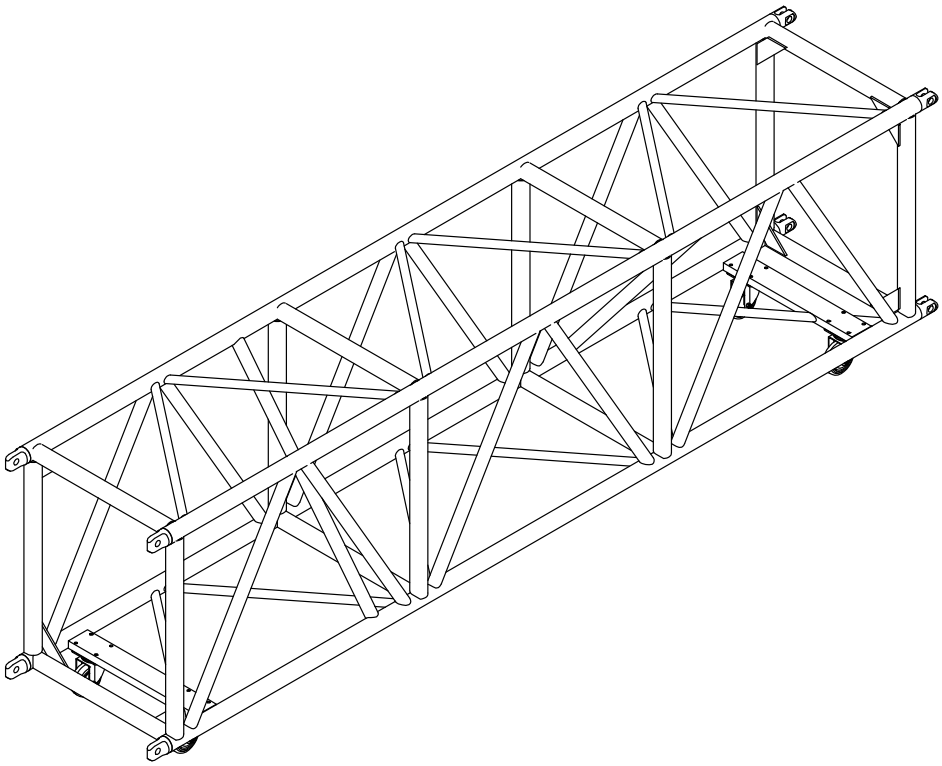

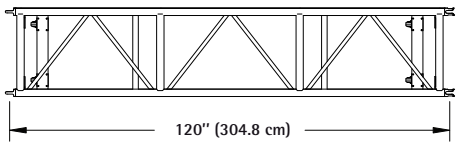

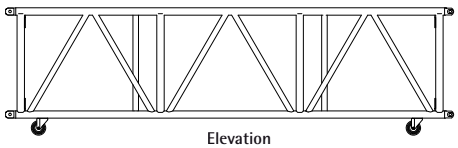

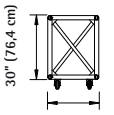

TME Series

Main chords:	2.0" OD x 0.250"
Diagonals:	1.5" OD x 0.125" 1.0" OD x 0.125"
Material:	Aluminum 6061-T6 extrusions
Attachment:	Spigot and pin
Fabrication:	Fabricated by certified welders

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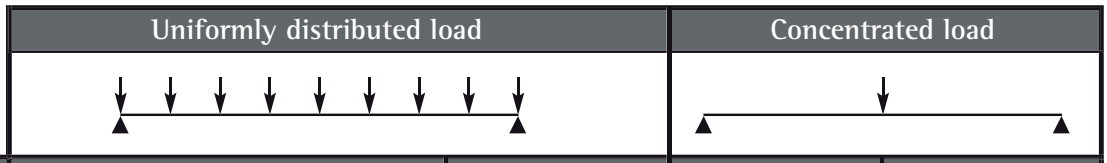
Mother Grid Seismic Series

3024 HEAVY DUTY TRUSS SPIGOTED WITH WHEELS

TME-3024-SSW

ALLOWABLE LOAD DATA



Span		Uniformly distributed load				Deflexion		Concentrated load		Deflexion	
pi	*(m)*	lb/pi	*(kg/m)*	lb	*(kg)*	po	*(mm)*	lb	*(kg)*	po	*(mm)*
10	*(3.05)*	1000	*(1488)*	10000	*(4535)*	0.09	*(2)*	9000	*(4082)*	0.12	*(3)*
20	*(6.10)*	475	*(707)*	9500	*(4308)*	0.29	*(7)*	7600	*(3447)*	0.34	*(9)*
30	*(9.15)*	297	*(441)*	8900	*(4036)*	0.71	*(18)*	5200	*(2358)*	0.65	*(17)*
40	*(12.20)*	200	*(298)*	8000	*(3628)*	1.39	*(35)*	4000	*(1814)*	1.10	*(28)*
50	*(15.24)*	126	*(187)*	6300	*(2857)*	2.05	*(52)*	3100	*(1406)*	1.67	*(42)*
60	*(18.29)*	83	*(124)*	5000	*(2268)*	2.86	*(73)*	2500	*(1134)*	2.42	*(61)*
70	*(21.34)*	57	*(85)*	4000	*(1814)*	3.88	*(99)*	2000	*(907)*	3.31	*(84)*
80	*(24,39)*	40	*(60)*	3200	*(1451)*	5.04	*(128)*	1600	*(726)*	4.38	*(111)*

Notes

- Trusses must be loaded symmetrically on each side.
- All loads must be applied at, or as close as possible to, node points (see section General).
- Deflexions are based on the rigidity of the trusses and do not include possible movement between trusses due to attachment tolerance.
- Data are valid for inside use only.
- Data are only valid for static loads and spans with two supporting points (span must be supported at each end). If dynamic loads or more supporting points are applied, contact a professional engineer or Arcofab.
- For span exceeding 60' (18,3m) lateral support may be required.

TME-3024-SSW

Main chords : 2,0" OD x 0,25"
Diagonals : 1,5" OD x 0,125"
1,0" OD x 0,125"

Description	Item	Weight lb *(kg)*
10' - 30" x 24"	TME-3024-120SSW	162 *(73.5)*

- Other lengths and accessories are available if requested.

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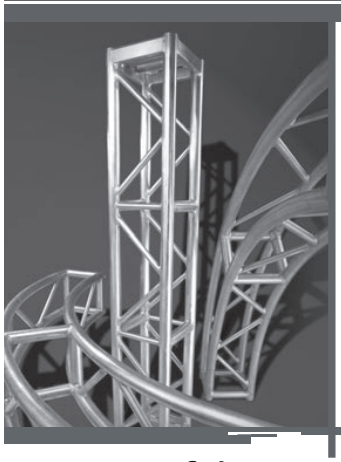
TRUSS • SUPPORT SYSTEMS • STAGING

Channel Series

3024 HEAVY DUTY TRUSS SPIGOTED

TCB-3024-S
TCD-3024-S



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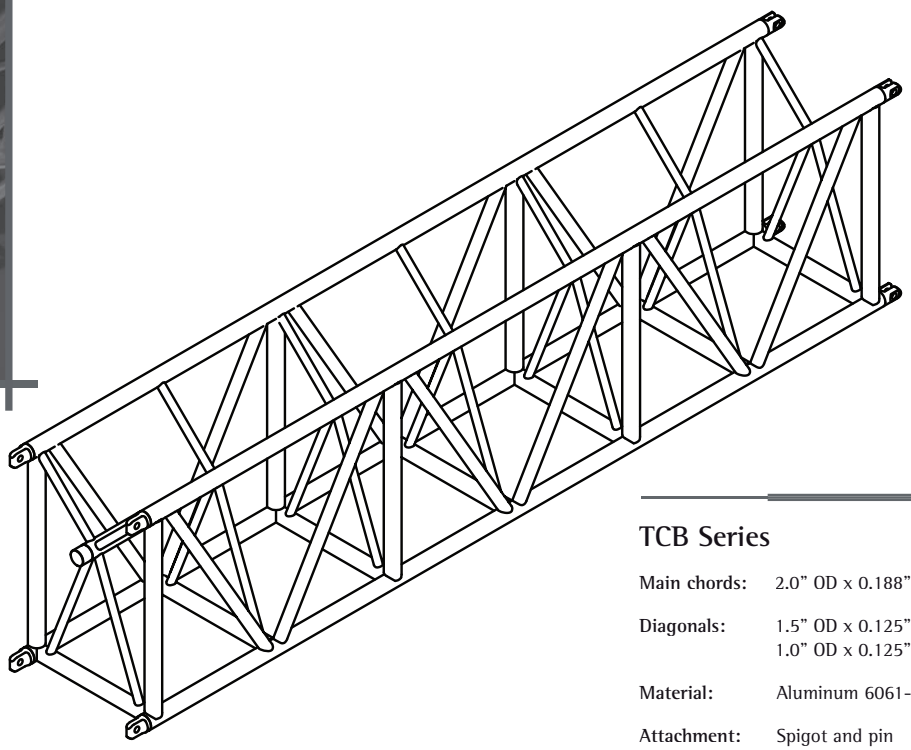
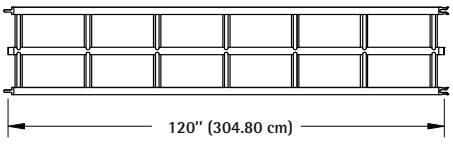
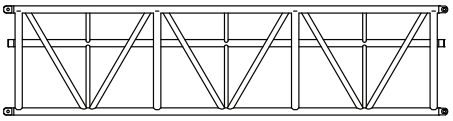
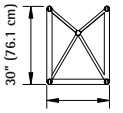




Plan



Elevation



End View

TCB Series

Main chords:	2.0" OD x 0.188"
Diagonals:	1.5" OD x 0.125" 1.0" OD x 0.125"
Material:	Aluminum 6061-T6 extrusions
Attachment:	Spigot and pin
Fabrication:	Fabricated by certified welders

TCD Series (option)

Main chords:	1.9" OD x 0.200"
Diagonals:	1.5" OD x 0.125" 1.0" OD x 0.125"
Material:	Aluminum 6061-T6 extrusions
Attachment:	Spigot and pin
Fabrication:	Fabricated by certified welders

For installation of "Channel" type truss please refer to page G4.

