



LITE DUTY FEATURES

- Highly Polished Aluminum Tubing
- 1-3/8" OD 6061-T6 Aluminum Tube
- 0.125" Wall Thickness
- 1/2" Solid Aluminum Rod Bracing
- 1-1/2" x 3/16" Aluminum End Plates (8"-14" Tri)
- 1-3/4" x 1/4" Aluminum End Plates (18" Tri)
- Fabricated by Certified Welders
- Custom Lengths & Corners Available
- Powder Coating Available



Lite Duty Tri truss is manufactured with 1-3/8" OD main chords and 1/2" solid aluminum rod bracing. It is ideal for trade show booths, small venues, retail showrooms and other installations with light load limits. The highly polished aluminum finish blends with contemporary design elements or this truss can be powder coated to match any interior design scheme. The Architectural series of truss is ideal for circles, stars and other unique projects.

ORDERING INFORMATION

Item No.	Dimensions	Weight
4-08-120	8" x 10'	23 lbs.
4-08-096	8" x 8'	21 lbs.
4-08-060	8" x 5'	13 lbs.
4-08-030	8" x 2.5'	10 lbs.
4-10-120	10" x 10'	28 lbs.
4-10-096	10" x 8'	24 lbs.
4-10-060	10" x 5'	16 lbs.
4-10-030	10" x 2.5'	8 lbs.
4-12-120	12" x 10'	30 lbs.
4-12-096	12" x 8'	24 lbs.
4-12-060	12" x 5'	16 lbs.
4-12-030	12" x 2.5'	10 lbs.
4-14-120	14" x 10'	31 lbs.
4-14-096	14" x 8'	22 lbs.
4-14-060	14" x 5'	17 lbs.
4-14-030	14" x 2.5'	8 lbs.
Note: 18" has 1-3/4" x 1/4" End Plates		
4-18-120	18" x 10'	37 lbs.
4-18-096	18" x 8'	28 lbs.
4-18-060	18" x 5'	23 lbs.
4-18-030	18" x 2.5'	11 lbs.

AVAILABLE CORNER ADAPTERS

- 90 Degree Horizontal
- 90 Degree Radial
- 90 Degree Vertical
- 90 Degree To Vertical
- 2-Way To Vertical
- 3-Way Horizontal
- 3-Way To Vertical
- 4-Way Horizontal
- 4-Way To Vertical
- 45 Degree Corner



90 Degree To Vertical



2-Way To Vertical



3-Way Horizontal

PLATED ALLOWABLE LOAD DATA

SPAN (ft.)	Maximum Allowable Uniform Loads			Maximum Allowable Center Point Loads	
	LOAD (#/ft.)	LOAD (#)	MAX. DEFL. (in.)	LOAD (#)	MAX. DEFL. (in.)
8" Lite Duty Tri Truss Weight Loading Info					
10	135	1354		453	
20	29.9	598		301	
30	14	432		220	
40	6.8	275		136	
10" Lite Duty Tri Truss Weight Loading Info					
10	176	1760		500	
20	41	826		416	
30	18.7	562		290	
40	9.4	378		190	
12" Lite Duty Tri Truss Weight Loading Info					
10	152	1520		500	
20	49.5	990		400	
30	22.4	672		330	
40	11.5	460		226	
14" Lite Duty Tri Truss Weight Loading Info					
10	160	1600		900	
20	65	1300		700	
30	24.5	735		460	
40	12.5	500		260	
18" Lite Duty Tri Truss Weight Loading Info					
10	430	4300		2600	
20	140	2800		1700	
30	70	2100		1250	
40	35	1400		1050	

Connection: 3/8" Dia. x 1-1/4" Grade 5 Bolts

Weight Load Certified By Structural Engineer