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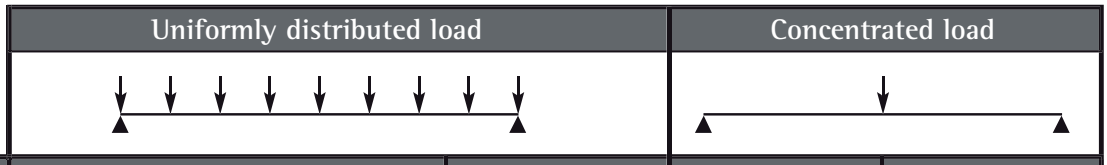
ALLOWABLE LOAD DATA



Span		Uniformly distributed load: Load				Uniformly distributed load: Deflexion		Concentrated load: Load		Concentrated load: Deflexion	
pi	*(m)*	lb/pi	*(kg/m)*	lb	*(kg)*	po	*(mm)*	lb	*(kg)*	po	*(mm)*
10	*(3.05)*	1070.0	*(1591.7)*	10700	*(4853)*	0.10	*(2.5)*	10000	*(4535)*	0.14	*(3.6)*
20	*(6.10)*	500.0	*(743.8)*	10000	*(4535)*	0.37	*(9.4)*	6600	*(2993)*	0.36	*(9.1)*
30	*(9.15)*	296.7	*(441.3)*	8900	*(4036)*	0.88	*(22.4)*	4700	*(2132)*	1.73	*(43.9)*
40	*(12.20)*	187.5	*(278.9)*	7500	*(3401)*	1.55	*(39.4)*	3700	*(1678)*	1.26	*(32.0)*
50	*(15.24)*	116.0	*(172.6)*	5800	*(2630)*	2.40	*(61.0)*	2800	*(1270)*	1.90	*(48.3)*
60	*(18.29)*	76.7	*(114.0)*	4600	*(2086)*	3.35	*(85.1)*	2200	*(998)*	2.80	*(71.1)*

Notes

- Data presented in this chart apply to trusses built after January 2002.
- Trusses must be loaded symetrically on each side.
- All loads must be applied at, or as close as possible to, node points (see section General).
- Deflexions are based on the rigidity of the trusses and do not include possible movement between trusses due to attachment tolerance.
- Data are valid for inside use only.
- Data are only valid for static loads and spans with two supporting points (span must be supported at each end). If dynamic loads or more supporting points are applied, contact a professional engineer or Arcofab.

TCB-3024-S				TCD-3024-S (option)	
Main chords : 2.0" OD x 0.188" Diagonals : 1.0" OD x 0.125"				Main chords : 1.9" OD x 0.200" Diagonals : 1.0" OD x 0.125"	
Item	Weight lb *(kg)*		◄ Description ►	Item	Weight lb *(kg)*	
TCB-3024-120S	146	*(66.2)*	10' - 30" x 24"	TCD-3024-120S	146	*(66.2)*
TCB-3024-096S	133	*(60.3)*	8' - 30" x 24"	TCD-3024-096S	133	*(60.3)*
TCB-3024-060S	98	*(44.5)*	5' - 30" x 24"	TCD-3024-060S	98	*(44.5)*
TCB-3024-048S	80	*(36.3)*	4' - 30" x 24"	TCD-3024-048S	80	*(36.3)*

- Other lengths and accessories are available if requested.

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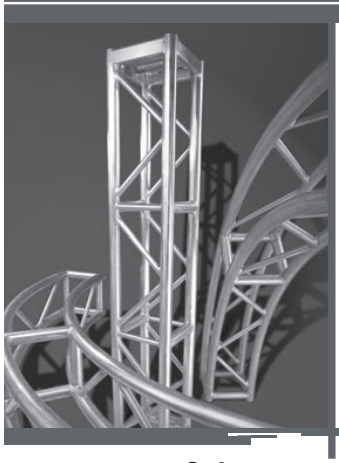
TRUSS • SUPPORT SYSTEMS • STAGING

Mother Grid Series

3624 HEAVY DUTY TRUSS SPIGOTED

TMF-3624-S



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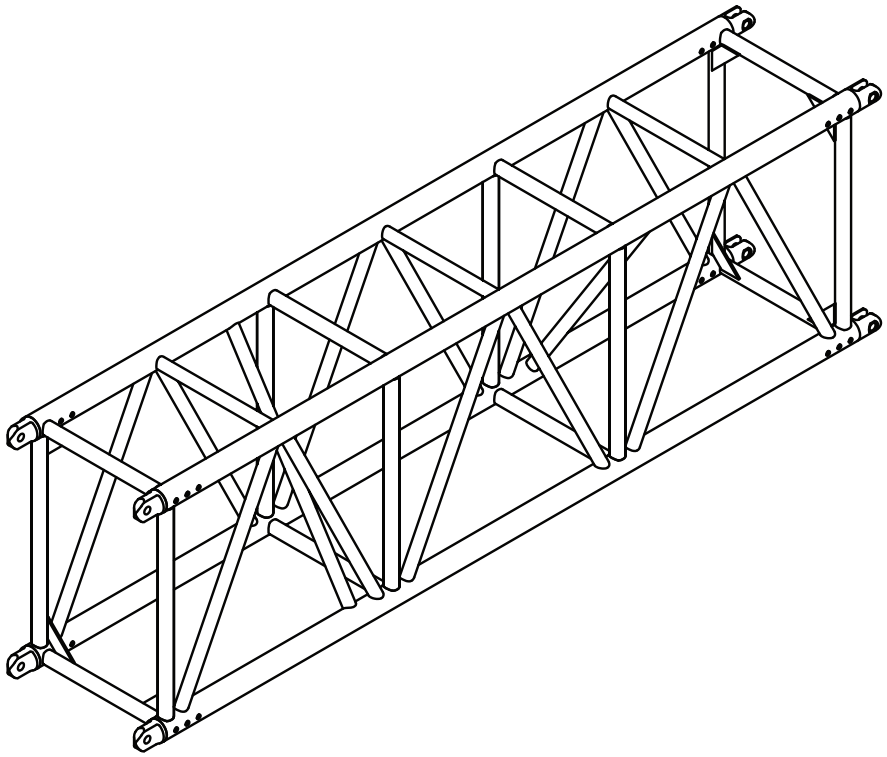
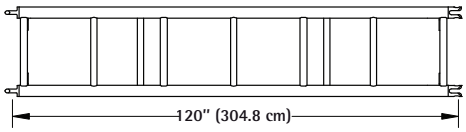
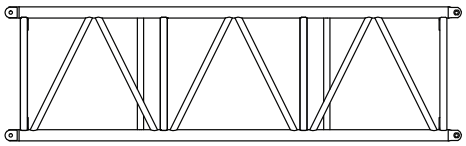
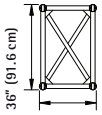




Plan



Elevation



End view

TMF Series

Main chords:	3.0" OD x 0.250"
Diagonals:	1.66" OD x 0.140"
Material:	Aluminum 6061-T6 extrusions
Attachment:	Spigot and pin
Fabrication:	Fabricated by certified welders

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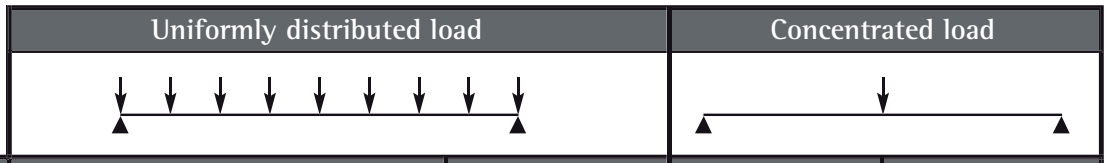
Mother Grid Series

3624 HEAVY DUTY TRUSS SPIGOTED

TMF-3624-S

ALLOWABLE
LOAD DATA



Span		Load				Deflexion		Load		Deflexion	
pi	*(m)*	lb/pi	*(kg/m)*	lb	*(kg)*	po	*(mm)*	lb	*(kg)*	po	*(mm)*
10	*(3.05)*	1340	*(1993)*	13400	*(6077)*	0.10	*(3)*	13400	*(6077)*	0.20	*(5)*
20	*(6.10)*	670	*(997)*	13400	*(6077)*	0.23	*(6)*	13400	*(6077)*	0.35	*(9)*
30	*(9.15)*	447	*(664)*	13400	*(6077)*	0.54	*(14)*	10000	*(4535)*	0.64	*(16)*
40	*(12.20)*	325	*(483)*	13000	*(5896)*	1.07	*(27)*	8700	*(3946)*	1.13	*(29)*
50	*(15.24)*	256	*(381)*	12800	*(5805)*	1.94	*(49)*	6400	*(2902)*	1.55	*(39)*
60	*(18.29)*	180	*(268)*	10800	*(4898)*	2.77	*(70)*	5400	*(2449)*	2.25	*(57)*

Notes

- Data presented in this chart apply to trusses built after January 2002.
- Trusses must be loaded symmetrically on each side.
- All loads must be applied at, or as close as possible to, node points (see section General).
- Deflexions are based on the rigidity of the trusses and do not include possible movement between trusses due to attachment tolerance.
- Data are valid for inside use only.
- Data are only valid for static loads and spans with two supporting points (span must be supported at each end). If dynamic loads or more supporting points are applied, contact a professional engineer or Arcofab.

TMF-3624-S

Main chords : 3.0" OD x 0.25"
Diagonals : 1.66" OD x 0.140"

Description	Item	Weight lb *(kg)*	
10' - 36" x 24"	TMF-3624-120S	250	*(113.4)*
8' - 36" x 24"	TMF-3624-096S	233	*(105.7)*
5' - 36" x 24"	TMF-3624-060S	164	*(74.4)*
4' - 36" x 24"	TMF-3624-048S	153	*(69.4)*

- Other lengths and accessories are available if requested.

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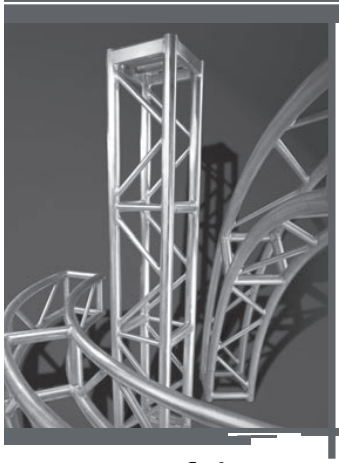
TRUSS • SUPPORT SYSTEMS • STAGING

Pre-Rigged Series

3630 HEAVY DUTY TRUSS SPIGOTED WITH WHEELS

TPB-3630-SW



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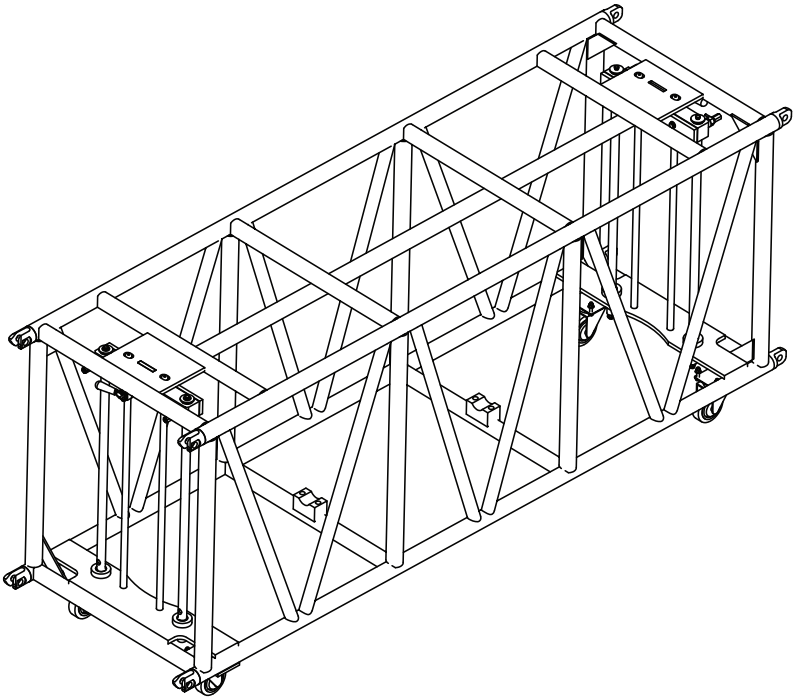
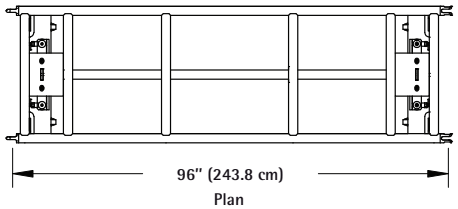
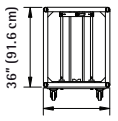
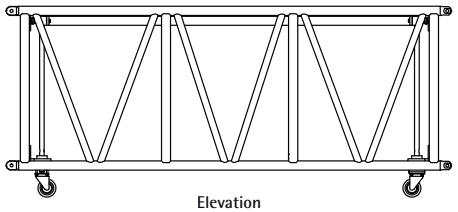




Plan



End view



Elevation

TPB Series

Main chords:	2.0" OD x 0.188"
Diagonals:	1.5" OD x 0.125"
Material:	Aluminum 6061-T6 extrusions
Attachment:	Spigot and pin
Fabrication:	Fabricated by certified welders

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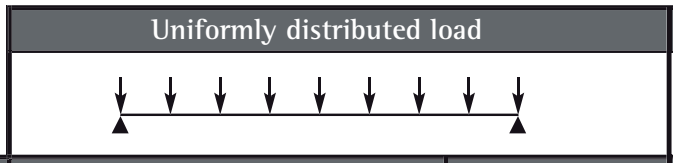
Pre-Rigged Series
3630 HEAVY DUTY TRUSS SPIGOTED WITH WHEELS

TPB-3630-SW

ALLOWABLE LOAD DATA



Span		Uniformly distributed load						Concentrated load			
		Load				Deflexion		Load		Deflexion	
pi	*(m)*	lb/pi	*(kg/m)*	lb	*(kg)*	po	*(mm)*	lb	*(kg)*	po	*(mm)*
8	*(2.44)*	1000	*(1488)*	8000	*(3628)*	0.08	*(2.0)*	7600	*(3447)*	0.11	*(2.8)*
16	*(4.88)*	500	*(744)*	8000	*(3628)*	0.18	*(4.6)*	6400	*(2902)*	0.22	*(5.6)*
24	*(7.32)*	317	*(471)*	7600	*(3447)*	0.39	*(9.9)*	4800	*(2177)*	0.39	*(9.9)*
32	*(9.76)*	225	*(335)*	7200	*(3265)*	0.66	*(16.8)*	3800	*(1723)*	0.57	*(14.5)*
40	*(12.20)*	155	*(231)*	6200	*(2812)*	1.05	*(26.7)*	3100	*(1406)*	0.92	*(23.4)*

Notes

- Data presented in the chart apply to trusses built after January 2002
- Trusses must be loaded symmetrically on each side
- All loads must be applied at, or as close as possible to, node points (see General Section)
  Exception for the load on pre-rigged tube (see below)
- Deflexions are based on the rigidity of the trusses and do not include possible movement between trusses due to attachment tolerance
- Data are valid for inside use only.
- Data are only valid for static loads and spans with two supporting points (span must be supported at each end). If dynamic loads or more supporting points are applied, contact a professional engineer or Arcofab.

TPB-3630-S

Main chords : 2.0" OD x 0.188"
Diagonals : 1.5" OD x 0.125"

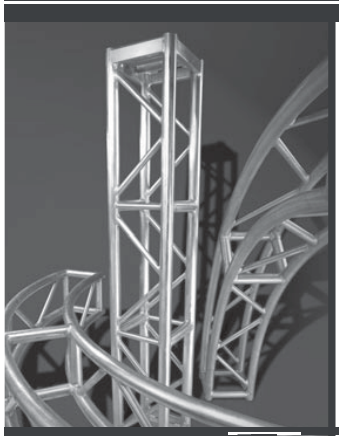
Description	Item	Weight lb *(kg)*
8' - 36" x 30"	TPB-3630-096S	250 *(113.4)*

- Other lengths and accessories are available if requested.
- Allowable load on the Pre-Rigged tube:
  VDL : 3 points load of 100 lb (45kg) for a total of 300 lb (135 kg) per 8' section.

Tripod Series

22 TRIANGULAR FOLDING TRUSS MEDIUM CAPACITY WITH CONNECTION ROD

TDB-22FH-R
TDD-22FH-R



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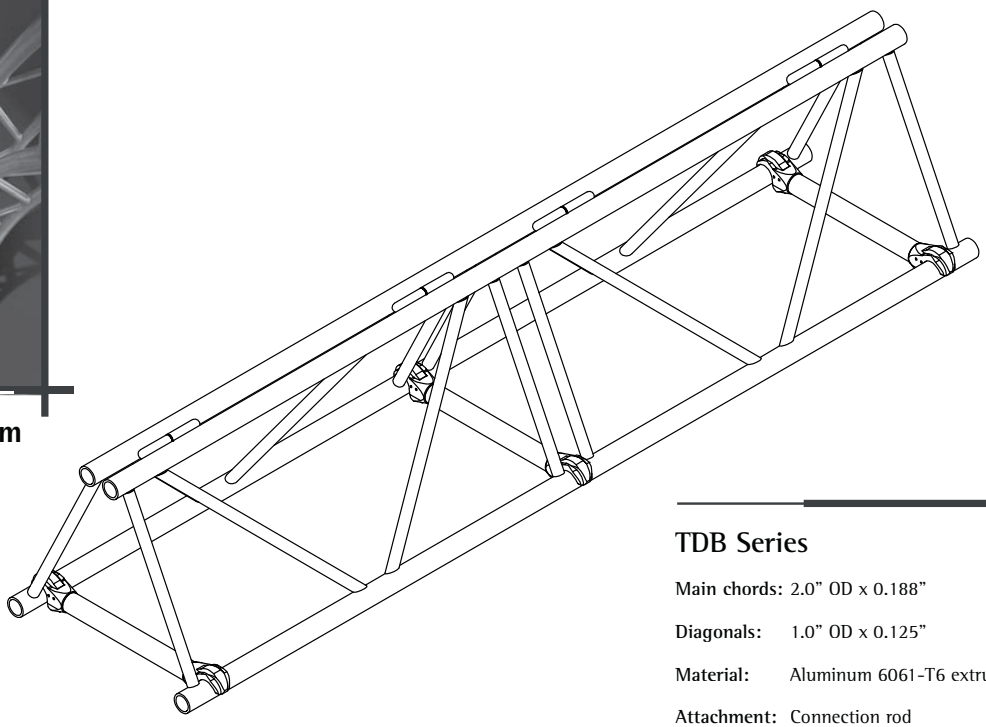

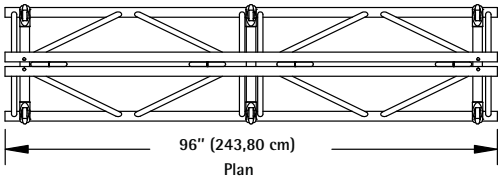

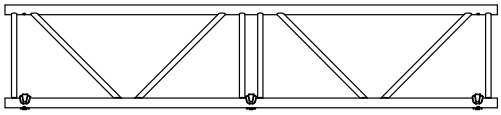

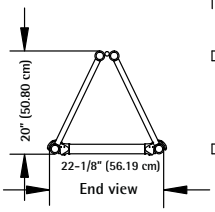

TDB Series

Main chords: 2.0" OD x 0.188"

Diagonals: 1.0" OD x 0.125"

Material: Aluminum 6061-T6 extrusions

Attachment: Connection rod
Bolts Ø5/8" Grade 8

Fabrication: Fabricated by certified welders

TDD Series (option)

Main chords: 1.9" OD x 0.200"

Diagonals: 1.0" OD x 0.125"

Material: Aluminum 6061-T6 extrusions

Attachment: Connection rod
Bolts Ø5/8" Grade 8

Fabrication: Fabricated by certified welders

CWB CERTIFIED

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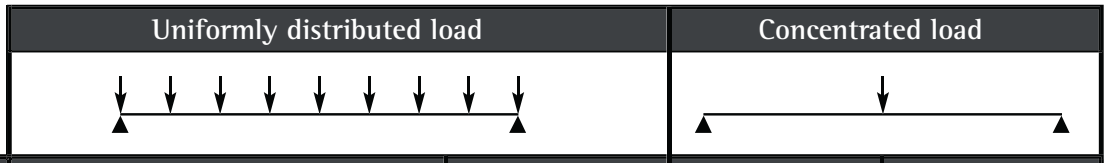
Tripod Series
22 TRIANGULAR FOLDING TRUSS MEDIUM CAPACITY WITH CONNECTION ROD

TDB-22FH-R
TDD-22FH-R

ALLOWABLE LOAD DATA



Span		Uniformly distributed load: Load				Uniformly distributed load: Deflexion		Concentrated load: Load		Concentrated load: Deflexion	
ft	*(m)*	lb/ft	*(kg/m)*	lb	*(kg)*	in	*(mm)*	lb	*(kg)*	in	*(mm)*
8	*(2.44)*	675.0	*(1004.1)*	5400	*(2449)*	0.08	*(2.0)*	2700	*(1224)*	0.07	*(1.8)*
16	*(4.88)*	275.0	*(409.1)*	4400	*(1995)*	0.25	*(6.4)*	2200	*(998)*	0.22	*(5.6)*
24	*(7.32)*	141.7	*(210.7)*	3400	*(1542)*	0.50	*(12.7)*	1700	*(771)*	0.43	*(10.9)*
32	*(9.76)*	93.8	*(139.5)*	3000	*(1361)*	0.93	*(23.6)*	1500	*(680)*	0.77	*(19.6)*
40	*(12.20)*	70.0	*(104.1)*	2800	*(1270)*	1.65	*(41.9)*	1400	*(635)*	1.35	*(34.3)*

Notes

- Data presented in this chart apply to trusses built after January 2002.
- Trusses must be loaded symmetrically on each side.
- All loads must be applied at, or as close as possible to, node points (see General Section).
- Deflexions are based on the rigidity of the trusses and do not include possible movement between trusses due to attachment tolerance.
- Data are valid for inside use only.
- Data are only valid for static loads and spans with two supporting points (span must be supported at each end). If dynamic loads or more supporting points are applied, contact a professional engineer or Arcofab.

TDB-22FH-R

Main chords: 2.0" OD x 0.188"
Diagonals: 1.0" OD x 0.125"

Item	Weight lb *(kg)*	◄ Description ►
TDB-22FH-096R	66 *(29.9)*	8' - 22"
TDB-22FH-048R	36 *(16.3)*	4' - 22"

TDD-22FH-R (option)

Main chords: 1.9" OD x 0.200"
Diagonals: 1.0" OD x 0.125"

Item	Weight lb *(kg)*
TDD-22FH-096R	66 *(29.9)*
TDD-22FH-048R	36 *(16.3)*

- Other lengths and accessories are available if requested.

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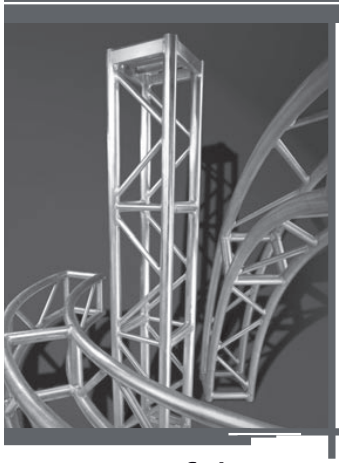
TRUSS • SUPPORT SYSTEMS • STAGING

Trussformer Series

3036 TRANSFORMER TRUSS SPIGOTED

TFB-3036-S
TFD-3036-S



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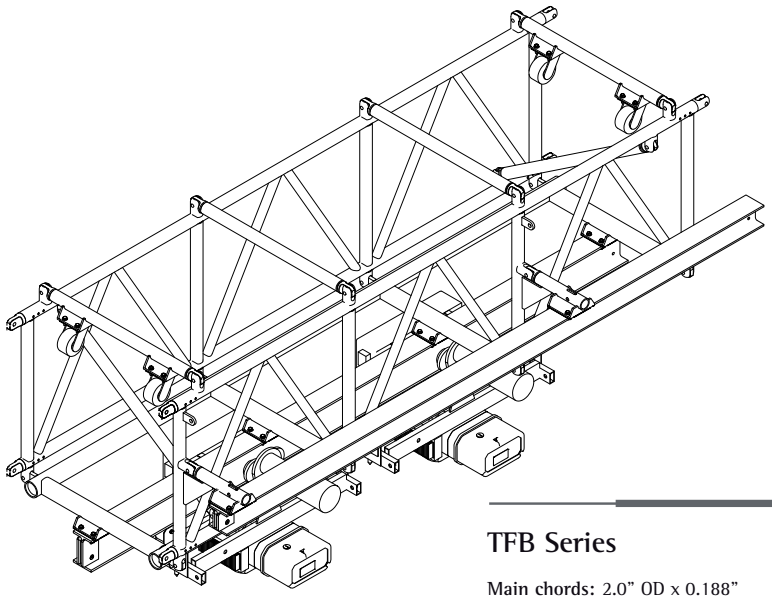


TFB Series

Main chords: 2.0" OD x 0.188"

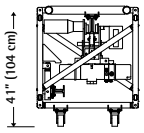
Diagonals: 1.5" OD x 0.125"

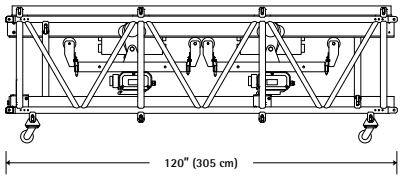
Material: Aluminum 6061-T6 extrusions

Attachment: Angle 3/8" thick
Bolts Ø5/8" Grade 8

Fabrication: Fabricated by certified welders

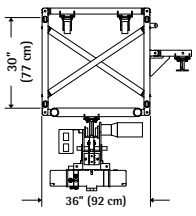
TRANSPORT MODE



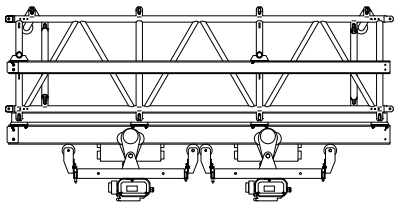


Plan

RIGGED MODE



End view



Elevation

TFD Series (option)

Main chords: 1.9" OD x 0.200"

Diagonals: 1.5" OD x 0.125"

Material: Aluminum 6061-T6 extrusions

Attachment: Angle 3/8" thick
Bolts Ø5/8" Grade 8

Fabrication: Fabricated by certified welders

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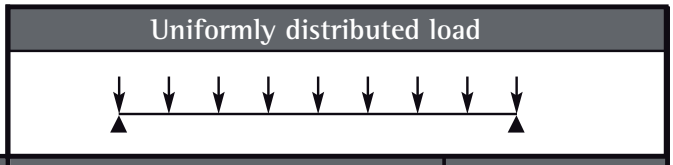
ALLOWABLE LOAD DATA



Span		Load				Deflexion	
ft	*(m)*	lb/ft	*(kg/m)*	lb	*(kg)*	in	*(mm)*
10	*(3.05)*	1190	*(1770)*	11900	*(5397)*	0.10	*(2.5)*
20	*(6.10)*	590	*(878)*	11800	*(5351)*	0.29	*(7.4)*
30	*(9.15)*	240	*(357)*	7200	*(3265)*	0.54	*(13.7)*
40	*(12.20)*	128	*(190)*	5100	*(2313)*	0.95	*(24.1)*
50	*(15.24)*	70	*(104)*	3500	*(1587)*	1.38	*(35.1)*
60	*(18.29)*	40	*(60)*	2400	*(1088)*	2.00	*(50.8)*

Notes

- Data presented in this chart apply to trusses built after January 2002.
- Trusses must be loaded symmetrically on each side.
- All loads must be applied at, or as close as possible to, node points (see General Section).
- Deflexions are based on the rigidity of the trusses and do not include possible movement between trusses due to attachment tolerance.
- Data are valid for inside use only.
- Data are only valid for static loads and spans with two supporting points (span must be supported at each end). If dynamic loads or more supporting points are applied, contact a professional engineer or Arcofab.

TFB-3036-S Main chords: 2.0" OD x 0.188" Diagonals: 1.5" OD x 0.125"			TFD-3036-S (option) Main chords: 1.9" OD x 0.200" Diagonals: 1.5" OD x 0.125"	
Item	Weight lb *(kg)*	◄ Description ►	Item	Weight lb *(kg)*
TFB-3036-120S	330 *(150)*	10' (3.05) - 30"x36" (0.762 x 0.914)	TFD-3036-120S	330 *(150)*

- **Allowable load on "I" beams:**
  Central beam: Maximum 1000 lb (450 kg) concentrated load, minimum 36" (0.914 m) center to center.
  Overhanging beam: Maximum 200 lb (91 kg) concentrated load, minimum 36" (0.914 m) center to center.
  Notice that the resulting load on the truss shall be such that the truss remains laterally levelled.

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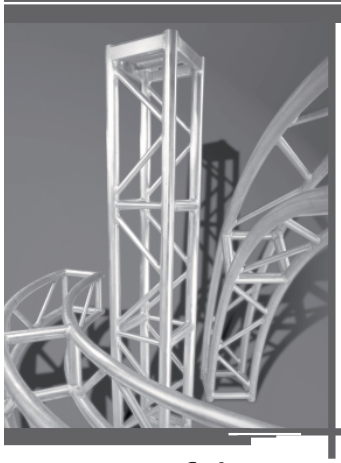
Custom SCOREBOARD



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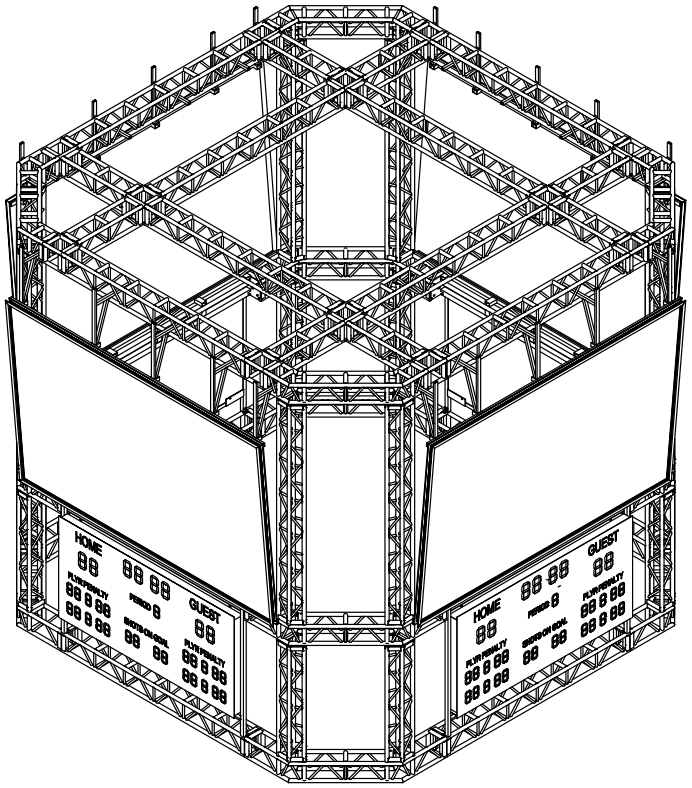

Each of the scoreboards manufactured by ARCOFAB has its own technical characteristics.
Do not hesitate to contact us for specific information on any of these products
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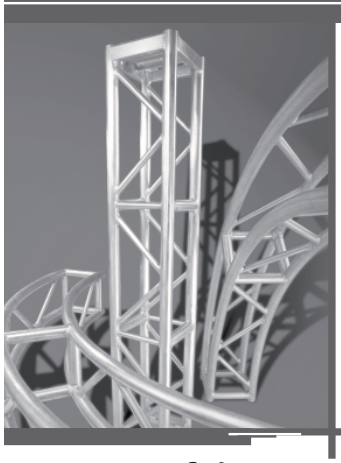
TRUSS • SUPPORT SYSTEMS • STAGING

Custom SPECIAL WIDE-RANGE BOOTH



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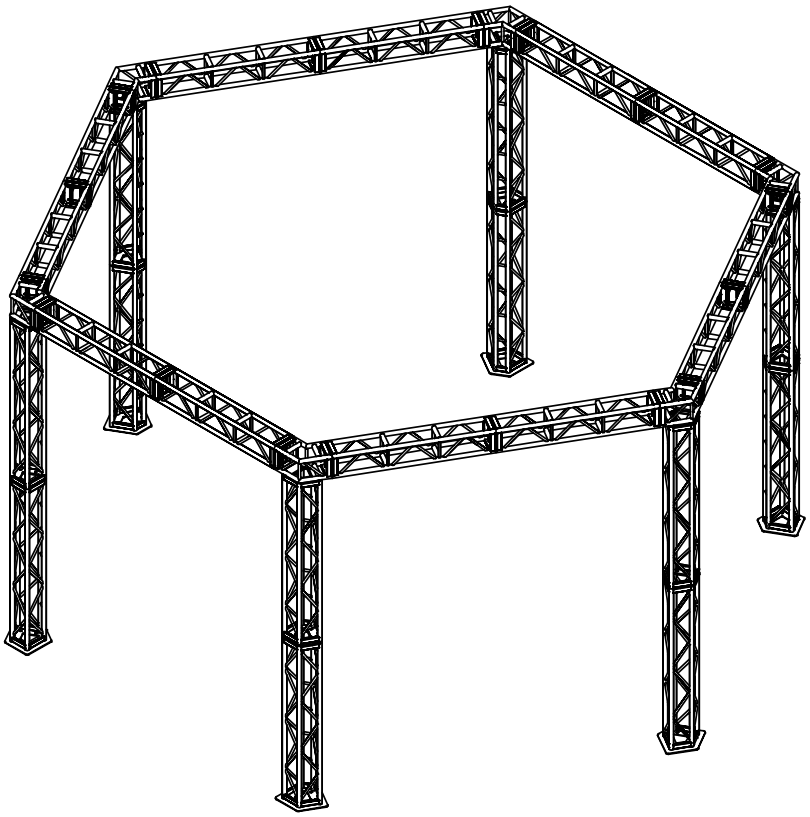

Each of the special wide-range booth manufactured by ARCOFAB has its own technical characteristics. Do not hesitate to contact us for specific information on any of these products or for help in the design and manufacturing of any custom-made product that you might require.

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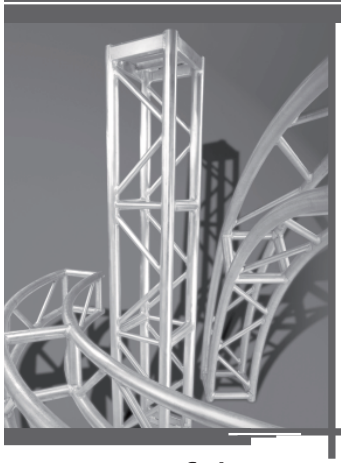
TRUSS • SUPPORT SYSTEMS • STAGING

Custom BOOTH



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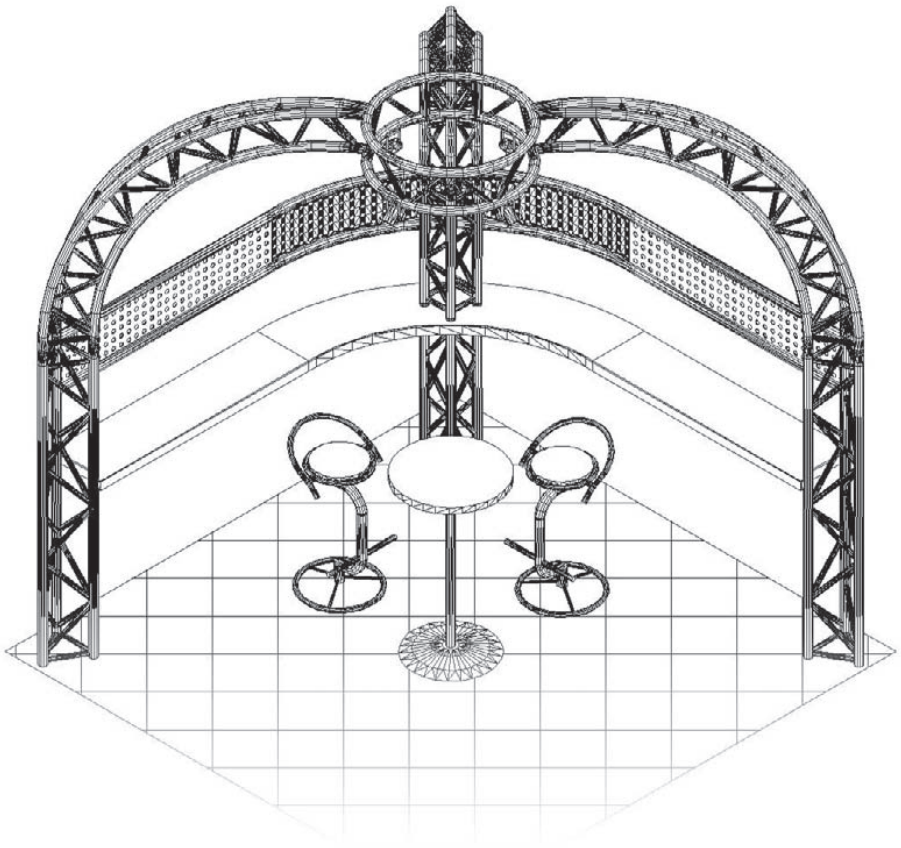

Commercial show booths made to your most precise specifications are an example of the custom-made products designed and manufactured by ARCOFAB.

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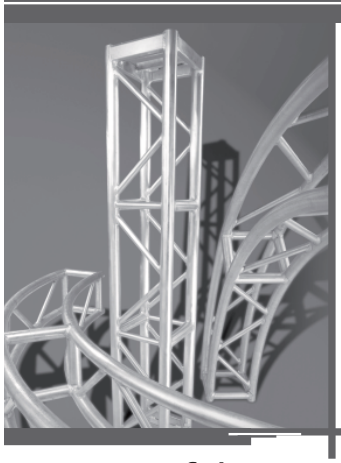
TRUSS • SUPPORT SYSTEMS • STAGING

Custom CIRCULAR TRUSS



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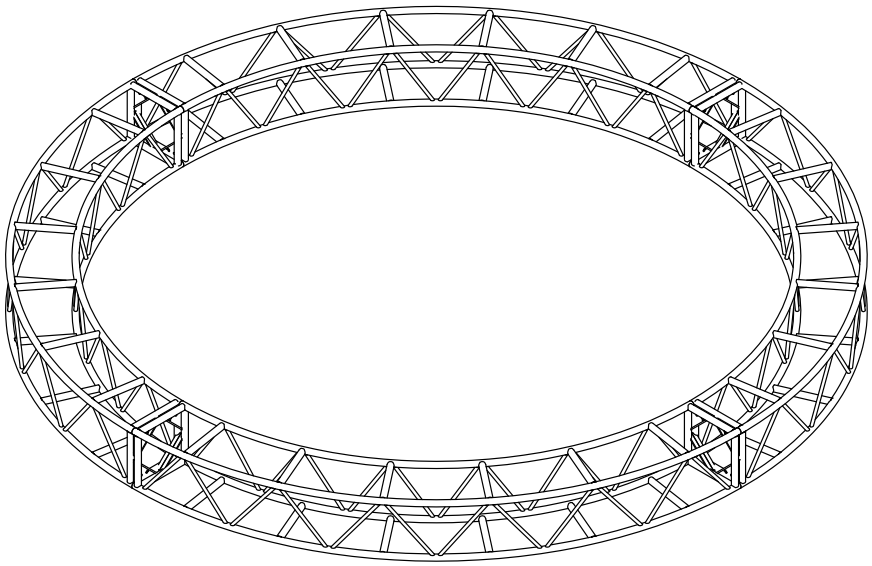

Each of the circular trusses manufactured by ARCOFAB has its own technical characteristics. Do not hesitate to contact us for specific information on any of these products or for help in the design and manufacturing of any custom-made product that you might require.

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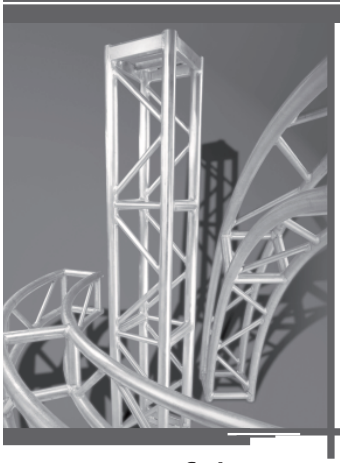
TRUSS • SUPPORT SYSTEMS • STAGING

Custom BATTENS



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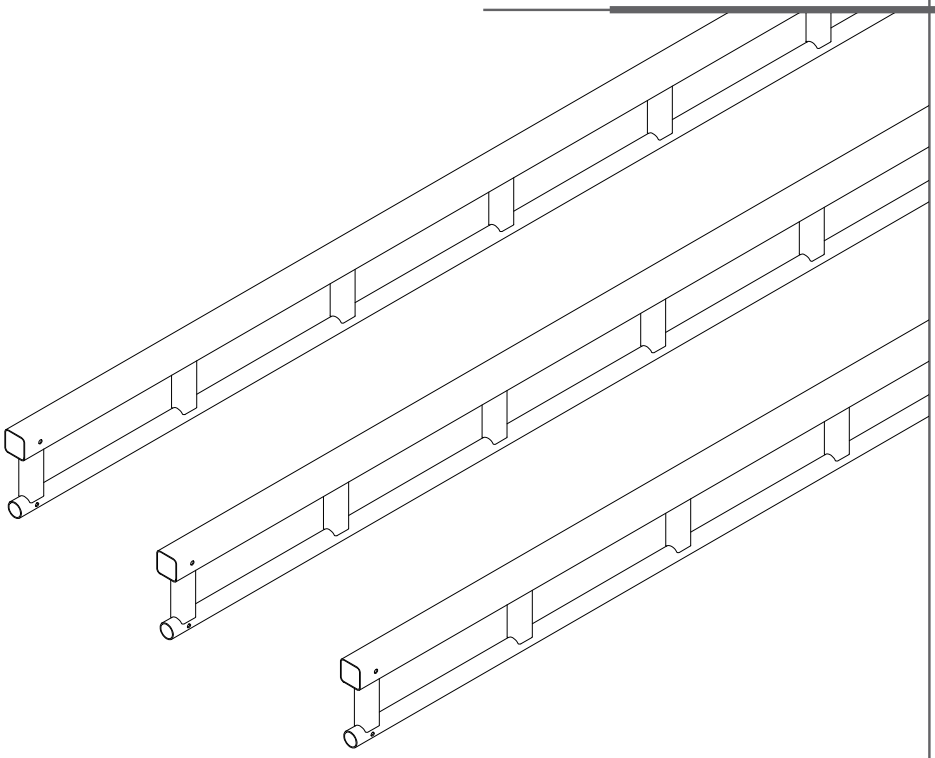

Each of the battens manufactured by ARCOFAB has its own technical characteristics. Do not hesitate to contact us for specific information on any of these products or for help in the design and manufacturing of any custom-made product that you might require.

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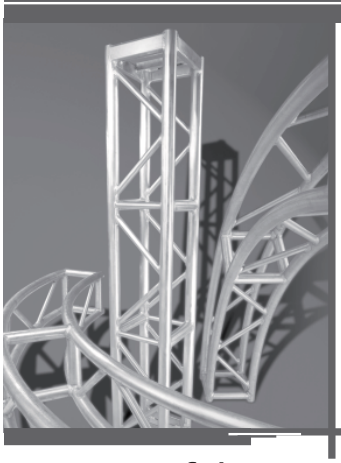
Custom GRID MGM LAS VEGAS



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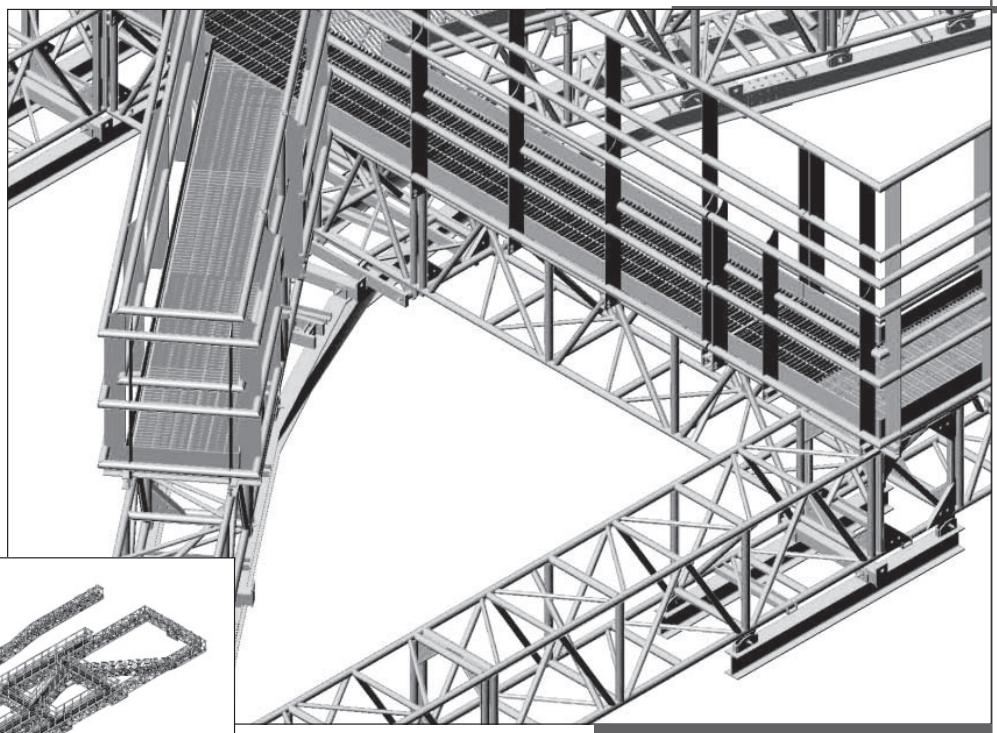

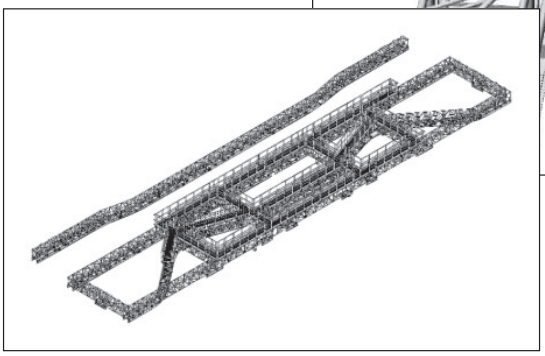

"Cirque du Soleil"
MGM Las Vegas

Each grid manufactured by ARCOFAB has its own technical characteristics.
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Custom SUPPORT SYSTEM FOR LED

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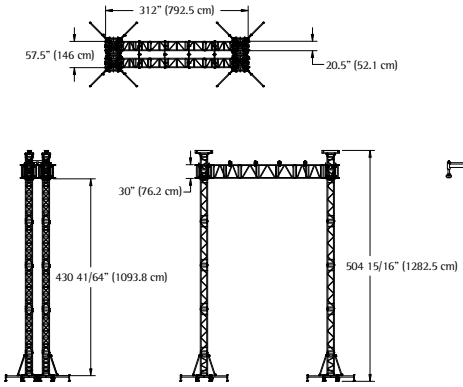

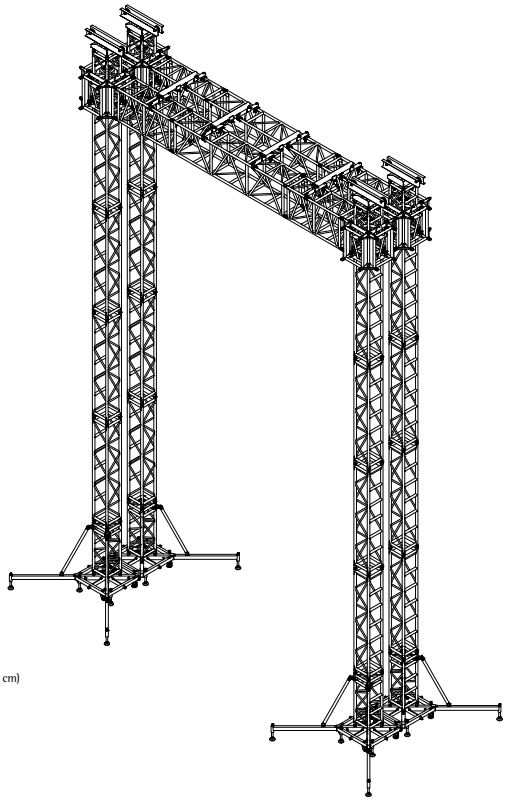

Each of the support system for LED manufactured by ARCOFAB has its own technical characteristics. Do not hesitate to contact us for specific information on any of these products or for help in the design and manufacturing of any custom-made product that you might require.

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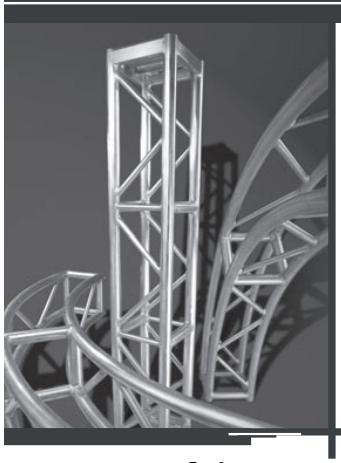
Custom
ROLLER BLOCK FOR 3020 AND 2020 CONNECTIONS



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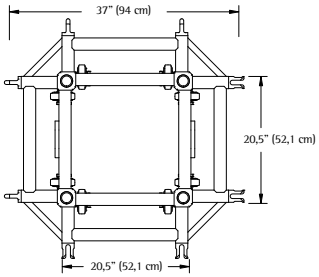

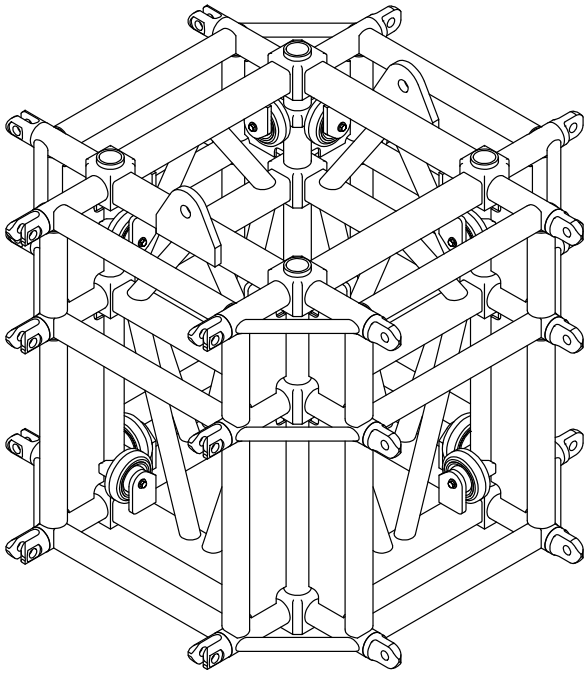

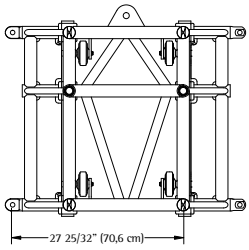

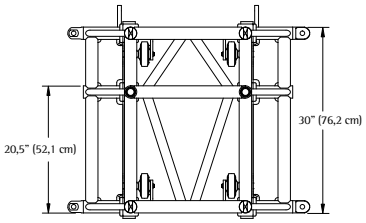

Each of the roller block manufactured by ARCOFAB has its own technical characteristics. Do not hesitate to contact us for specific information on any of these products or for help in the design and manufacturing of any custom-made product that you might require.

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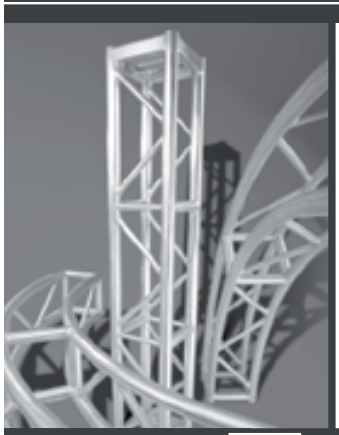
Custom OCTOCUBE



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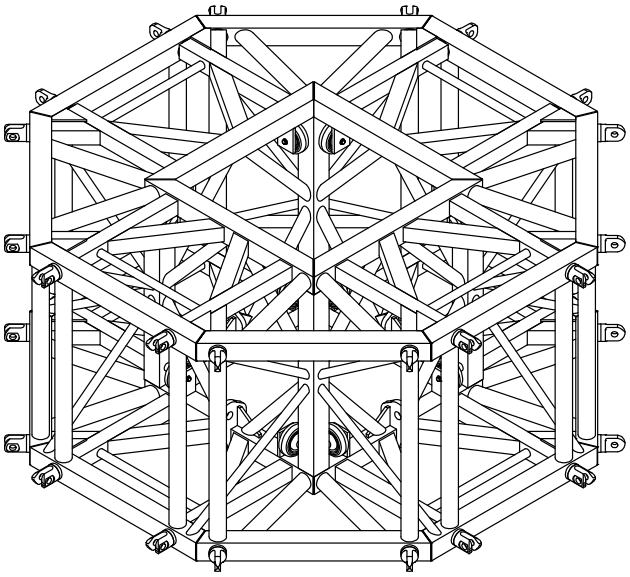

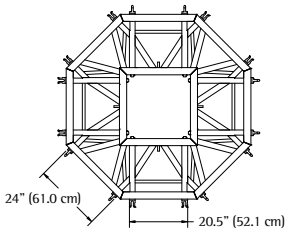

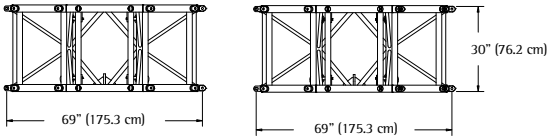

Each of the Octocube manufactured by ARCOFAB has its own technical characteristics. Do not hesitate to contact us for specific information on any of these products or for help in the design and manufacturing of any custom-made product that you might require.

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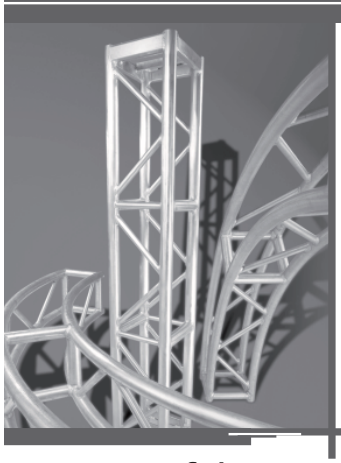
TRUSS • SUPPORT SYSTEMS • STAGING

Support system

DELAY TOWER



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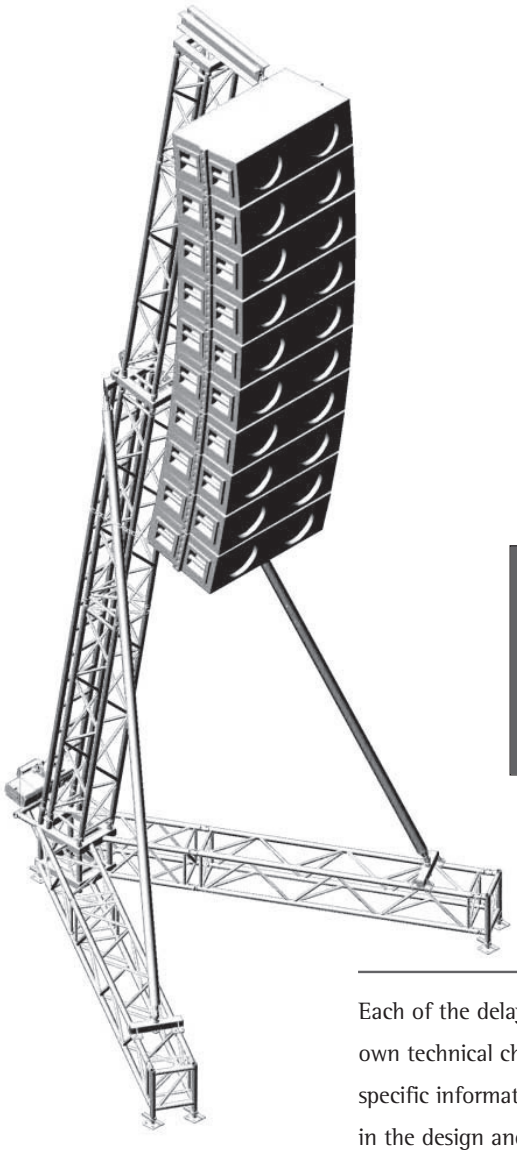

HEIGHT AVAILABLE
25 to 50' / 7.6 à 15.2 m

LOAD AVAILABLE
1 000 to 5 000 lb / 450 to 2 300 kg

Each of the delay towers manufactured by ARCOFAB has its own technical characteristics. Do not hesitate to contact us for specific information on any of these products or for help in the design and manufacturing any custom-made product that you might require.

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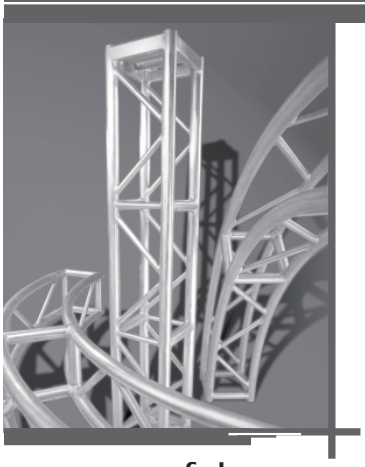
TRUSS • SUPPORT SYSTEMS • STAGING

SUPPORT SYSTEM
ROOF SYSTEM



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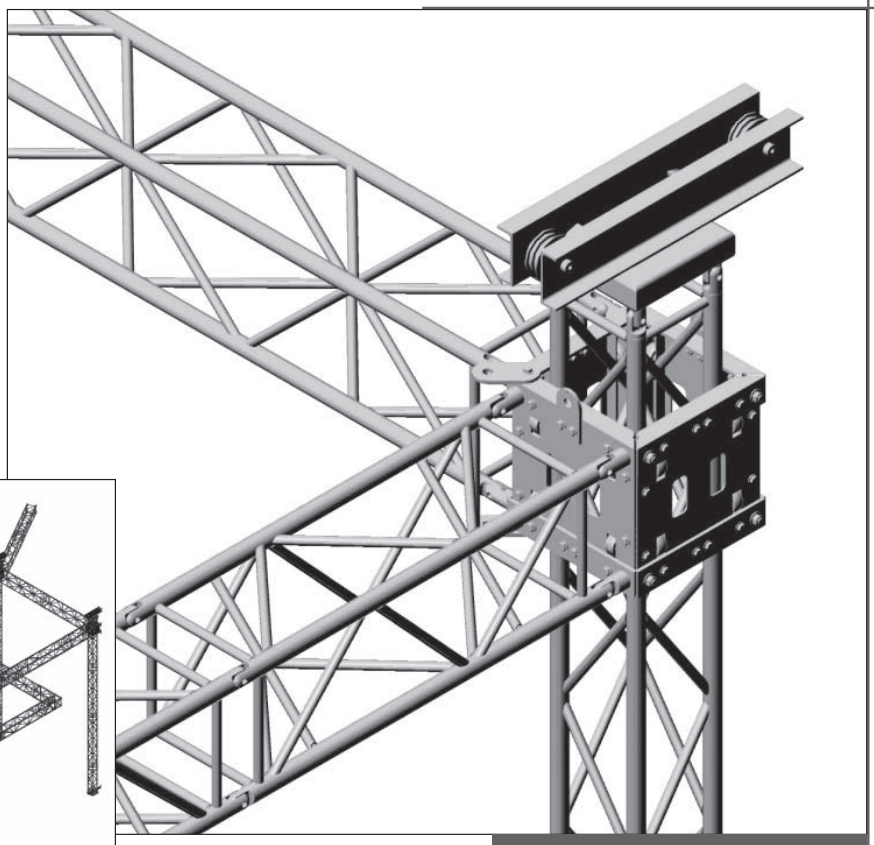
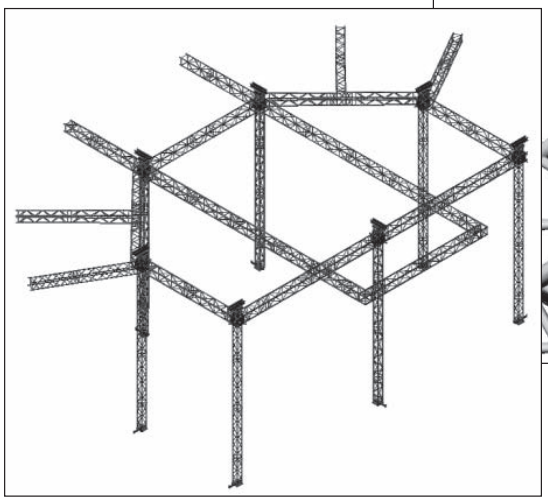


2005 World Exposition
Aichi, Japan



Each of the roof systems manufactured by ARCOFAB has its own technical characteristics. Do not hesitate to contact us for specific information on any of these products or for help in the design and manufacturing of any custom-made product that you might require.

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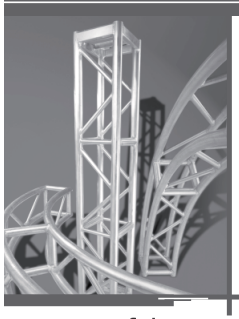
Support System

ROOF SYSTEM RS105 x 40 / 30T



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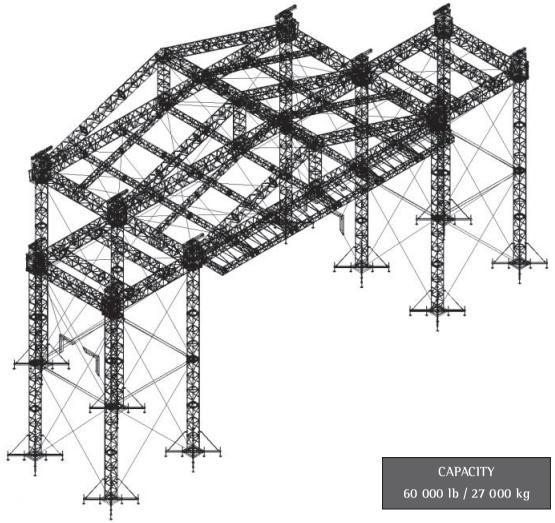

CAPACITY
60 000 lb / 27 000 kg

See picture inside

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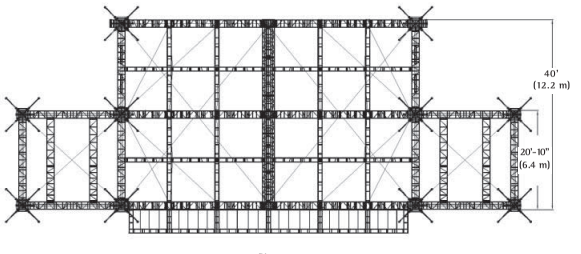
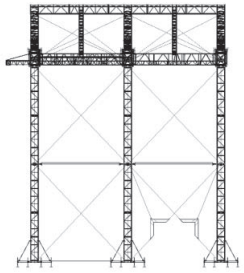
Support System

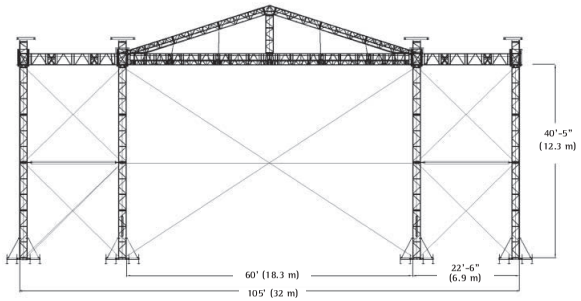
ROOF SYSTEM RS105 x 40 / 30T



Plan



End view



Elevation

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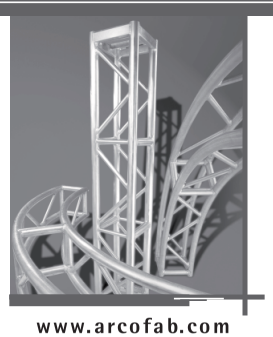
Support System

ROOF SYSTEM RS105 x 40 / 30T



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CAPACITY

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